



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	896
Amendments Made	896
Alteration of Name(s) of Applicant(s)/Patentee(s)	898

Applications Accepted

Name Index	963
Numerical Index	1008
IPC Index	1012

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired 892

Applications Open to Public Inspection

Name Index	901
Numerical Index	915
IPC Index	917

Assignments before Grant, Section 113 894

Assignments Registered 1022

Certified Innovation Patents

Name Index	1019
Numerical Index	1020
IPC Index	1021

Complete Applications Filed

Name Index	882
Numerical Index	888

Corrigenda 1026

Extensions of Term of Standard Patents 1025

Extensions of Time, Section 223	895
Innovation Patent Applications Filed	
Name Index	890
Numerical Index	891
PCT applications which have entered the National Phase	
Name Index	920
Numerical Index	954
IPC Index	957
Patents Granted	1022
Mortgages Registered	1025
Provisional Applications Filed	
Name Index	878
Numerical Index	881
Specifications Republished	1026

General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

<u>ITEM</u>	<u>INID</u>	<u>ITEM</u>	<u>INID</u>
	<u>No.</u>		<u>No.</u>
A) Provisional applications 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)	Title of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)

B) Complete application filed - Name Index
The <u>name</u> of the applicant
The <u>number</u> assigned to the application
The <u>date</u> of filing
Title of the invention
<u>Number</u> of priority document(s) if any
<u>Date(s)</u> of filing of priority documents
<u>Country</u> of which priority documents filed
PCT application <u>number</u>

<u>ITEM</u>	<u>INID No.</u>	<u>ITEM</u>	<u>INID</u>
	<u>No.</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</u> (s)	(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)
Patent Attorneys	(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)
Inventors names	(72)
Patent Attorneys	(74)
Related by division	(62)

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

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

(71) Advanced Drilling Tools Pty Ltd (21) 2024900273 (22) 06.02.2024 (54) SYSTEM AND METHOD FOR THE DOWNHOLE DELIVERY OF A FLOWABLE MATERIAL	(71) Capelli, M. (21) 2024900246 (22) 03.02.2024 (54) Surfboard Deck Pad	(71) Daynite Group (21) 2024900222 (22) 01.02.2024 (54) VEHICLE TOWING TRAILER
(71) Ang, K. (21) 2024900228 (22) 01.02.2024 (54) Yoga mat carrier	(71) Certa Therapeutics Pty Ltd (21) 2024900217 (22) 31.01.2024 (54) Proton Sensing GPCR modulators	(71) Edwards, J. (21) 2024900263 (22) 05.02.2024 (54) Apple Vision Pro
(71) Australian Property Buyers Registry PL (21) 2024900265 (22) 06.02.2024 (54) Real Estate application (app) & web app showing reviews on the site, that are property specific from visitors who have been checked in at the property or have been physically recorded by the agent or property advertiser / promoter for Residential & Commercial properties that are for sale or for lease, not including holiday properties.	(71) Certa Therapeutics Pty Ltd (21) 2024900224 (22) 01.02.2024 (54) Proton Sensing GPCR modulators	(71) Encap Hive Pty Ltd (21) 2024900275 (22) 07.02.2024 (54) HYBRID NANOFIBROUS MAT AND METHOD OF MAKING SAME
(71) Benadiba, L. (21) 2024900235 (22) 01.02.2024 (54) WEARABLE FINGER ACUPRESSURE MASSAGE RING	(71) Coglitore, C. (21) 2024900236 (22) 02.02.2024 (54) Stockpay with on-device AI and blockchain web 3 technologies	(71) Energy Farmers Australia Pty Ltd (21) 2024900269 (22) 06.02.2024 (54) APPARATUS AND METHOD FOR PYROLYSIS
(71) Blue Carbon Pty Ltd (21) 2024900243 (22) 02.02.2024 (54) MULTI-TUBE HYDRODYNAMIC SYSTEM FOR LIQUID TRANSFER	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024900220 (22) 31.01.2024 (54) PLANAR FLOW CASTING MELT DELIVERY ARRANGEMENT FOR PRODUCING METALLIC FOILS	(71) Fertilis Pty Ltd (21) 2024900270 (22) 06.02.2024 (54) Low Flow Microfluidic Device
(71) Breville Pty Limited (21) 2024900256 (22) 05.02.2024 (54) A coffee bean dispensing device and related devices	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024900255 (22) 05.02.2024 (54) Assisted analysis of biological sample data	Gannon, A. see Gannon, R. (21) 2024900237
(71) Cambridge Enterprise Limited (21) 2024900221 (22) 31.01.2024 (54) Plant promoter	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024900266 (22) 06.02.2024 (54) AI Discovery	Gannon, M. see Gannon, R. (21) 2024900237
	(71) Daif, B.H. (21) 2024900247 (22) 03.02.2024 (54) THE TREATMENT OF FAR-SIGHTEDNESS THROUGH INDUCED HYPER-TROPHY	(71) Gannon, R.; Gannon, A.; Gannon, M. (21) 2024900237 (22) 02.02.2024 (54) Generation of electrical currents produced by thermal and electro-chemical effects between various electrode materials.
		(71) Gikandi, D. (21) 2024900248 (22) 04.02.2024 (54) System and Method for Facilitating Mental Health and Personal Development Through Structured Card-Based Interaction

Provisional Applications Filed - Name Index cont'd

- (71) Hydric Desalination pty Ltd
 (21) 2024900229 (22) 01.02.2024
 (54) Improved ion exchange processes for softening water
-
- (71) iX Biopharma Ltd
 (21) 2024900259 (22) 05.02.2024
 (54) MetaboliX
-
- (71) Jackson, G.
 (21) 2024900258 (22) 05.02.2024
 (54) BIODEGRADABLE SPORTING ITEM AND PACKAGING THEREOF
-
- (71) Jafarliou, M.
 (21) 2024900264 (22) 06.02.2024
 (54) Exospmes isolated from Wharton's jelly have emerged as a novel therapeutic approach for the treatment of Alzheimer's disease.
-
- (71) JUST BUNG IT PTY LTD
 (21) 2024900223 (22) 01.02.2024
 (54) Bung Block
-
- (71) Kim, D.
 (21) 2024900244 (22) 02.02.2024
 (54) Enhanced Condom
-
- (71) Kinaltek Antifouling Systems Pty Ltd
 (21) 2024900261 (22) 05.02.2024
 (54) Antifouling coating
-
- (71) Lam, T.T.
 (21) 2024900216 (22) 31.01.2024
 (54) MAGNETIC DEVICES FOR ULTRA-HIGH-SPEED ROTARY SHAFTS
-
- (71) Leica Biosystems Melbourne Pty Ltd
 (21) 2024900218 (22) 31.01.2024
 (54) A CLOSEABLE BULK FLUID ASSEMBLY
-
- (71) Manu, C.
 (21) 2024900230 (22) 01.02.2024
 (54) A pen that has a pencil on the opposite side of the pen (a 2in1 product)
-
- (71) Manu, C.
 (21) 2024900231 (22) 01.02.2024
 (54) A food plate that can be converted into a food bowl (convertible plate-bowl) allowing to be used for many dinning occasions - Our product can be plastic plates-bowls, ceramic plates-bowls & all other plate-bowl materials.
-
- (71) McClenaghan, J.
 (21) 2024900249 (22) 04.02.2024
 (54) MCCLENS
-
- (71) Minus Zero Enterprise Pty Ltd
 (21) 2024900242 (22) 02.02.2024
 (54) Sweetener and Nutritional Supplement
-
- (71) Opec Remediation Technologies Pty Limited
 (21) 2024900262 (22) 05.02.2024
 (54) A SUBSTANCE CAPTURE APPARATUS FOR USE WITH A LIQUID RESERVOIR
-
- (71) Orica International Pte Ltd
 (21) 2024900253 (22) 05.02.2024
 (54) Magnetic induction antenna systems and methods of deploying and using the same
-
- (71) OzGreen Energy Pty Ltd
 (21) 2024900277 (22) 07.02.2024
 (54) ELCTRONIC SENSOR ASSEMBLY
-
- (71) Perren-Leveridge, W.
 (21) 2024900252 (22) 05.02.2024
 (54) CENTRAL LOCKING ASSEMBLY FOR COMPRESSION LOCK
-
- (71) Plassets Pty Ltd
 (21) 2024900254 (22) 05.02.2024
 (54) LIGHT POLE PROTECTION
-
- Pongrac, M. see Pongrac, I.
 (21) 2024900271
-
- Pongrac, M. see Pongrac, I.
 (21) 2024900271
-
- (71) Pongrac, I.; Pongrac, M.; Pongrac, M.
 (21) 2024900271 (22) 06.02.2024
 (54) Face Mask with Passage
-
- (71) Prince, C.
 (21) 2024900240 (22) 02.02.2024
 (54) WICK FOR EMBEDDING IN EDIBLE FOOD SUCH AS COOKIE
-
- (71) Provis Pty Ltd
 (21) 2024900268 (22) 06.02.2024
 (54) Clamp and Method of Use
-
- (71) QSOLUTIONS ASSETS PTY LTD
 (21) 2024900239 (22) 02.02.2024
 (54) SELF-BUNDLED ENCLOSURE APPARATUS
-
- (71) Rowe Management Pty Ltd
 (21) 2024900267 (22) 06.02.2024
 (54) Refuse Truck Fire Suppression System.
-
- (71) RPM Automotive Holdings Pty Ltd
 (21) 2024900241 (22) 02.02.2024
 (54) A trailer mover
-
- (71) Scolaro, A.
 (21) 2024900251 (22) 05.02.2024
 (54) A Power Drive
-
- (71) Scolaro, A.
 (21) 2024900276 (22) 07.02.2024
 (54) A Power Drive
-
- (71) Simounds, J.
 (21) 2024900260 (22) 05.02.2024
 (54) DOUBLE END FASTENER
-
- (71) Siperki, P.
 (21) 2024900232 (22) 01.02.2024
 (54) Residential, Business & Rural Gas Licence Transfer Mechanism
-
- (71) Siperki, P.
 (21) 2024900233 (22) 01.02.2024
 (54) Live EFT Payment Tracking Facility for Bank Payments
-
- (71) Solar Assisted Services
 (21) 2024900250 (22) 05.02.2024
 (54) A Reciprocating Panel for Capillary Hydronic Mats
-
- (71) Stoica, D.
 (21) 2024900234 (22) 01.02.2024
 (54) On demand Semi-Self-Serve mobile sport-events management & electronic-scoring platform
-
- (71) Strategex Pty Ltd
 (21) 2024900257 (22) 05.02.2024
 (54) A multi-agent computer control system
-
- (71) Sundermann Water Power Ltd
 (21) 2024900274 (22) 07.02.2024
 (54) Improvements relating to fluid-driven and/or fluid-driving apparatuses
-
- (71) Teakle, R.
 (21) 2024900245 (22) 03.02.2024
 (54) Menstrual diagnostic pad for cancer
-
- (71) The University of Sydney
 (21) 2024900238 (22) 02.02.2024
 (54) Portable communication device
-

Provisional Applications Filed - Name Index cont'd

(71) University of Canterbury
(21) 2024900227 (22) 01.02.2024
(54) MICROFLUIDIC DEVICES, SYSTEMS
AND METHODS

(71) Vater, L.
(21) 2024900226 (22) 01.02.2024
(54) A SLIDING DOOR/GATE ARRANGE-
MENT

(71) VULCO S.A.
(21) 2024900225 (22) 01.02.2024
(54) FRONT SIDE LINER FOR A PUMP

Watts, M. see Watts, A.
(21) 2024900219

(71) Watts, A.; Watts, M.
(21) 2024900219 (22) 31.01.2024
(54) Supplement Compositions and Uses
Thereof

(71) Zero Boundaries Australia Pty Ltd
(21) 2024900272 (22) 06.02.2024
(54) METHOD & SYSTEM SECURELY
CAPTURING CONTEMPORANEOUS
EVENTS

Numerical Index

2024900216	Lam, T.T.
2024900217	Certa Therapeutics Pty Ltd
2024900218	Leica Biosystems Melbourne Pty Ltd
2024900219	Watts, A.; Watts, M.
2024900220	Commonwealth Scientific and Industrial Research Organisation
2024900221	Cambridge Enterprise Limited
2024900222	Daynite Group
2024900223	JUST BUNG IT PTY LTD
2024900224	Certa Therapeutics Pty Ltd
2024900225	VULCO S.A.
2024900226	Vater, L.
2024900227	University of Canterbury
2024900228	Ang, K.
2024900229	Hydric Desalination pty ltd
2024900230	Manu, C.
2024900231	Manu, C.
2024900232	Siperki, P.
2024900233	Siperki, P.
2024900234	Stoica, D.
2024900235	Benadiba, L.
2024900236	Coglitore, C.
2024900237	Gannon, R.; Gannon, A.; Gannon, M.
2024900238	The University of Sydney
2024900239	QSOLUTIONS ASSETS PTY LTD
2024900240	Prince, C.
2024900241	RPM Automotive Holdings Pty Ltd
2024900242	Minus Zero Enterprise Pty Ltd
2024900243	Blue Carbon Pty Ltd
2024900244	Kim, D.
2024900245	Teakle, R.
2024900246	Capelli, M.
2024900247	Daif, B.H.
2024900248	Gikandi, D.
2024900249	McClenaghan, J.
2024900250	Solar Assisted Services
2024900251	Scolaro, A.
2024900252	Perren-Leveridge, W.
2024900253	Orica International Pte Ltd
2024900254	Plasses Pty Ltd
2024900255	Commonwealth Scientific and Industrial Research Organisation
2024900256	Breville Pty Limited
2024900257	Strategex Pty Ltd
2024900258	Jackson, G.
2024900259	iX Biopharma Ltd
2024900260	Simounds, J.
2024900261	Kinaltek Antifouling Systems Pty Ltd
2024900262	Opec Remediation Technologies Pty Limited
2024900263	Edwards, J.
2024900264	Jafarlou, M.
2024900265	Australian Property Buyers Registry PL
2024900266	Commonwealth Scientific and Industrial Research Organisation
2024900267	Rowe Management Pty Ltd
2024900268	Provis Pty Ltd
2024900269	Energy Farmers Australia Pty Ltd
2024900270	Fertilis Pty Ltd
2024900271	Pongrac, I.; Pongrac, M.; Pongrac, M.
2024900272	Zero Boundaries Australia Pty Ltd
2024900273	Advanced Drilling Tools Pty Ltd
2024900274	Sundermann Water Power Ltd
2024900275	Encap Hive Pty Ltd
2024900276	Scolaro, A.
2024900277	OzGreen Energy Pty Ltd

Complete Applications Filed**Name Index**

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

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

(71) A2 Biotherapeutics, Inc. (21) 2024200719 (22) 06.02.2024 (54) LILRB1-based chimeric antigen receptor	(71) Agios Pharmaceuticals, Inc. (21) 2024200724 (22) 06.02.2024 (54) Crystalline forms of N-(4-(cyclopropylmethyl) piperazine-1-carbonyl)phenyl)quinoline-8-sulfonamide	(54) Benzimidazole compounds as c-Kit inhibitors
(71) Acceleron Pharma Inc. (21) 2024200684 (22) 05.02.2024 (54) Variant ActRIIB proteins and uses thereof	(71) Agricultural Environment and Resources Institute, Yunnan Academy of Agricultural Sciences (21) 2024200695 (22) 05.02.2024 (54) CONSERVATION CULTIVATION METHOD FOR DROUGHT-TOLERANT RICE	(71) Aristocrat Technologies, Inc. (21) 2024200697 (22) 05.02.2024 (54) GAMING MACHINE AND METHOD FOR DISPLAYING A GAME LOBBY USER INTERFACE
(71) Acer Incorporated (21) 2024200629 (22) 01.02.2024 (54) METHOD FOR IMPLEMENTING CELL SWITCH PROCEDURE AND USER EQUIPMENT	(71) Alchin Long Group IP Pty Limited (21) 2024200649 (22) 02.02.2024 (54) Actuator assembly for moving a sliding door or window	(71) Ascendis Pharma Growth Disorders A/S (21) 2024200659 (22) 02.02.2024 (54) Controlled-release CNP agonists with increased NEP stability
(71) Acer Incorporated (21) 2024200712 (22) 06.02.2024 (54) UPLINK TRANSMISSION AND UP-LINK RECEPTION WITH MULTIPLE PANELS RELATED METHODS AND USER EQUIPMENT	(71) Alnylam Pharmaceuticals, Inc. (21) 2024200717 (22) 06.02.2024 (54) Factor XII (Hageman Factor) (F12), Kallikrein B, plasma (Fletcher Factor) 1 (KLKB1), and Kininogen 1 (KNG1) mRNA compositions and methods of use thereof	(71) Avalotu P/L (21) 2024200722 (22) 06.02.2024 (54) Power Generating Device for renewable solar/battery systems
(71) Acym Therapeutics, Inc. (21) 2024200578 (22) 31.01.2024 (54) ENGINEERED IMMUNOSTIMULATORY BACTERIAL STRAINS AND USES THEREOF	(71) Amgen Inc. (21) 2024200688 (22) 05.02.2024 (54) Preparation of Mcl-1 inhibiting compound by methylation in the presence of water	(71) BASF SE (21) 2024200670 (22) 02.02.2024 (54) Methods for the purification of L-glufosinate
(71) Adobe Inc. (21) 2024200681 (22) 05.02.2024 (54) RECOMMENDING PERSONALIZED DIGITAL DESIGN TEMPLATES UTILIZING CONTENT EMBEDDINGS	(71) Angel Group Co., Ltd. (21) 2024200632 (22) 01.02.2024 (54) CARD GAME MONITORING SYSTEM	(71) BeyondSpring Pharmaceuticals, Inc. (21) 2024200709 (22) 06.02.2024 (54) Compositions of plinabulin and use thereof
(71) Adobe Inc. (21) 2024200700 (22) 06.02.2024 (54) CONTROLLABLE DYNAMIC APPEARANCE FOR NEURAL 3D PORTRAITS	(71) Aqua Yield Operations, Inc. (21) 2024200647 (22) 02.02.2024 (54) Incorporation of nanoparticles with granular fertilizers	(71) BEYONDSpring PHARMACEUTICALS, INC. (21) 2024200672 (22) 02.02.2024 (54) Use of plinabulin in combination with immune checkpoint inhibitors
(71) Aerofoil Energy Ltd (21) 2024200639 (22) 02.02.2024 (54) IMPROVEMENTS TO COOLING UNITS	(71) Arbutus Biopharma Corporation (21) 2024200603 (22) 31.01.2024 (54) SUBSTITUTED ARYL METHYLUREAS AND HETEROARYL METHYLUREAS, ANALOGUES THEREOF, AND METHODS USING SAME	(71) Boston Scientific Scimed, Inc. (21) 2024200607 (22) 31.01.2024 (54) Pneumatic or hydraulic powered tissue closure devices
(71) Aeromech Pty Ltd (21) 2024200579 (22) 31.01.2024 (54) Portable Manufacturing Facility	(71) Ariad Pharmaceuticals, Inc. (21) 2024200624 (22) 01.02.2024	(71) Boston Scientific Scimed, Inc. (21) 2024200643 (22) 02.02.2024 (54) Operating room devices, methods, and systems
		(71) Brown, D. (21) 2024200650 (22) 02.02.2024 (54) Therapeutic benefit of suboptimally administered chemical compounds

Complete Applications Filed - Name Index cont'd

- (71) Brown, D. (22) 06.02.2024
 (21) 2024200718
 (54) Compositions and methods to improve the therapeutic benefit of suboptimally administered chemical compounds including substituted hexitols such as dibromodulcitol
-
- (71) Canon Kabushiki Kaisha (22) 31.01.2024
 (21) 2024200580
 (54) Electrophotographic image forming apparatus, developing apparatus, and coupling member
-
- (71) CEEK Women's Health, Inc. (22) 01.02.2024
 (21) 2024200609
 (54) Lighting module for a medical device and methods for using the same
-
- (71) Cell Therapy and Technology S.A. De C.V. (22) 07.02.2024
 (21) 2024200737
 (54) PHARMACEUTICAL USE OF AN EXTENDED-RELEASE COMPOSITION CONTAINING PIRFENIDONE FOR THE TREATMENT AND REVERSAL OF HUMAN STEATOHEPATITIS (NAFLD/NASH)
-
- Centre National De La Recherche Scientifique see Universite d'Aix-Marseille**
 (21) 2024200667
-
- (71) ConMed Corporation (22) 01.02.2024
 (21) 2024200628
 (54) SUTURE ANCHOR DRIVER
-
- (71) Cornell University (22) 02.02.2024
 (21) 2024200656
 (54) Identifying status of male fertility by determining sperm capacitation
-
- (71) Cosmo Artificial Intelligence - Ai Limited (22) 05.02.2024
 (21) 2024200686
 (54) SYSTEMS AND METHODS FOR PROCESSING REAL-TIME VIDEO FROM A MEDICAL IMAGE DEVICE AND DETECTING OBJECTS IN THE VIDEO
-
- (71) Cotron Corporation (22) 02.02.2024
 (21) 2024200666
 (54) SOUND PROVIDING METHOD USING EARPHONE SET AND EARPHONE SET
-
- (71) Crown Equipment Corporation (22) 06.02.2024
 (21) 2024200735
 (54) User interface device for industrial vehicle
-
- (71) Dalian Institute of Chemical Physics, Chinese Academy of Sciences (22) 06.02.2024
 (21) 2024200734
 (54) NEUTRAL ZINC-MANGANESE SECONDARY BATTERY AND ELECTROLYTE SOLUTION
-
- (71) Dana-Farber Cancer Institute, Inc. (22) 31.01.2024
 (21) 2024200592
 (54) Chimeric antigen receptors and methods of use thereof
-
- (71) Deere & Company (22) 31.01.2024
 (21) 2024200574
 (54) Method and arrangement for the operation of an agricultural distribution vehicle
-
- (71) Deere & Company (22) 01.02.2024
 (21) 2024200612
 (54) Controlling and communicating material conveyance from a tender vehicle to an agricultural work machine
-
- (71) DEKA Products Limited Partnership (22) 02.02.2024
 (21) 2024200644
 (54) Water Distillation Apparatus, Method And System
-
- (71) Dental Robotics Group B.V. (22) 05.02.2024
 (21) 2024200690
 (54) Method of manufacturing bristled pad and mouthpiece for brushing plurality of dental positions, mouthpiece and bristle pad
-
- (71) Dermal Biomics, Inc. (22) 05.02.2024
 (21) 2024200683
 (54) NONWOVEN WIPES, CLEANING COMPOSITIONS, AND ASSOCIATED PACKAGING
-
- Diehl Defence GmbH & Co. KG see Diehl Energy Products GmbH**
 (21) 2023274067
-
- (71) Diehl Energy Products GmbH; Diehl Defence GmbH & Co. KG (22) 27.11.2023
 (21) 2023274067
 (54) Passively heated thermal battery
-
- (71) Disarm Therapeutics, Inc. (22) 06.02.2024
 (21) 2024200703
 (54) INHIBITORS OF SARM1
-
- (71) Dolby International AB (22) 01.02.2024
 (21) 2024200616
 (54) Complex Exponential Modulated Filter Bank for High Frequency Reconstruction or Parametric Stereo
-
- Dolby International AB see Dolby Laboratories Licensing Corporation**
 (21) 2024200627
-
- (71) Dolby International AB (22) 05.02.2024
 (21) 2024200687
 (54) Backward-compatible integration of high frequency reconstruction techniques for audio signals
-
- (71) Dolby Laboratories Licensing Corporation; Dolby International AB (22) 01.02.2024
 (21) 2024200627
 (54) Rendering of audio objects with apparent size to arbitrary loudspeaker layouts
-
- (71) Dometic Sweden AB (22) 05.02.2024
 (21) 2024200685
 (54) Mobile cooking box with handle module
-
- (71) Double Double D, LLC (22) 02.02.2024
 (21) 2024200662
 (54) DEGRADABLE CONTAINMENT FEATURES
-
- (71) Dräger Safety AG & Co. KGaA (22) 02.02.2024
 (21) 2024200664
 (54) Process for Analyzing Data of at Least One Mobile Gas Measuring Device and of a Stationary Gas Measuring Device as Well as System for Monitoring at Least One Gas Concentration
-
- (71) DRILL RIG SPARES PTY LTD (22) 02.02.2024
 (21) 2024200668
 (54) DRILLING ATTACHMENT AND SYSTEM
-
- (71) DSG Technology Holdings Ltd. (22) 02.02.2024
 (21) 2024200669
 (54) ABSORBENT MATERIAL, AND SYSTEM AND METHOD OF MAKING SAME
-
- (71) Eli Lilly and Company (22) 01.02.2024
 (21) 2024200626
 (54) Methods and apparatus for determining device dosage
-
- (71) Embody, Inc. (22) 31.01.2024
 (21) 2024200575
 (54) BRAIDED SURGICAL IMPLANTS
-
- (71) Emergex, LLC (22) 02.02.2024
 (21) 2024200653
 (54) SYSTEM AND METHOD FOR FACILITATING AFFECTIVE-STATE-BASED ARTIFICIAL INTELLIGENCE

Complete Applications Filed - Name Index cont'd

(71) Escala Medical Ltd. (21) 2024200602 (22) 31.01.2024 (54) Anchor delivery system and method	(71) Gollan, M. (21) 2024200576 (22) 31.01.2024 (54) METHODS AND SYSTEMS FOR FACILITATING PAYMENT TRANSACTION RECONCILIATION	(71) Huawei Technologies Co., Ltd. (21) 2024200707 (22) 06.02.2024 (54) AN ENCODER, A DECODER AND CORRESPONDING METHODS FOR INTRA PREDICTION
(71) F. Hoffmann-La Roche AG (21) 2024200623 (22) 01.02.2024 (54) Type II anti-CD20 antibody for reducing formation of anti-drug antibodies	(71) Google LLC (21) 2024200600 (22) 31.01.2024 (54) REDUCING ERRORS WITH CIRCUIT GAUGE SELECTION	(71) Huawei Technologies Co., Ltd. (21) 2024200708 (22) 06.02.2024 (54) AN ENCODER, A DECODER AND CORRESPONDING METHODS FOR INTRA PREDICTION
(71) FibroBiologics, Inc. (21) 2024200699 (22) 06.02.2024 (54) Reuse of fibroblasts for skin augmentation	(71) Google LLC (21) 2024200648 (22) 02.02.2024 (54) ASSISTANT DEVICE ARBITRATION USING WEARABLE DEVICE DATA	(71) Huawei Technologies Co., Ltd. (21) 2024200725 (22) 06.02.2024 (54) Deblocking filter for sub-partition boundaries caused by intra sub-partition coding tool
(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2024200633 (22) 02.02.2024 (54) NASAL CANNULA	(71) Google LLC (21) 2024200652 (22) 02.02.2024 (54) USER MEDIATION FOR HOT-WORD/KEYWORD DETECTION	(71) Huawei Technologies Co., Ltd. (21) 2024200744 (22) 07.02.2024 (54) INDICATION METHOD FOR PUNCTURING INFORMATION, AND COMMUNICATION APPARATUS
(71) Fleecegrow Limited (21) 2024200613 (22) 01.02.2024 (54) A Growing Media and Process of Fabrication Therefore	(71) Google LLC (21) 2024200711 (22) 06.02.2024 (54) MANAGING SECURITY KEYS IN A COMMUNICATION SYSTEM	(71) Hubbell Incorporated (21) 2024200625 (22) 01.02.2024 (54) Whip and loop interrupter combination
(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. (21) 2024200696 (22) 05.02.2024 (54) Matrix based intra prediction with mode-global settings	(71) Gracenote, Inc. (21) 2024200622 (22) 01.02.2024 (54) Methods and apparatus to fingerprint an audio signal via exponential normalization	(71) IDEXX Laboratories, Inc. (21) 2024200654 (22) 02.02.2024 (54) Methods and systems for x-ray imaging and labeling
(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. (21) 2024200715 (22) 06.02.2024 (54) Method, device and computer program for detecting one or more objects in the seabed	(71) Grosafe Chemicals Limited (21) 2024200589 (22) 31.01.2024 (54) COMPOSITION FOR WEED CONTROL	(71) IHI Corporation (21) 2024200701 (22) 06.02.2024 (54) Operation support device, operation support method, and operation support program
(71) Fredette, B. (21) 2024200710 (22) 06.02.2024 (54) System and method for managing event access rights	(71) H. Lundbeck A/S. (21) 2024200599 (22) 31.01.2024 (54) Humanized anti-PACAP antibodies and uses thereof	(71) IHI Corporation (21) 2024200739 (22) 07.02.2024 (54) Energy distribution control for smart grid
Fysh, D. see Specialty Powdercoating Pty Ltd (21) 2024200736	(71) Halliburton Energy Services, Inc. (21) 2024200729 (22) 06.02.2024 (54) Self-orienting selective lockable assembly to regulate subsurface depth and positioning	(71) IHI Corporation (21) 2024200740 (22) 07.02.2024 (54) Operation plan creation device and operation plan creation method
(71) Georg Fischer Rohrleitungssysteme AG (21) 2024200661 (22) 02.02.2024 (54) Closing mechanism of shut-off valve	Harbin Institute of Technology see Glory Light Technology (Harbin) Co., Ltd. (21) 2024200745	(71) Illinois Tool Works Inc. (21) 2024200597 (22) 31.01.2024 (54) Wiper blade packaging
(71) Glory Light Technology (Harbin) Co., Ltd.; Harbin Institute of Technology (21) 2024200745 (22) 07.02.2024 (54) COMBINED MONOLITHIC UNIFORM LIGHTING DEVICE BASED ON LENSES AND SAWTOOTH GRATINGS	(71) HONEYWELL INTERNATIONAL INC. (21) 2024200645 (22) 02.02.2024 (54) METHOD AND SYSTEM TO DETERMINE THE SIZE OF A GAS EMISSION EXPelled FROM A PROCESSING FACILITY	(71) ImmunityBio, Inc. (21) 2024200673 (22) 03.02.2024 (54) Generating CIK NKT cells from cord blood
		(71) Implantica Patent Ltd (21) 2024200671 (22) 02.02.2024

Complete Applications Filed - Name Index cont'd

- (54) System And Method For Thermal Treatment Of Hypertension, Hypotension Or Aneurysm
-
- (71) Intercontinental Great Brands LLC
(21) 2024200651 (22) 02.02.2024
(54) Confectionery chip product; and methods of making the same
-
- (71) Intervet International B.V.
(21) 2024200640 (22) 02.02.2024
(54) SYSTEM AND METHOD FOR DETERMINING STATUS OF HEALTH OF ANIMALS ARRIVING AT A FEED LOCATION
-
- (71) Intuit Inc.
(21) 2024200598 (22) 31.01.2024
(54) Automated user experience orchestration using natural language based machine learning techniques
-
- (71) iRobot Corporation
(21) 2024200637 (22) 02.02.2024
(54) Brush for autonomous cleaning robot
-
- Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.**
(21) 2024200716
-
- (71) KINGSMEAD HOLDINGS (SW) LIMITED
(21) 2024200749 (22) 07.02.2024
(54) WALL ASSEMBLY
-
- (71) Kobelco Construction Machinery Co., Ltd.
(21) 2024200595 (22) 31.01.2024
(54) Weight
-
- (71) Koninklijke Douwe Egberts B.V.
(21) 2024200636 (22) 02.02.2024
(54) A capsule, a system for preparing a potable beverage from such a capsule and use of such a capsule in a beverage preparation device
-
- (71) Lexur Limited
(21) 2024200615 (22) 01.02.2024
(54) MATERIAL SHAPING METHOD AND SHAPED PRODUCTS
-
- (71) LG Electronics Inc.
(21) 2024200618 (22) 01.02.2024
(54) CODING OF INFORMATION ABOUT TRANSFORM KERNEL SET
-
- (71) LG Electronics Inc.
(21) 2024200619 (22) 01.02.2024
-
- (54) TRANSFORM FOR MATRIX-BASED INTRA-PREDICTION IN IMAGE CODING
-
- (71) LG Electronics Inc.
(21) 2024200638 (22) 02.02.2024
(54) Transform-based image coding method and device therefor
-
- (71) LG Electronics Inc.
(21) 2024200646 (22) 02.02.2024
(54) IMAGE/VIDEO ENCODING/DECODING METHOD AND DEVICE
-
- (71) LG Electronics Inc.
(21) 2024200674 (22) 04.02.2024
(54) PORTABLE DISPLAY DEVICE AND CONTROL METHOD FOR THE SAME
-
- (71) LG Electronics Inc.
(21) 2024200675 (22) 04.02.2024
(54) DISPLAY APPARATUS AND METHOD FOR CONTROLLING THE SAME
-
- (71) LG Electronics Inc.
(21) 2024200705 (22) 06.02.2024
(54) IMAGE ENCODING/DECODING METHOD, APPARATUS AND METHOD FOR TRANSMITTING BITSTREAM USING MAXIMUM TRANSFORM SIZE LIMITATION OF CHROMA COMPONENT CODING BLOCK
-
- (71) LG Electronics Inc.
(21) 2024200721 (22) 06.02.2024
(54) IMAGE ENCODING/DECODING METHOD AND APPARATUS FOR DETERMINING PREDICTION MODE OF CHROMA BLOCK BY REFERING TO LUMA SAMPLE POSITION, AND METHOD FOR TRANSMITTING BITSTREAM
-
- (71) LIU, C.
(21) 2024200731 (22) 06.02.2024
(54) Innovative Process of Ordering and Creating Customisable Accessories and Jewellery
-
- (71) Longyear TM, Inc.
(21) 2024200635 (22) 02.02.2024
(54) Systems and methods for analyzing core using X-ray fluorescence
-
- (71) Magic Leap, Inc.
(21) 2024200691 (22) 05.02.2024
(54) Eyepieces for augmented reality display system
-
- (71) Mallinckrodt Pharmaceuticals Ireland Limited
(21) 2024200611 (22) 01.02.2024
(54) COMPENSATING FOR DISRUPTIONS IN BREATHING GAS FLOW MEASUREMENT
-
- (71) Massachusetts Institute of Technology
(21) 2024200621 (22) 01.02.2024
(54) SYSTEMS AND METHODS FOR PREVENTING, MITIGATING, AND/OR TREATING DEMENTIA
-
- (71) MasterCard International Incorporated
(21) 2024200694 (22) 05.02.2024
(54) A system and method of managing data injection into an executing data processing system
-
- (71) McElroy Manufacturing, Inc.
(21) 2024200713 (22) 06.02.2024
(54) Facer for end fusion of polyolefin pipes
-
- (71) Medela Holding AG
(21) 2024200706 (22) 06.02.2024
(54) BREAST PUMP
-
- (71) MedImmune Limited
(21) 2024200601 (22) 31.01.2024
(54) ANTIBODIES TO ALPHA-SYNUCLEIN AND USES THEREOF
-
- (71) Metagenomi, Inc.
(21) 2024200614 (22) 01.02.2024
(54) Class II, type V CRISPR systems
-
- (71) Metso Outotec Finland Oy
(21) 2024200608 (22) 31.01.2024
(54) MINING EQUIPMENT INSPECTION SYSTEM, MINING EQUIPMENT INSPECTION METHOD, AND MINING EQUIPMENT INSPECTION DEVICE
-
- (71) MFTB Holdco, Inc.
(21) 2024200714 (22) 06.02.2024
(54) Automated generation and use of building videos based on analysis of building floor plan information
-
- (71) MFTB Holdco, Inc.
(21) 2024200741 (22) 07.02.2024
(54) Automated building information determinations from floor plan structural analysis
-
- (71) MISSION SYSTEMS HOLDINGS PTY LTD.
(21) 2024200586 (22) 31.01.2024
(54) A DEVICE AND METHOD FOR DISABLING AN UNDERSEA MINE, AN

Complete Applications Filed - Name Index cont'd

<p>UNDERWATER TRANSPORT AND METHODS THEREFOR</p> <hr/> <p>(71) NA Vaccine Institute (21) 2024200631 (22) 01.02.2024 (54) Novel ribonucleic acid and pharmaceutical composition based on the same</p> <hr/> <p>(71) New Relic, Inc. (21) 2024200596 (22) 31.01.2024 (54) Systems and methods for providing an instant communication channel within integrated development environments</p> <hr/> <p>(71) Nguyen, D.T. (21) 2024200727 (22) 06.02.2024 (54) INNOVATED ALL-THREAD SUSPENDING MULTIBRACKET</p> <hr/> <p>(71) Novel Microdevices, LLC (21) 2024200642 (22) 02.02.2024 (54) AUTOMATED POINT-OF-CARE DEVICES FOR COMPLEX SAMPLE PROCESSING AND METHODS OF USE THEREOF</p> <hr/> <p>(71) Optimum Tracker SAS (21) 2024200584 (22) 31.01.2024 (54) Solar array with a reference solar power plant for an improved management</p> <hr/> <p>(71) Orama Minimal Frames Ltd (21) 2024200728 (22) 06.02.2024 (54) SEMI-INVISIBLE COMBINATION FOR SLIDING DOORS WHICH ALLOWS THE UNHINDERED PASSAGE</p> <hr/> <p>(71) Panasonic Intellectual Property Corporation of America (21) 2024200587 (22) 31.01.2024 (54) ENCODER, DECODER, ENCODING METHOD, AND DECODING METHOD</p> <hr/> <p>(71) Reata Pharmaceuticals Holdings, LLC (21) 2024200693 (22) 05.02.2024 (54) Methods of treating Alport syndrome using bardoxolone methyl or analogs thereof</p> <hr/> <p>(71) Regeneron Pharmaceuticals, Inc. (21) 2024200577 (22) 31.01.2024 (54) NON-HUMAN ANIMALS EXPRESSING EXOGENOUS TERMINAL DEOXYNUCLEOTIDYLTRANSFERASE</p> <hr/> <p>(71) Rite-Hite Holding Corporation (21) 2024200657 (22) 02.02.2024 (54) Apparatus and methods for door curtain breakaway detection</p>	<hr/> <p>(71) Rovi Guides, Inc. (21) 2024200634 (22) 02.02.2024 (54) Methods and systems for providing relevant season series recording functionality</p> <hr/> <p>(71) Sage Therapeutics, Inc. (21) 2024200732 (22) 06.02.2024 (54) A crystalline 19-nor C3, 3-disubstituted C21-N-pyrazolyl steroid</p> <hr/> <p>(71) Samsung Electronics Co., Ltd. (21) 2024200678 (22) 05.02.2024 (54) VIDEO DECODING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM, AND VIDEO ENCODING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM</p> <hr/> <p>(71) Samsung Electronics Co., Ltd. (21) 2024200679 (22) 05.02.2024 (54) VIDEO DECODING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM, AND VIDEO ENCODING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM</p> <hr/> <p>(71) Samsung Electronics Co., Ltd. (21) 2024200680 (22) 05.02.2024 (54) VIDEO DECODING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM, AND VIDEO ENCODING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM</p> <hr/> <p>(71) SEQUENCESHIFT HOLDINGS PTY LTD (21) 2024200689 (22) 05.02.2024 (54) A SYSTEM FOR STORING DATA IN A DATABASE IN A DEVALUED FORMAT</p> <hr/> <p>(71) Seres Therapeutics, Inc. (21) 2024200663 (22) 02.02.2024 (54) DESIGNED BACTERIAL COMPOSITIONS</p> <hr/> <p>(71) Société des Produits Nestlé S.A. (21) 2024200698 (22) 06.02.2024 (54) Methods and compositions for increasing energy expenditure using cinnamaldehyde</p> <hr/> <p>(71) Solera Holdings, LLC (21) 2024200682 (22) 05.02.2024 (54) IDENTIFICATION AND USE OF GREENHOUSE GAS EMISSION ESTIMATES ASSOCIATED WITH VEHICLE REPAIR FACILITIES</p> <hr/> <p>(71) Solubag SpA (21) 2024200606 (22) 31.01.2024 (54) Water-degradable bag</p> <hr/> <p>(71) Specialty Powdercoating Pty Ltd; Fysh, D. (21) 2024200736 (22) 06.02.2024 (54) POWDER COATING OVEN, APPARATUS AND METHOD</p> <hr/> <p>(71) Spoke Sciences, Inc. (21) 2024200704 (22) 06.02.2024 (54) Fast-acting plant-based medicinal compounds and nutritional supplements</p> <hr/> <p>(71) SR Labs, Inc. (21) 2024200660 (22) 02.02.2024 (54) Distributing digital cinema package (DCP) over internet</p> <hr/> <p>(71) State Asphalts NSW Pty Ltd (21) 2024200583 (22) 31.01.2024 (54) Asphalt additive</p> <hr/> <p>(71) StemoniX Inc. (21) 2024200581 (22) 31.01.2024 (54) Method of using human spheroids for drug discovery</p> <hr/> <p>(71) Stepan Company (21) 2024200726 (22) 06.02.2024 (54) FOLIAR WETTING ENHANCEMENT BY AN ALKOXYLATED ALCOHOL</p> <hr/> <p>(71) TearSolutions, Inc.; University of Virginia Patent Foundation, d/b/a University of Virginia Licensing & Ventures Group (21) 2024200748 (22) 07.02.2024 (54) Stable peptide compositions</p> <hr/> <p>(71) Techtronic Cordless GP (21) 2024200604 (22) 31.01.2024 (54) Power tool including interface for connecting accessory attachments</p> <hr/> <p>(71) Techtronic Cordless GP (21) 2024200605 (22) 31.01.2024 (54) Bus bar for battery pack and battery pack including the same</p> <hr/> <p>(71) The Cleveland Clinic Foundation (21) 2024200658 (22) 02.02.2024 (54) Capric acid and myristic acid compositions for treating conditions</p> <hr/> <p>(71) The IPE Clip Fastener Company, LLC (21) 2024200610 (22) 01.02.2024 (54) Height and slope adjustable pedestal</p>
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Complete Applications Filed - Name Index cont'd

(71) Tokamak Energy Ltd
 (21) 2024200590 (22) 31.01.2024
 (54) HIGH TEMPERATURE SUPERCONDUCTOR MAGNET

(71) Tompkins Robotics, Inc.
 (21) 2024200676 (22) 04.02.2024
 (54) PARCEL AND ARTICLE SORTING SYSTEM AND METHOD WITH DESTINATION CONTAINER REMOVAL

(71) Translate Bio, Inc.
 (21) 2024200738 (22) 07.02.2024
 (54) IMPROVED ICE-BASED LIPID NANO-PARTICLE FORMULATION FOR DELIVERY OF mRNA

(71) Trina Solar Co., Ltd
 (21) 2024200723 (22) 06.02.2024
 (54) Back-contact solar cell and method for producing back-contact solar cell

(71) Tritana Intellectual Property Ltd.
 (21) 2024200692 (22) 05.02.2024
 (54) CUTTING BLADE

(71) Uber Technologies, Inc.
 (21) 2024200641 (22) 02.02.2024
 (54) MEMORY CRASH PREVENTION FOR A COMPUTING DEVICE

(71) Universite d'Aix-Marseille; Centre National De La Recherche Scientifique
 (21) 2024200667 (22) 02.02.2024
 (54) Optical device for detecting and quantifying volatile compounds

(71) University of Maryland, College Park
 (21) 2024200730 (22) 06.02.2024
 (54) HIGH TEMPERATURE SINTERING SYSTEMS AND METHODS

(71) University of Pittsburgh - Of the Commonwealth System of Higher Education
 (21) 2024200617 (22) 01.02.2024
 (54) ECM HYDROGEL FOR TREATING ESOPHAGEAL INFLAMMATION

University of Virginia Patent Foundation, d/b/a University of Virginia Licensing & Ventures Group see TearSolutions, Inc.
 (21) 2024200748

(71) Victaulic Company
 (21) 2024200593 (22) 31.01.2024
 (54) Dry sprinkler system manifold adapter

(71) Wing Aviation LLC
 (21) 2024200630 (22) 01.02.2024

(54) Unsupervised anomaly detection for autonomous vehicles

(71) Wonderland Switzerland AG
 (21) 2024200655 (22) 02.02.2024
 (54) BASKET AND STROLLER WITH THE BASKET

(71) XSB, Inc.
 (21) 2024200665 (22) 02.02.2024
 (54) SYSTEMS AND METHODS FOR CREATING, EDITING, STORING AND RETRIEVING KNOWLEDGE CONTAINED IN SPECIFICATION DOCUMENTS

(71) Xuzhou XCMG Excavator Machinery Co., Ltd
 (21) 2024200677 (22) 05.02.2024
 (54) CONTROL METHOD, DEVICE OF BREAKING HAMMER, SYSTEM OF BREAKING HAMMER AND STORAGE MEDIUM

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
 (21) 2024200716 (22) 06.02.2024
 (54) Semiconductor Substrate, Solar Cell, and Photovoltaic Module

(71) Zhejiang Narada Power Source Co., Ltd.
 (21) 2024200733 (22) 06.02.2024
 (54) COMPOSITE CATHODE FRAME ASSEMBLY, BATTERY CELL AND ASSEMBLY METHOD OF BATTERY CELL

Numerical Index

2023274067	Diehl Energy Products GmbH; Diehl Defence GmbH & Co. KG	2024200644	DEKA Products Limited Partnership
2024200574	Deere & Company	2024200645	HONEYWELL INTERNATIONAL INC.
2024200575	Embody, Inc.	2024200646	LG Electronics Inc.
2024200576	Gollan, M.	2024200647	Aqua Yield Operations, Inc.
2024200577	Regeneron Pharmaceuticals, Inc.	2024200648	Google LLC
2024200578	Actym Therapeutics, Inc.	2024200649	Alchin Long Group IP Pty Limited
2024200579	Aeromech Pty Ltd	2024200650	Brown, D.
2024200580	Canon Kabushiki Kaisha	2024200651	Intercontinental Great Brands LLC
2024200581	Stemonix Inc.	2024200652	Google LLC
2024200583	State Asphalts NSW Pty Ltd	2024200653	Emerges, LLC
2024200584	Optimum Tracker SAS	2024200654	IDEXX Laboratories, Inc.
2024200586	MISSION SYSTEMS HOLDINGS PTY LTD.	2024200655	Wonderland Switzerland AG
2024200587	Panasonic Intellectual Property Corporation of America	2024200656	Cornell University
2024200589	Grosafe Chemicals Limited	2024200657	Rite-Hite Holding Corporation
2024200590	Tokamak Energy Ltd	2024200658	The Cleveland Clinic Foundation
2024200592	Dana-Farber Cancer Institute, Inc.	2024200659	Ascendis Pharma Growth Disorders A/S
2024200593	Victaulic Company	2024200660	SR Labs, Inc.
2024200595	Kobelco Construction Machinery Co., Ltd.	2024200661	Georg Fischer Rohrleitungssysteme AG
2024200596	New Relic, Inc.	2024200662	Double Double D, LLC
2024200597	Illinois Tool Works Inc.	2024200663	Seres Therapeutics, Inc.
2024200598	Intuit Inc.	2024200664	Dräger Safety AG & Co. KGaA
2024200599	H. Lundbeck A/S.	2024200665	XSB, Inc.
2024200600	Google LLC	2024200666	Cotron Corporation
2024200601	MedImmune Limited	2024200667	Universite d'Aix-Marseille; Centre National De La Recherche Scientifique
2024200602	Escala Medical Ltd.	2024200668	DRILL RIG SPARES PTY LTD
2024200603	Arbutus Biopharma Corporation	2024200669	DSG Technology Holdings Ltd.
2024200604	Techtronic Cordless GP	2024200670	BASF SE
2024200605	Techtronic Cordless GP	2024200671	Implantica Patent Ltd
2024200606	Solubag SpA	2024200672	BEYONDSPRING PHARMACEUTICALS, INC.
2024200607	Boston Scientific Scimed, Inc.	2024200673	ImmunityBio, Inc.
2024200608	Metso Outotec Finland Oy	2024200674	LG Electronics Inc.
2024200609	CEEK Women's Health, Inc.	2024200675	LG Electronics Inc.
2024200610	The IPE Clip Fastener Company, LLC	2024200676	Tompkins Robotics, Inc.
2024200611	Mallinckrodt Pharmaceuticals Ireland Limited	2024200677	Xuzhou XCMG Excavator Machinery Co., Ltd
2024200612	Deere & Company	2024200678	Samsung Electronics Co., Ltd.
2024200613	Fleecegrow Limited	2024200679	Samsung Electronics Co., Ltd.
2024200614	Metagenomi, Inc.	2024200680	Samsung Electronics Co., Ltd.
2024200615	Lexur Limited	2024200681	Adobe Inc.
2024200616	Dolby International AB	2024200682	Solera Holdings, LLC
2024200617	University of Pittsburgh - Of the Commonwealth System of Higher Education	2024200683	Dermal Biomics, Inc.
2024200618	LG Electronics Inc.	2024200684	Acceleron Pharma Inc.
2024200619	LG Electronics Inc.	2024200685	Dometic Sweden AB
2024200621	Massachusetts Institute of Technology	2024200686	Cosmo Artificial Intelligence - Ai Limited
2024200622	Gracenote, Inc.	2024200687	Dolby International AB
2024200623	F. Hoffmann-La Roche AG	2024200688	Amgen Inc.
2024200624	Ariad Pharmaceuticals, Inc.	2024200689	SEQUENCESHIFT HOLDINGS PTY LTD
2024200625	Hubbell Incorporated	2024200690	Dental Robotics Group B.V.
2024200626	Eli Lilly and Company	2024200691	Magic Leap, Inc.
2024200627	Dolby Laboratories Licensing Corporation; Dolby International AB	2024200692	Tritana Intellectual Property Ltd.
2024200628	ConMed Corporation	2024200693	Reata Pharmaceuticals Holdings, LLC
2024200629	Acer Incorporated	2024200694	MasterCard International Incorporated
2024200630	Wing Aviation LLC	2024200695	Agricultural Environment and Resources Institute, Yunnan Academy of Agricultural Sciences
2024200631	NA Vaccine Institute	2024200696	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2024200632	Angel Group Co., Ltd.	2024200697	Aristocrat Technologies, Inc.
2024200633	FISHER & PAYKEL HEALTHCARE LIMITED	2024200698	Société des Produits Nestlé S.A.
2024200634	Rovi Guides, Inc.	2024200699	FibroBiologics, Inc.
2024200635	Longyear TM, Inc.	2024200700	Adobe Inc.
2024200636	Koninklijke Douwe Egberts B.V.	2024200701	IHI Corporation
2024200637	iRobot Corporation	2024200703	Disarm Therapeutics, Inc.
2024200638	LG Electronics Inc.	2024200704	Spoke Sciences, Inc.
2024200639	Aerofoil Energy Ltd	2024200705	LG Electronics Inc.
2024200640	Intervet International B.V.	2024200706	Medela Holding AG
2024200641	Uber Technologies, Inc.	2024200707	Huawei Technologies Co., Ltd.
2024200642	Novel Microdevices, LLC	2024200708	Huawei Technologies Co., Ltd.
2024200643	Boston Scientific Scimed, Inc.	2024200709	BeyondSpring Pharmaceuticals, Inc.

Complete Applications Filed - Numerical Index cont'd

2024200710	Fredette, B.
2024200711	Google LLC
2024200712	Acer Incorporated
2024200713	McElroy Manufacturing, Inc.
2024200714	MFTB Holdco, Inc.
2024200715	Fraunhofer-Gesellschaft zur Förderung der ange-wandten Forschung e.V.
2024200716	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2024200717	Alnylam Pharmaceuticals, Inc.
2024200718	Brown, D.
2024200719	A2 Biotherapeutics, Inc.
2024200721	LG Electronics Inc.
2024200722	Avalotu P/L
2024200723	Trina Solar Co., Ltd
2024200724	Agios Pharmaceuticals, Inc.
2024200725	Huawei Technologies Co., Ltd.
2024200726	Stepan Company
2024200727	Nguyen, D.T.
2024200728	Orama Minimal Frames Ltd
2024200729	Halliburton Energy Services, Inc.
2024200730	University of Maryland, College Park
2024200731	LIU, C.
2024200732	Sage Therapeutics, Inc.
2024200733	Zhejiang Narada Power Source Co., Ltd.
2024200734	Dalian Institute of Chemical Physics, Chinese Academy of Sciences
2024200735	Crown Equipment Corporation
2024200736	Specialty Powdercoating Pty Ltd; Fysh, D.
2024200737	Cell Therapy and Technology S.A. De C.V.
2024200738	Translate Bio, Inc.
2024200739	IHI Corporation
2024200740	IHI Corporation
2024200741	MFTB Holdco, Inc.
2024200744	Huawei Technologies Co., Ltd.
2024200745	Glory Light Technology (Harbin) Co., Ltd.; Harbin Institute of Technology
2024200748	TearSolutions, Inc.; University of Virginia Patent Foundation, d/b/a University of Virginia Licensing & Ventures Group
2024200749	KINGSMEAD HOLDINGS (SW) LIMITED

Innovation Patent Applications Filed**Name Index**

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

(71) Blastone Technology Pty Ltd
(21) 2024100003 **(22)** 31.01.2024
(54) A SILENCER FOR A BLAST NOZZLE
(62) 2021106858

Numerical Index

2024100003 Blastone Technology Pty Ltd

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

N	Applications not Open to Public Inspection
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2004

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2004207050 (14)	2004207151 (14)	2004207544 (14)
2004207557 (14)	2004207584 (14)	2004207692 (14)
2004207793 (14)	2004207819 (14)	2004207820 (14)
2004207826 (14)	2004207833 (14)	2004208030 (14)
2004208084 (14)	2004208089 (14)	2004208135 (14)
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2005

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2005264788 (14)	2005264790 (14)	2005266943 (14)
2005267004 (14)	2005267078 (14)	2005269662 (14)
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2006

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2006270106 (14)	2006270824 (14)	2006272374 (14)
2006272443 (14)	2006272886 (14)	2006274239 (14)
2006274252 (14)	2006346396 (14)	

2007

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2008

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2009273302 (14)	2009274131 (14)	2009274137 (14)
2009274630 (14)		

2010

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2010214746 (14)	2010235871 (14)	2010236038 (14)
2010257343 (14)	2010273144 (14)	2010274320 (14)
2010274827 (14)	2010276194 (14)	2010276211 (14)
2010276227 (14)	2010276264 (14)	2010281503 (14)

2011

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2011204814 (14)	2011205222 (14)	2011236061 (14)
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2011281697 (14)	2011284325 (14)	2011285025 (14)
2011286291 (14)	2011373925 (14)	

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2013293247 (14)	2013296129 (14)	2013308131 (14)
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2015289430 (14)	2015292616 (14)	2015293633 (14)

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2016301021 (14)	2016304144 (14)	2016306275 (5C)	2021104277 (22E)	2021104278 (22E)	2021104279 (22E)
2016307009 (14)	2016332948 (14)	2016349280 (25D)	2021104280 (22E)	2021104281 (22E)	2021104282 (22E)
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2017			2021104298 (22E)	2021104302 (22E)	2021104303 (22E)
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2017276323 (5C)	2017279611 (14)	2017298251 (14)	2021104317 (22E)	2021104318 (22E)	2021104319 (22E)
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2018			2021104351 (22E)	2021104353 (22E)	2021104354 (22E)
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2018206715 (14)	2018206755 (5C)	2018206801 (14)	2021104358 (22E)	2021104359 (22E)	2021104360 (22E)
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2018231765 (5C)	2018244805 (25D)	2018249607 (5C)	2021104371 (22E)	2021104374 (22E)	2021104376 (22E)
2018257242 (5C)	2018302097 (4C)	2018302098 (4C)	2021104377 (22E)	2021104378 (22E)	2021104379 (22E)
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2018304200 (4C)	2018304230 (4C)	2018304290 (14)	2021104394 (22E)	2021104395 (22E)	2021104396 (22E)
2018305146 (4C)	2018305864 (4C)	2018305878 (4C)	2021104399 (22E)	2021104400 (22E)	2021104401 (22E)
2018305892 (14)	2018307470 (14)	2018310847 (4C)	2021104402 (22E)	2021104403 (22E)	2021104404 (22E)
2018331793 (4C)	2018389263 (5C)	2018393781 (5C)	2021104405 (22E)	2021104406 (22E)	2021104407 (22E)
2018422283 (4C)	2018422284 (4C)		2021104408 (22E)	2021104410 (22E)	2021104411 (22E)
			2021104412 (22E)	2021104413 (22E)	2021104415 (22E)
2019			2021104416 (22E)	2021104417 (22E)	2021104418 (22E)
2019100775 (22E)	2019100785 (22E)	2019101806 (22)	2021104419 (22E)	2021104423 (22E)	2021104424 (22E)
2019201012 (1B)	2019201013 (1B)	2019201037 (1B)	2021104425 (22E)	2021104429 (22E)	2021104431 (22E)
2019206048 (4A)	2019206083 (4A)	2019206096 (14)	2021104433 (22E)	2021104434 (22E)	2021104437 (22E)
2019206100 (4A)	2019206102 (14)	2019206133 (4A)	2021104440 (22E)	2021104441 (22E)	2021104442 (22E)
2019206134 (4A)	2019208186 (4B)	2019223310 (12C)	2021104443 (22E)	2021104444 (22E)	2021104445 (22E)
2019261759 (14)	2019305075 (4C)	2019306267 (4C)	2021104446 (22E)	2021104447 (22E)	2021104448 (22E)
2019307923 (4C)	2019309727 (14)	2019309786 (4C)	2021104449 (22E)	2021104451 (22E)	2021104452 (22E)
2019310040 (4C)	2019311251 (14)	2019319257 (4B)	2021104455 (22E)	2021104456 (22E)	2021104457 (22E)
2019320399 (4C)	2019325191 (4B)	2019379869 (14)	2021104458 (22E)	2021104459 (22E)	2021104460 (22E)
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2020101391 (22E)	2020101396 (22E)	2020101417 (22E)	2021104482 (22E)	2021104483 (22E)	2021104484 (22E)
2020101426 (22E)	2020101461 (22E)	2020200021 (14)	2021104485 (22E)	2021104486 (22E)	2021104487 (22E)
2020200168 (14)	2020200311 (1B)	2020200828 (14)	2021104488 (22E)	2021104489 (22E)	2021104490 (22E)
2020201013 (1B)	2020201038 (14)	2020201072 (1B)	2021104493 (22E)	2021104494 (22E)	2021104496 (22E)
2020201152 (1B)	2020201158 (1B)	2020220545 (1B)	2021104497 (22E)	2021104499 (22E)	2021104500 (22E)
2020220830 (1B)	2020220879 (1B)	2020220942 (1B)	2021104501 (22E)	2021104502 (22E)	2021104504 (22E)
2020221243 (1B)	2020221276 (1B)	2020221291 (1B)	2021104506 (22E)	2021104507 (22E)	2021104510 (22E)
2020221370 (1B)	2020221371 (1B)	2020221384 (1B)	2021104511 (22E)	2021104512 (22E)	2021104513 (22E)
2020221578 (1B)	2020221613 (1B)	2020221837 (1B)	2021104514 (22E)	2021104515 (22E)	2021200459 (14)
2020221850 (1B)	2020222230 (1B)	2020222274 (1B)	2021201240 (5C)	2021202735 (4C)	2021203635 (4C)
2020222279 (1B)	2020222335 (1B)	2020222336 (1B)	2021203810 (4C)	2021204330 (5C)	2021209292 (5C)
2020222507 (1B)	2020222975 (1B)	2020223150 (1B)	2021212050 (4C)	2021212161 (25D)	2021221865 (5C)
2020223160 (1B)	2020223192 (1B)	2020223230 (1B)	2021236543 (5C)	2021245225 (5C)	2021257906 (5C)
2020223282 (1B)	2020223584 (1B)	2020223768 (4C)	2021261860 (5C)	2021277711 (5C)	2021277727 (4C)
2020223826 (1B)	2020223904 (1B)	2020224073 (1B)	2021282485 (5C)	2021286373 (5C)	2021290401 (5C)
2020224620 (1B)	2020225286 (1B)	2020225324 (1B)			

2022

2022200392 (5C) 2022201354 (5C) 2022201590 (5C)
 2022202034 (5C) 2022202326 (4C) 2022203398 (25D)
 2022209257 (4C) 2022218591 (4C) 2022235526 (5C)
 2022275475 (5C) 2022275524 (4C)

2023

2023203237 (4C) 2023203999 (4C) 2023266260 (1B)
 2023266287 (1B) 2023266295 (1B) 2023266298 (1B)
 2023266341 (1B) 2023266352 (1B) 2023266370 (1B)
 2023900283 (12AN) 2023900699 (12AN) 2023901779 (12AN)

Assignments before Grant, Section 113**2018**

2018278336 Sierra Oncology, Inc. The application has been assigned to **CRT Pioneer Fund LP**

2018357984 Xenikos BV The application has been assigned to **Philikos B.V.**

2019

2019220351 Pulse Engineering Services Limited The application has been assigned to **Prime Maintenance Limited**

2019224164 Sierra Oncology, Inc. The application has been assigned to **CRT Pioneer Fund LP**

2019282093 Ruggli Projects AG The application has been assigned to **Ruggli AG**

2019340810 Ruggli Projects AG The application has been assigned to **Ruggli AG**

2019362215 Racing Optics, Inc. The application has been assigned to **Laminated Film LLC**

2019364361 Lion Brothers Company, Inc. The application has been assigned to **Avery Dennison Retail Information Services LLC**

2019383344 Dive Technologies Inc. The application has been assigned to **Anduril Industries, Inc.**

2020

2020216468 Racing Optics, Inc. The application has been assigned to **RO Technologies, LLC**

2020228337 Disputech IP Holdco Pty Ltd The application has been assigned to **ADR Technology Pty Ltd**

2020230978 Delica AG The application has been assigned to **Delica AG**

2020247935 The Trustees of Columbia University in the City of New York; Forkhead Biotherapeutics Inc. The application has been assigned to **The Trustees of Columbia University in the City of New York**

2020278490 Racing Optics, Inc. The application has been assigned to **RO Technologies, LLC**

Assignments before Grant, Section 113

2020348194 RiskLens, Inc. The application has been assigned to **Risklens, LLC**

2020376970 Prime X Connect Pty Ltd The application has been assigned to **NUI MARKETS AUSTRALIA PTY LIMITED**

2021

2021206184 Dive Technologies Inc. The application has been assigned to **Anduril Industries, Inc.**

2021213324 Fuel 3D Technologies Limited The application has been assigned to **ResMed Sensor Technologies Limited**

2021230114 Ruggli Projects AG The application has been assigned to **Ruggli AG**

2021246242 Carnegie Venture Capital Pty Limited The application has been assigned to **The Brain Protection Company Pty Ltd**

2021253122 Ruggli Projects AG The application has been assigned to **Ruggli AG**

2021272734 KenWave Solutions Inc. The application has been assigned to **VESI BOESMAN HOLDINGS INC.; KenWave Solutions Inc.**

2021308882 Pflieger, Felix The application has been assigned to **BORA - Vertriebs GmbH & Co KG**

2021329993 Alterity Therapeutics Limited The application has been assigned to **Adjuvant Biotechnology Pty Ltd**

2021348064 FORKHEAD BIOTHERAPEUTICS, INC. The application has been assigned to **The Trustees of Columbia University in the City of New York**

2021383588 Restaurant Technologies, Inc. The application has been assigned to **Brooks Equipment Company, LLC**

2022

2022202212 Gardner Denver, Inc. The application has been assigned to **Industrial Technologies and Services, LLC**

2022205940 INCARDA THERAPEUTICS, INC. The application has been assigned to **INAYA THERAPEUTICS, INC.**

2022234435 LEE, John; ILOBRE, Nicholas; RANDAZZO, Peter; GAJEWSKI, John; JOYCE, Michael; YONCHAK, David; ESPINAL, Dionisio; SCHULTZ, Matthew; LEGER, Kelly; BAVARO, Gerald; MERKLE, INC. The application has been assigned to **MERKLE, INC.**

2022259818 Sierra Oncology, Inc. The application has been assigned to **CRT Pioneer Fund LP**

2022261322 RUGGLI PROJECTS AG The application has been assigned to **Ruggli AG**

2022267160 KOTOBUKI PHARMACEUTICAL CO., LTD.; ASTELLAS PHARMA INC. The application has been assigned to **ASTELLAS PHARMA INC.**

Assignments before Grant, Section 113

2022279386 Protech Co., Ltd. The application has been assigned to **Autotac Inc.**

2023

2023202222 Lion (Aust) Consolidated Pty. Ltd. The application has been assigned to **MAYO HARDWARE PTY LTD**

2023229478 Pear Therapeutics (US), Inc. The application has been assigned to **WELT Corp., Ltd**

2023270234 Berg LLC The application has been assigned to **BPG-bio, Inc.**

2023900327 Sequenceshift Operations Pty Ltd The application has been assigned to **SEQUENCESHIFT HOLDINGS PTY LTD**

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

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

2013

2013397940 **Haidukewych, G.J.** An application to extend the time from 18 Nov 2022 to 18 Nov 2023 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2016

2016202517 **Saddington, H.** An application to extend the time from 24 May 2023 to 24 Dec 2023 in which to pay a renewal fee has been filed . Address for service - Hayley Saddington 1 Newton St Little Bay NSW 2036 AU

2018

2018258673 **Noel, H.** An application to extend the time from 27 Apr 2023 to 27 Nov 2023 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019204166 **HAIDUKEWYCH, G.** An application to extend the time from 18 Nov 2022 to 18 Nov 2023 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2019247641 **Zilentin AG** An application to extend the time from 05 Apr 2023 to 05 Dec 2023 in which to pay a renewal fee has been filed . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2019267458 **Bellicum Pharmaceuticals, Inc.** An application to extend the time from 06 May 2023 to 06 Dec 2023 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions of Time, Section 223**2021**

2021101435 **ERBERN PTY LTD** An application to extend the time from 19 Mar 2023 to 19 Dec 2023 in which to pay a renewal fee has been filed . Address for service - MGMTCNSLTNG PTY LTD 43 Winchester Ave NSW Lindfield NSW 2070 AU

2021102784 **Jiao, L.** An application to extend the time from 23 May 2023 to 23 Jan 2024 in which to pay a renewal fee has been filed . Address for service - WORLD FIELD (AUST) PTY. LTD. 2/314 Hammond Rd Dandenong South VIC 3175 AU

Applications Allowed - Section 223(2)**2006**

2006204334 **Cortendo AB (publ)** The time in which to pay a renewal fee has been extnd to 10 Nov 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015

2015358297 **ITC IP Holdings No 1 Pty Ltd** The time in which to pay a renewal fee has been extended to 04 Nov 2023 . Address for service - Jogias Patent & Trade Marks Attorneys 36 Manor Street EIGHT MILE PLAINS QLD 4113 AU

2016

2016405754 **ROC WATER TECHNOLOGIES (PTY) LTD** The time in which to gain acceptance has been extended to 25 May 2024 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2017

2017228844 **MYA Saray, LLC** The time in which to pay a renewal fee has been extended to 28 Sep 2023 . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

2019

2019212585 **Hall, P.; Eriksson, M.** The time in which to pay a renewal fee has been extended to 24 Sep 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020207399 **PPC Broadband, Inc.** The time in which to request examination has been extended to 17 Jan 2024 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020374919 **Dongbao Purple Star (Hangzhou) Biopharmaceutical Co., Ltd.** The time in which to gain acceptance has been extended to 29 Feb 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2021

2021414225 **PROPSEE LLC** The time in which to enter the National al Phase has been extended to 30 Sep 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2022

2022276737 **ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY** The time in which to enter the National

Extensions of Time, Section 223

Phase has been extended to 20 Jan 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2023

2023285847 **Nunhems B.V.** The time in which to claim the convention priority date has been extended to 20 Jan 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Amendments

Applications for Amendment

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

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

2011

2011304689 Environmentally sealed cable breakout assemblies **Huber+Suhner AG** The nature of the amendment is as shown in the statement(s) filed 03 Jan 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017211712 Methods and systems for drowning detection **COR-AL SMART POOL LTD** The nature of the amendment is as shown in the statement(s) filed 29 Nov 2023 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2017292936 Methods and compositions for transducing lymphocytes and regulating the activity thereof **Exuma Biotech, Corp.** The nature of the amendment is as shown in the statement(s) filed 30 Jan 2024 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2017295886 Treatment and prevention of cytokine release syndrome using a chimeric antigen receptor in combination with a kinase inhibitor **Novartis AG ; The Trustees of the University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017374588 Method for improving the sensorial properties of oil-in-water emulsions **TOTALENERGIES ONETECH ; Societe D'exploitation De Produits Pour Les Industries Chimiques Sep-pic** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2024 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2018

2018207283 Multi-arm polymer conjugates of TLR agonist compounds and related immunotherapeutic treatment methods **Nektar Therapeutics** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2018210272 Azolopyrimidine for the treatment of cancer-related disorders **Arcus Biosciences, Inc.** The nature of the amendment is as

Amendments

shown in the statement(s) filed 30 Jan 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019

2019217838 PSMA targeted radiohalogenated urea-polyamino-carboxylates for cancer radiotherapy **The Johns Hopkins University ; Duke University** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2019243283 Methods of treating ulcerative colitis **Eli Lilly and Company** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019245435 Indicia and method for identifying telecommunications components **CommScope Technologies LLC** The nature of the amendment is as shown in the statement(s) filed 24 Jan 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019301699 Engineered immunostimulatory bacterial strains and uses thereof **Actym Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2021

2021347367 FLUSH FRONT LANDSCAPE EDGING SYSTEM **Colmet LLC.** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022

2022200286 A CHILD SAFETY SEAT ROTATABLY MOUNTED ON A BASE **Britax Römer Kindersicherheit GmbH** The nature of the amendment is as shown in the statement(s) filed 15 Dec 2023 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2022202255 Invisible edge lens **Webb , A. ; Stowell , G.** The nature of the amendment is: Remove inventor Stowell, Graeme . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

Amendments Made

2016

2016298394 **Massachusetts Eye and Ear Infirmary; Schepens Eye Research Institute** The nature of the amendment is as shown in the statement(s) filed 16 Oct 2023

2017

2017236796 **Exuma Biotech, Corp.** The nature of the amendment is: Amend the name of the inventor to read Frost, Gregory Ian; Onuffer Jr., James Joseph; Guibinga, Ghiabe H. and Kundu, Anirban

2017261306 **The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.** The nature of the amendment is: Amend the invention title to

Amendments

read Filovirus consensus antigens, nucleic acid constructs and vaccines made therefrom, and methods of using same

2017292936 Exuma Biotech, Corp. The nature of the amendment is: Amend the name of the inventor to read Frost, Gregory Ian; Guibinga, Ghiabe H.; Onuffer Jr., James Joseph; Haerizadeh, Farzad and Kundu, Anirban

2018

2018211081 BioAtla, Inc.; Exuma Biotech, Corp. The nature of the amendment is: Amend the name of the inventor to read Frost, Gregory Ian; Onuffer Jr., James Joseph; Short, Jay M.; Frey, Gerhard and Chang, Hwai Wen

2018216969 Janssen Pharmaceutica NV The nature of the amendment is: Amend the name of the inventor to read Stuyckens, Kim; Perez Ruixo, Juan Jose; De Porre, Peter Marie Z.; Avadhani, Anjali Narayan; Loriot, Yohann; Sieker-Radtke, Arlene O. and O'Hagan, Anne

2018226884 Exuma Biotech, Corp. The nature of the amendment is: Amend the name of the inventor to read Frost, Gregory Ian; Onuffer Jr., James Joseph; Guibinga, Ghiabe H.; Haerizadeh, Farzad and Kundu, Anirban

2018364749 Biohaven Pharmaceutical Holding Company Ltd. The nature of the amendment is as shown in the statement(s) filed 08 Nov 2023

2018437328 NTT DOCOMO, INC. The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

2019

2019233882 Nippon Suisan Kaisha, Ltd. The nature of the amendment is: Amend the invention title to read FEED FOR FISH FARMING

2019239098 InfraSight Software Corporation The nature of the amendment is as shown in the statement(s) filed 07 Nov 2023

2019333324 Exuma Biotech, Corp The nature of the amendment is: Amend the name of the inventor to read FROST, Gregory Ian; ONUFFER Jr., James Joseph; HAERIZADEH, Farzad; VIGANT, Frederic and KUNDU, Anirban

2020

2020336230 EXUMA Biotech Corp. The nature of the amendment is: Amend the name of the inventor to read FROST, Gregory Ian; ONUFFER Jr., James Joseph; HAERIZADEH, Farzad; VIGANT, Frederic and KUNDU, Anirban

2020357554 Dropbox, Inc. The nature of the amendment is as shown in the statement(s) filed 31 Oct 2023

2020381240 AstraZeneca AB The nature of the amendment is as shown in the statement(s) filed 08 Nov 2023

2020392064 International Business Machines Corporation The nature of the amendment is as shown in the statement(s) filed 08 Nov 2023

Amendments**2021**

2021250935 Exuma Biotech, Corp. The nature of the amendment is: Amend the name of the inventor to read Frost, Gregory Ian; Onuffer Jr., James Joseph; Guibinga, Ghiabe H. and Kundu, Anirban

2021273502 Translate Bio, Inc. The nature of the amendment is: Amend the name of the inventor to read KARVE, Shrirang; DEROSA, Frank; VARGAS MONTOYA, Natalia; KHANMOHAMMED, Asad and ABYSALH, Jonathan

2021329413 University of Tennessee Research Foundation The nature of the amendment is: Amend the name of the inventor to read JABLONSKI, Monica M. and MOUSTAFA, Mohamed Moustafa Ibrahim

2021472508 HALLIBURTON ENERGY SERVICES, INC. The nature of the amendment is: Amend the name of the inventor to read GLAESMAN, Chad, William; FRIPP, Michael, Linley and VU, Nam, Thanh

2022

2022203027 Apple Inc. The nature of the amendment is: Amend the name of the inventor to read Os, Marcel Van; Abbasian, Reza; Anton, Peter D.; Behzadi, Arian; Bernstein, Jeffrey Traer; Dascola, Jonathan R.; Vries, Nathan De; Devine, Lynne; Dryer, Allison; Dye, Alan C.; Foss, Christopher Patrick; Griffin, Bradley W.; Ive, Jonathan P.; Lemmens, Cas; Malia, Joseph A.; Mari, Pedro; Mohseni, Daamun; Mouilleseaux, Jean-Pierre M.; Moussette, Camille; Paul, Grant; Preston, Daniel Trent; Pugh, Chelsea E.; Sharma, Praveen; Tyler, William M.; Verweij, Hugo; Yerkes, Giancarlo; Ying, Charles H. and Lindmeier, William D.

2022283436 XYONE THERAPEUTICS INC.; DANA-FARBER CANCER INSTITUTE, INC. The nature of the amendment is: Amend the name of the inventor to read KHARBANDA, Surender; PAN-CHAMOORTHY, Govindaswamy and KUFE, Donald, W.

2022321528 HUAWEI TECHNOLOGIES CO., LTD. The nature of the amendment is: Amend the invention title to read ENCODING AND DECODING METHOD, AND APPARATUS

2022324093 VOR BIOPHARMA INC. The nature of the amendment is as shown in the statement(s) filed 24 Jan 2024

2022325172 China University of Mining and Technology The nature of the amendment is: Amend the name of the inventor to read ZHU, Zhencai; YANG, Chunyu; ZHANG, Yidong; ZHANG, Xin; GU, Zhen and WANG, Qingguo

2022332557 MONDI AG The nature of the amendment is: Amend the invention title to read Method for packaging an object in a paper sack, and paper sack

2022399640 SYNAURA BIOTECHNOLOGY (SHANGHAI) CO., LTD. The nature of the amendment is: Amend the name of the inventor to read CHENG, Zhanbing; JIAO, Qi; TIAN, Zhenhua; WANG, Shu; XU, Xiaolan; YAO, Fei; LI, Miao; XU, Hong; HUANG, Chenxi and LIU, Yurou

2023

2023266338 ADOC SSF, LLC The nature of the amendment is: Amend the name of the inventor to read BETHUNE, Michael, T.; JAC-

Amendments

OBY, Kyle, Martin; BAO, Xiaoyan, Robert; DALMAS, Olivier; PAN, Zheng; SENNINO, Barbara; FRANZUSOFF, Alex and PENG, Songming

Alteration of Name(s) of Applicant(s)/Patentee(s)**2006**

2006261687 Ventria Bioscience The name of the patentee has been altered to **InVitria, Inc.**

2009

2009233523 SC Projects Pty Ltd; Babalon Pty Ltd The name of the patentee has been altered to **SC Projects Pty Ltd; Sapura Babalon Pty Ltd.**

2009233524 Babalon Pty Ltd ; SC Projects Pty Ltd The name of the patentee has been altered to **SC Projects Pty Ltd; Sapura Babalon Pty Ltd.**

2012

2012202834 Desire2Learn Incorporated The name of the patentee has been altered to **D2L Corporation**

2012209024 Desire2Learn Incorporated The name of the patentee has been altered to **D2L Corporation**

2012357247 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2012357465 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. ; VENSYS Energy AG The name of the patentee has been altered to **VENSYS Energy AG; GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2014

2014408568 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2015

2015226662 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2015274121 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2015309506 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2015379814 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2015379815 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

Amendments

2015391632 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2015402034 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2017

2017227662 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2017250071 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2017352549 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2017363221 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2017374588 Societe D'exploitation De Produits Pour Les Industries Chimiques Seppic; Total Marketing Services The name of the applicant has been altered to **TOTALENERGIES ONETECH; Societe D'exploitation De Produits Pour Les Industries Chimiques Seppic**

2017433607 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2018

2018206753 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2018222474 Clariant Plastics & Coatings Ltd The name of the patentee has been altered to **Avient Switzerland GmbH**

2018222799 Clariant Plastics & Coatings Ltd The name of the patentee has been altered to **Avient Switzerland GmbH**

2018241181 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2018260979 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2018284723 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2018334591 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

Amendments

2018374067 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2018374074 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2018412623 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2018424215 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2019

2019226142 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2019300235 Clariant Plastics & Coatings Ltd The name of the patentee has been altered to **Avient Switzerland GmbH**

2019327891 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2019335165 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2019346028 GenKyoTex Suisse SA The name of the applicant has been altered to **Calliditas Therapeutics Suisse SA**

2020

2020221845 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2020256485 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020265920 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020266630 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020266635 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020266898 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

Amendments

2020274091 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2020363503 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020373587 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020374439 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020375666 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020387700 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020389525 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020389897 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020395256 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2020397366 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020398175 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2020398913 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2020401898 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020402903 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020403956 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020413260 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

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2020414806 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2020415851 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the patentee has been altered to **GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.**

2020421890 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2020436114 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2020452191 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2020452476 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2020452638 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2020456769 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2020471015 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2021

2021224670 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2021251264 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2021298505 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2021335744 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2021336383 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2021394197 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

Amendments

2021404446 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2021415070 XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD. The name of the applicant has been altered to **GOLD-WIND SCIENCE & TECHNOLOGY CO., LTD.**

2022

2022261115 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2022301668 NMI NATURWISSENSCHAFTLICHES UND MEDIZINISCHES INSTITUT AN DER UNIVERSITAET TUEBINGEN; EBERHARD KARLS UNIVERSITAET TUEBINGEN; PROVIREX Genome Editing Therapies GmbH The name of the applicant has been altered to **PROVIREX Genome Editing Therapies GmbH**

2022301944 E2INTERACTIVE,INC.D/B/AE2INTERACTIVE, INC. The name of the applicant has been altered to **E2interactive, Inc. d/b/a E2interactive, Inc.**

2023

2023900313 Chris Curran Consultancies Pty Ltd The name of the applicant has been altered to **Waterzyme R&D Pty Ltd**

2023900560 D.R. FINS.S PTY LTD The name of the applicant has been altered to **D.R. FIN.S. PTY LTD**

2023903075 OH&S IP Pty Ltd The name of the applicant has been altered to **LADDERLOCKER GROUP PTY LTD**

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- . (**) Title not given

(71) 3Spine, Inc.
 (11) AU-A-2024200466
 (21) 2024200466 (22) 25.01.2024
 (54) SPINAL OSTEOTOMY
 (51) Int. Cl.
A61B 17/70 (2006.01)
A61F 2/02 (2006.01)
A61F 2/30 (2006.01)
A61F 2/44 (2006.01)
 (43) 15.02.2024
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 (72) Peterman, Marc; Humphreys, Steven; Hodges, Scott
 (74) Griffith Hack

(71) Abiomed, Inc.
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 (21) 2024200469 (22) 25.01.2024
 (54) Expandable introducer sheath for medical device
 (51) Int. Cl.
A61M 25/00 (2006.01)
 (43) 15.02.2024
 (62) 2018230449
 (72) Korkuch, Christopher Nason
 (74) Davies Collison Cave Pty Ltd

(71) Adobe Inc.
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 (21) 2023203928 (22) 21.06.2023
 (54) RESOLVING GARMENT COLLISIONS USING NEURAL NETWORKS
 (51) Int. Cl.
G06T 17/00 (2006.01)
G06N 3/02 (2006.01)
G06T 7/30 (2017.01)
G06T 13/40 (2011.01)
 (31) 17/875,081 (32) 27.07.22 (33) US
 (43) 15.02.2024
 (72) Zhou, Yi; Wang, Yangtuanfeng; Sun, Xin; Tan, Qingyang; Aksit, Duygu Ceylan
 (74) RnB IP Pty Ltd

(71) AdvanSix Resins & Chemicals LLC
 (11) AU-A-2024200456
 (21) 2024200456 (22) 24.01.2024
 (54) Surfactants for electronics products
 (51) Int. Cl.
C09K 13/08 (2006.01)
C07C 229/10 (2006.01)
 (43) 15.02.2024
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 (72) ASIRVATHAM, Edward
 (74) Davies Collison Cave Pty Ltd

(71) AdvanSix Resins & Chemicals LLC
 (11) AU-A-2024200481

(21) 2024200481 (22) 25.01.2024
 (54) Surfactants for inks, paints, and adhesives
 (51) Int. Cl.
C09D 11/03 (2014.01)
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 (43) 15.02.2024
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 (72) ASIRVATHAM, Edward
 (74) Davies Collison Cave Pty Ltd

(71) AEON BioPharma, Inc.
 (11) AU-A-2024200555
 (21) 2024200555 (22) 30.01.2024
 (54) NEUROTOXIN COMPOSITIONS FOR USE IN TREATING GASTROPARESIS
 (51) Int. Cl.
A61K 31/4704 (2006.01)
A61P 1/04 (2006.01)
A61P 1/06 (2006.01)
 (43) 15.02.2024
 (62) 2020345770
 (72) BROOKS, Gregory F.; CARTER, Eric
 (74) K&L Gates

(71) AgJunction LLC
 (11) AU-A-2024200543
 (21) 2024200543 (22) 30.01.2024
 (54) Integrated auto-steer system for vehicle
 (51) Int. Cl.
B62D 5/04 (2006.01)
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 (43) 15.02.2024
 (62) 2018213270
 (72) Tan, Jim; Joughin, Alan Robert; Eichner, Jean-Marie; Sapilewski, Glen; Ramm, Andreas F.; Kal, Husam
 (74) Davies Collison Cave Pty Ltd

(71) AgriMetis, LLC
 (11) AU-A-2024200573
 (21) 2024200573 (22) 31.01.2024
 (54) Aziridine spinosyn derivatives and methods of making
 (51) Int. Cl.
C07D 491/04 (2006.01)
A01N 43/44 (2006.01)
 (43) 15.02.2024
 (62) 2021245263
 (72) Calabrese, Andrew
 (74) FPA Patent Attorneys Pty Ltd

(71) Alcediag
 (11) AU-A-2023274212
 (21) 2023274212 (22) 01.12.2023
 (54) RNA EDITING AS BIOMARKERS FOR MOOD DISORDERS TEST
 (51) Int. Cl.
C12Q 1/68 (2018.01)

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 (62) 2017302132
 (72) Nicolas Salvetat; Jean-François Pu-jol; Dinah Weissmann; Berangere Vire; Siem Van Der Laan
 (74) Madderns Pty Ltd

(71) Amryt Endo, Inc.
 (11) AU-A-2024200465
 (21) 2024200465 (22) 25.01.2024
 (54) Oral octreotide administered in combination with other therapeutic agents
 (51) Int. Cl.
C07K 7/00 (2006.01)
A61K 38/08 (2019.01)
 (43) 15.02.2024
 (62) 2020239738
 (72) MAMLUK, Roni; GELBAUM, Dana; HAVIV, Asi
 (74) Sprusion & Ferguson

(71) Angel Group Co., Ltd.
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 (21) 2024200557 (22) 30.01.2024
 (54) TABLE GAME SYSTEM
 (51) Int. Cl.
A63F 1/06 (2006.01)
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 (72) Shigeta, Yasushi
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024200460
 (21) 2024200460 (22) 25.01.2024
 (54) Emoji recording and sending
 (51) Int. Cl.
G06T 13/40 (2011.01)
H04N 21/81 (2011.01)
 (43) 15.02.2024
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 (72) Anzures, Freddy Allen; Bauer, Sebastian; Guzman, Aurelio; Scapel, Nicolas; Dye, Alan C.; King, Nicholas V.; Pham, Hoan; Barlier, Guillaume Pierre André; Bernstein, Jeffrey Traer; Hoffnung, Amir; Malia, Joseph A.; Yerkes, Giancarlo; Wilson, Christopher; Rickwald, Jason; Jones, Matthew
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024200544
 (21) 2024200544 (22) 30.01.2024
 (54) Devices, methods, and graphical user interfaces for moving a current focus using a touch-sensitive remote control
 (51) Int. Cl.
G06F 3/041 (2006.01)

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G06F 3/0488 (2022.01)
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H04N 5/445 (2011.01)
H04N 21/00 (2011.01)
- (43) 15.02.2024
(62) 2022201097
(72) LOCHHEAD, Jonathan; CLARKE, Graham R.; VOSS, Justin T.; HOWARD, Joe R.; PENHA, Henrique D.; FOLSE, Jennifer L.; ROBBIN, Jeffrey L.; SEELY, Blake R.; RICKETSON, Matthew D.; KEIGHRAN, Benjamin W.; MCGLINN, Joshua K.; WELLS, Nicole M.; BACHMAN, William M.; HWANG, Grace H.; ALONSO RUIZ, Marcos
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2024200563
(21) 2024200563 (22) 30.01.2024
(54) Device, method, and graphical user interface for manipulating user interfaces based on unlock inputs
- (51) Int. Cl.
H04L 9/32 (2006.01)
(43) 15.02.2024
(62) 2022209019
(72) HAN, Byron B.; SHEPHERD, Matthew E.; CHAUDHRI, Imran; CHRISTIE, Gregory; COFFMAN, Patrick L.; FEDERIGHI, Craig M.; GAMBLE, Matthew H.; HUGHES, Brittany D.; LANGOULANT, Brendan J.; MARCINIAK, Craig A.; PITSCHEL, Donald W.; SCHIMPF, Daniel O.; WHALEY, Andrew R.; WHITNEY, Christopher R.; DASCOLA, Jonathan R.; YANG, Lawrence
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Applied Medical Resources Corporation
(11) AU-A-2024200471
(21) 2024200471 (22) 25.01.2024
(54) Surgical stapler with self-adjusting staple height
- (51) Int. Cl.
A61B 17/072 (2006.01)
(43) 15.02.2024
(62) 2022201236
(72) BECERRA, Matthew; DECKER, Steven; HOPKINS, Timothy; PATEL, Atal; JASEMIAN, Babak
(74) Griffith Hack
-
- (71) Applied Research Associates, Inc.
(11) AU-A-2024200479
(21) 2024200479 (22) 25.01.2024
(54) Hydrothermal purification process
- (51) Int. Cl.
C10G 29/20 (2006.01)
A23L 5/20 (2016.01)
C10G 31/06 (2006.01)
C10G 31/08 (2006.01)
C11B 3/00 (2006.01)
C11B 3/04 (2006.01)
C11B 3/16 (2006.01)
- C11B 13/00** (2006.01)
(43) 15.02.2024
(62) 2021326486
(72) COPPOLA, Edward N.; RED Jr., Charles; NANA, Sanjay; GOODWIN, Jocelyn Marie
(74) Minter Ellison
-
- (71) Applied Therapeutics Inc.
(11) AU-A-2024200537
(21) 2024200537 (22) 30.01.2024
(54) Compositions and methods for treating galactosemia
- (51) Int. Cl.
A61K 31/4188 (2006.01)
A61K 9/06 (2006.01)
(43) 15.02.2024
(62) 2018307964
(72) SHENDELMAN, Shoshana
(74) Davies Collison Cave Pty Ltd
-
- (71) Aquablast Services Limited
(11) AU-A-2022209337
(21) 2022209337 (22) 29.07.2022
(54) Shoe or Boot Sole Cleaning Device and Shoe or Boot Sole Cleaning Kit comprising the Shoe or Boot Sole Cleaning Device
- (51) Int. Cl.
A47L 23/22 (2006.01)
A47L 23/24 (2006.01)
A47L 23/26 (2006.01)
(43) 15.02.2024
(72) HORRIDGE, Mark
(74) HENRY HUGHES IP LTD
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023204168
(21) 2023204168 (22) 29.06.2023
(54) GRAPHICAL USER INTERFACES FOR GAMES OF CHANCE WITH DYNAMIC FEATURE GAME TRIGGER SYMBOL MECHANIC
- (51) Int. Cl.
A63F 13/45 (2014.01)
(31) 17/815,545 (32) 27.07.22 (33) US
(43) 15.02.2024
(72) CHING, Erick; SHARMA, Amit; MIZZI, Jennifer; WARMS, Nathan; SHAIK, Shayer Waseem
(74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023204170
(21) 2023204170 (22) 29.06.2023
(54) MULTI-PLAYER GAMING SYSTEM WITH SYNCHRONIZATION PERIODS AND ASSOCIATED SYNCHRONIZATION METHODS
- (51) Int. Cl.
A63F 13/30 (2014.01)
G07F 17/32 (2006.01)
(31) 17/877,147 (32) 29.07.22 (33) US
(43) 15.02.2024
(72) MARKS, Daniel; XU, Hua; DUA, Dinesh
(74) James & Wells Intellectual Property
-
- (71) Arizona Board of Regents on behalf of Arizona State University
(11) AU-A-2023285826
(21) 2023285826 (22) 21.12.2023
(54) SYSTEM AND METHOD FOR PASSIVE COLLECTION OF ATMOSPHERIC CARBON DIOXIDE
- (51) Int. Cl.
B01D 53/14 (2006.01)
B01D 53/18 (2006.01)
B01D 53/62 (2006.01)
(43) 15.02.2024
(62) 2019226096
(72) LACKNER, Klaus; KEDIA, Shreyans; CARLSON, Brinton; PAGE, Robert; CHOODAMANI, Venkatram; WRIGHT, Allen
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- Assistance Publique-Hôpitaux de Paris (APHP) see INSERM (Institut National de la Santé et de la Recherche Médicale)**
(21) 2024200549
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- (71) Ausplow Pty. Ltd.
(11) AU-A-2023204094
(21) 2023204094 (22) 27.06.2023
(54) Seeding tool
- (51) Int. Cl.
A01C 5/06 (2006.01)
A01B 63/24 (2006.01)
A01C 7/20 (2006.01)
(31) 2022902126 (32) 28.07.22 (33) AU
(43) 15.02.2024
(72) PETRUCCIOLI, Aldo; BLIGHT, Christopher; BEACHAM, Raymond; LOVE, Brett; RYAN, John
(74) GLMR
-
- (71) Avadain, LLC
(11) AU-A-2024200233
(21) 2024200233 (22) 12.01.2024
(54) GRAPHENE AND THE PRODUCTION OF GRAPHENE
- (51) Int. Cl.
C25B 1/00 (2021.01)
H01M 4/587 (2010.01)
(43) 15.02.2024
(62) 2022221429
(72) Nebel, Christoph E.; Hoffmann, René; Roscher, Sarah
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Becton, Dickinson and Company
(11) AU-A-2024200463
(21) 2024200463 (22) 25.01.2024
(54) Compositions, methods, systems and/or kits for detecting antimicrobial resistance in bacteria
- (51) Int. Cl.
C12Q 1/04 (2006.01)
C12Q 1/18 (2006.01)
C12Q 1/34 (2006.01)

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 (72) BRASSO, William B.; TURNER, David J.; KIRCHER, Susan M.; ALRASHIDI-BROOKS, Fatimah
 (74) FB Rice Pty Ltd

(71) BETAPACK, S.A.U.
 (11) AU-A-2023208157
 (21) 2023208157 (22) 27.07.2023
 (54) ANTI-SPLASH HINGED CLOSING CAP
 (51) Int. Cl.
B65D 47/08 (2006.01)
B65D 43/02 (2006.01)
B65D 55/00 (2006.01)
 (31) U202231244 (32) 27.07.22 (33) ES
 (43) 15.02.2024
 (72) BERROA GARCÍA, Javier
 (74) Baxter Patent Attorneys Pty Ltd

(71) BGRIMM MTC TECHNOLOGY CO., LTD.
 (11) AU-A-2023214242
 (21) 2023214242 (22) 05.06.2023
 (54) RARE EARTH OXIDE STANDARD SAMPLE AND PREPARATION METHOD THEREOF
 (51) Int. Cl.
C01F 17/00 (2020.01)
 (31) 202210913531.4 (32) 01.08.22 (33) CN
 (43) 15.02.2024
 (72) LI, Huachang; WANG, Dongjie; SHI, Yehong; FENG, Xianjin; YU, Chunlin; YANG, Chaowu; JI, Yang; CAI, Shilin; HUANG, Linkai; PENG, Han; QIU, Mohan; XIONG, Xia; SONG, Xiaoyan; ZHANG, Zengrong
 (74) Remarkable IP

(71) BioAtla, LLC
 (11) AU-A-2023285905
 (21) 2023285905 (22) 21.12.2023
 (54) Anti-Ror2 antibodies, antibody fragments, their immunoconjugates and uses thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 47/50 (2017.01)
G01N 33/574 (2006.01)
 (43) 15.02.2024
 (62) 2017263568
 (72) Short, Jay M.; Chang, Hwai Wen; Frey, Gerhard
 (74) Allens Patent & Trade Mark Attorneys

(71) BNSF Railway Company
 (11) AU-A-2024200532
 (21) 2024200532 (22) 29.01.2024
 (54) RAILROAD VIRTUAL TRACK BLOCK SYSTEM
 (51) Int. Cl.
B61L 1/18 (2006.01)
B61L 21/10 (2006.01)
B61L 3/22 (2006.01)
B61L 23/04 (2006.01)
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 (62) 2022246424
 (72) Specht, Jerry Wade; Young, Ralph E.; Shue, Kent Robert; Beard, Mitchell Wayne
 (74) Oxygene IP

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2024200454
 (21) 2024200454 (22) 24.01.2024
 (54) Pump assembly for a penile prosthesis
 (51) Int. Cl.
A61F 2/26 (2006.01)
 (43) 15.02.2024
 (62) 2020387358
 (72) DILORETO, Mark Edward; MUJWID, James Ryan
 (74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2024200473
 (21) 2024200473 (22) 25.01.2024
 (54) Vapor ablation systems and methods
 (51) Int. Cl.
A61B 18/04 (2006.01)
A61B 18/18 (2006.01)
A61F 7/00 (2006.01)
A61F 7/12 (2006.01)
F22B 1/28 (2006.01)
H01F 7/08 (2006.01)
 (43) 15.02.2024
 (62) 2022201098
 (72) HASTINGS, Roger Noel; SCHROM, Mark; CARLSON, Steven; HOEY, Michael; BYLAND, Timothy D.; WOO, Karliam C.; BACHMEIER, Brian A.
 (74) Spruson & Ferguson

(71) Breville Pty Limited
 (11) AU-A-2024200455
 (21) 2024200455 (22) 24.01.2024
 (54) Apparatus and method for frothing milk
 (51) Int. Cl.
A47J 43/00 (2006.01)
A47J 27/00 (2006.01)
A47J 31/00 (2006.01)
G05D 23/00 (2006.01)
 (43) 15.02.2024
 (62) 2021215220
 (72) GRASSIA, Robert; MCCOLL, Nicholas James; CORKIN, Daniel Robert
 (74) GLMR

(71) Brown, D.
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 (21) 2024200444 (22) 24.01.2024
 (54) Compositions and methods to improve the therapeutic benefit of indirubin and analogs thereof, including meisoindigo
 (51) Int. Cl.
A61K 31/497 (2006.01)
 (43) 15.02.2024
 (62) 2021261860
 (72) BROWN, Dennis
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
 (11) AU-A-2024200562
 (21) 2024200562 (22) 30.01.2024
 (54) Tool selection for feature map encoding vs regular video encoding
 (51) Int. Cl.
H04N 19/102 (2014.01)
G06N 3/02 (2006.01)
H04N 19/122 (2014.01)
H04N 19/124 (2014.01)
H04N 19/513 (2014.01)
 (43) 15.02.2024
 (62) 2021202142
 (72) ROSEWARNE, Christopher James
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
 (11) AU-A-2024200580
 (21) 2024200580 (22) 31.01.2024
 (54) Electrophotographic image forming apparatus, developing apparatus, and coupling member
 (51) Int. Cl.
G03G 15/01 (2006.01)
F16D 1/10 (2006.01)
F16D 3/04 (2006.01)
G03G 15/08 (2006.01)
 (43) 15.02.2024
 (62) 2022200676
 (72) MORIOKA, Masanari; UENO, Takahito; MIYABE, Shigeo
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(71) Canva Pty Ltd
 (11) AU-A-2022209306
 (21) 2022209306 (22) 28.07.2022
 (54) Systems and methods for video style transfer
 (51) Int. Cl.
G06T 5/00 (2006.01)
G06T 3/00 (2006.01)
G06T 11/00 (2006.01)
H04N 5/06 (2006.01)
H04N 7/10 (2006.01)
H04N 9/79 (2006.01)
H04N 21/21 (2011.01)
G06N 3/02 (2006.01)
H04N 5/222 (2006.01)
 (43) 15.02.2024
 (72) Joshi, Bhautik
 (74) FPA Patent Attorneys Pty Ltd

(71) Capital One Services, LLC
 (11) AU-A-2024200447
 (21) 2024200447 (22) 24.01.2024
 (54) Tap to copy data to clipboard via NFC
 (51) Int. Cl.
H04L 9/08 (2006.01)
H04L 9/14 (2006.01)
H04W 12/04 (2021.01)
 (43) 15.02.2024
 (62) 2020241544
 (72) HERRINGTON, Daniel; RULE, Jeffrey; HART, Colin; JI, Jason
 (74) GLMR

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 (54) Verified reviews using a contactless card
 (51) Int. Cl.
G06Q 30/02 (2023.01)
G06Q 20/34 (2012.01)
G07F 7/08 (2006.01)
 (43) 15.02.2024
 (62) 2020314531
 (72) RULE, Jeffrey; ILINCIC, Rajko
 (74) GLMR
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- (71) Capital One Services, LLC
 (11) AU-A-2024200558
 (21) 2024200558 (22) 30.01.2024
 (54) System and method for second factor authentication of customer support calls
 (51) Int. Cl.
H04M 3/51 (2006.01)
H04L 9/32 (2006.01)
H04W 4/14 (2009.01)
 (43) 15.02.2024
 (62) 2020241859
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 (74) GLMR
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- (71) CareFusion 303, Inc.
 (11) AU-A-2024200541
 (21) 2024200541 (22) 30.01.2024
 (54) Tamper-resistant cap
 (51) Int. Cl.
A61M 39/20 (2006.01)
A61M 5/50 (2006.01)
 (43) 15.02.2024
 (62) 2022204307
 (72) YEH, Jonathan; CHENG, Marco
 (74) FB Rice Pty Ltd
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 (21) 2024200542 (22) 30.01.2024
 (54) Diaphragm check valve
 (51) Int. Cl.
F16K 15/14 (2006.01)
A61M 39/24 (2006.01)
 (43) 15.02.2024
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C01B 3/02 (2006.01)
C01B 3/38 (2006.01)
F02C 6/00 (2006.01)
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 (72) CORBETTA, Michele; BIALKOWSKI, Michal Tadeusz; BARATTO, Francesco; OSTUNI, Raffaele
 (74) Chrysiou IP
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 (54) SYSTEMS FOR NUCLEIC ACID-BASED DATA STORAGE
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G16B 30/00 (2019.01)
C12Q 1/68 (2018.01)
G16B 45/00 (2019.01)
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 (72) Roquet, Nathaniel; Park, Hyunjun; Bhattacharya, Swapnil P.; Link, Darren R.
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (51) Int. Cl.
A63F 9/24 (2006.01)
 (43) 15.02.2024
 (62) 2022200980
 (72) Amaitis, Lee
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) CFPH, LLC
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 (21) 2024200540 (22) 30.01.2024
 (54) SYSTEMS AND METHODS FOR DETERMINING THAT A GAMING DEVICE IS COMMUNICATING WITH A GAMING SERVER
 (51) Int. Cl.
A63F 9/24 (2006.01)
G06F 17/00 (2019.01)
 (43) 15.02.2024
 (62) 2021273571
 (72) Alderucci, Dean
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Chadra Laboratories LLC
 (11) AU-A-2024200554
 (21) 2024200554 (22) 30.01.2024
 (54) Multi-interface transponder device
 (51) Int. Cl.
H04W 52/02 (2009.01)
H04W 76/15 (2018.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) Carbon-carbon nanotube hybrid materials and methods of producing same
 (51) Int. Cl.
B82Y 30/00 (2011.01)
B82Y 40/00 (2011.01)
C01B 32/162 (2017.01)
 (43) 15.02.2024
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 (74) AJ PARK
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 (54) MEDICAL VEST AND USING METHOD THEREOF
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A61H 23/00 (2006.01)
 (43) 15.02.2024
 (62) 2020297785
 (72) CHEN, Chia Hung; SU, Chia Chi; SUNG, Yu Wen
 (74) ALDRICH PROJECTS PTY LTD
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- (71) CJ CHEILJEDANG CORPORATION
 (11) AU-A-2022408196
 (21) 2022408196 (22) 05.12.2022
 (54) FERMENTED APPLE COMPOSITION
 (51) Int. Cl.
A61K 36/73 (2006.01)
A23L 5/00 (2016.01)
A23L 19/00 (2016.01)
A61K 8/9789 (2017.01)
A61Q 17/04 (2006.01)
A61Q 19/08 (2006.01)
 (31) 10-2022-0094864 (32) 29.07.22 (33) KR
 (43) 15.02.2024
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 (74) FB Rice Pty Ltd
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 (54) FERMENTED APPLE COMPOSITION
 (51) Int. Cl.
A61K 36/73 (2006.01)
A23L 5/00 (2016.01)
A23L 19/00 (2016.01)
A61P 29/00 (2006.01)
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 (54) Method and system for clarifying water
 (51) Int. Cl.

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C02F 1/54 (2023.01)
C02F 1/58 (2023.01)
C02F 1/68 (2023.01)
C02F 9/00 (2023.01)
C02F 11/148 (2019.01)
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(43) 15.02.2024
(72) HANNA, Gerald
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- (71) Cripps Clark, J.
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(21) 2024200385 (22) 20.01.2024
(54) DevBauxSoak devices for data model systemizations using block chain controls including optional interoperability by containment of the device in its own container as well as included infrastructure supporting useful auxiliary block chain functions.
(51) Int. Cl.
H04L 9/32 (2006.01)
G06F 21/64 (2013.01)
G06Q 99/00 (2006.01)
H04L 9/00 (2022.01)
(31) 2022903444 (32) 16.11.22 (33) AU
(43) 15.02.2024
(62) 2022201926,2022203235
(72) Cripps Clark, Julianne
(74) Julianne Mary Cripps Clark
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(11) AU-A-2024200404
(21) 2024200404 (22) 23.01.2024
(54) Materials and methods for treatment of apolipoprotein c3 (APOCIII)-related disorders
(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 15/10 (2006.01)
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(62) 2017286843
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- (71) Dana-Farber Cancer Institute, Inc.; TScan Therapeutics, Inc.
(11) AU-A-2024200495
(21) 2024200495 (22) 26.01.2024
(54) MAGEA1 IMMUNOGENIC PEPTIDES, BINDING PROTEINS RECOGNIZING MAGEA1 IMMUNOGENIC PEPTIDES, AND USES THEREOF
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
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- A61P 37/02** (2006.01)
C07K 14/47 (2006.01)
C07K 14/725 (2006.01)
G01N 33/543 (2006.01)
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(21) 2024200512 (22) 29.01.2024
(54) STABILIZED PEPTIDE-MEDIATED TARGETED PROTEIN DEGRADATION
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C07K 14/435 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Debiotech S.A.; Universität Bern
(11) AU-A-2024200477
(21) 2024200477 (22) 25.01.2024
(54) SYSTEM AND METHOD FOR IMPROVING THE DRUG THERAPY MANAGEMENT
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G16H 20/17 (2018.01)
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) DEKA Products Limited Partnership
(11) AU-A-2024200366
(21) 2024200366 (22) 19.01.2024
(54) CASSETTE SYSTEM INTEGRATED APPARATUS
(51) Int. Cl.
A61M 1/14 (2006.01)
A61M 1/16 (2006.01)
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(74) HENRY HUGHES IP LTD
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- (71) Derrick Corporation
(11) AU-A-2024200453
(21) 2024200453 (22) 24.01.2024
(54) APPARATUSES, METHODS, AND SYSTEMS FOR VIBRATORY SCREENING
(51) Int. Cl.
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B07B 1/42 (2006.01)
B07B 13/16 (2006.01)
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(72) Colgrove, James R.; Peresan, Michael L.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) DJO Global, Inc.
(11) AU-A-2024200461
(21) 2024200461 (22) 25.01.2024
(54) Glenosphere with flange for augmented fixation and related methods
(51) Int. Cl.
A61F 2/02 (2006.01)
A61F 2/30 (2006.01)
A61F 2/40 (2006.01)
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(62) 2022204878
(72) FRANKLE, Mark A.; GUTIERREZ, Sergio; WILLIAMS, Gerald
(74) Davies Collison Cave Pty Ltd
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- (71) Dobney, D.
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(21) 2023208205 (22) 28.07.2023
(54) RADIATION DEVICE, SYSTEM, AND METHOD
(51) Int. Cl.
F24S 20/00 (2018.01)
A01G 13/02 (2006.01)
A01G 25/02 (2006.01)
(31) 63/393,915 (32) 31.07.22 (33) US
(43) 15.02.2024
(72) Dobney, David
(74) David Dobney
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- (71) Dobney, D.
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(21) 2023208206 (22) 28.07.2023
(54) ELECTROCHEMICAL DEVICE, SYSTEM, AND METHOD
(51) Int. Cl.
H01M 8/18 (2006.01)
H01M 6/36 (2006.01)
H01M 8/04791 (2016.01)
(31) 63/393,917 (32) 31.07.22 (33) US
(43) 15.02.2024
(72) Dobney, David
(74) David Dobney
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- (71) Dynex Extrusions Limited
(11) AU-A-2023208204
(21) 2023208204 (22) 28.07.2023
(54) GLAZING BLOCK
(51) Int. Cl.
E06B 3/54 (2006.01)
E06B 3/66 (2006.01)
(31) 789532 (32) 29.07.22 (33) NZ
(43) 15.02.2024
(72) Blundell, Christopher John
(74) ET Intellectual Property
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- (71) Epizyme, Inc.
(11) AU-A-2024200464

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 (54) AMINE-SUBSTITUTED ARYL OR HETEROARYL COMPOUNDS AS EHMT1 AND EHMT2 INHIBITORS
 (51) Int. Cl.
C07D 231/38 (2006.01)
A61K 31/44 (2006.01)
A61K 31/505 (2006.01)
A61K 31/506 (2006.01)
A61P 7/06 (2006.01)
A61P 35/02 (2006.01)
C07D 239/48 (2006.01)
C07D 401/12 (2006.01)
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 (72) Kuntz, Kevin Wayne; Duncan, Kenneth William; Campbell, John Emmerson; Munchhof, Michael John; Mills, James Edward John; Harvey, Darren Martin; Foley, Megan Alene
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) fReal! Foods, LLC
 (11) AU-A-2024200472
 (21) 2024200472 (22) 25.01.2024
 (54) Modular blender with improved water heating and light beam detection
 (51) Int. Cl.
B67D 7/00 (2010.01)
B67D 7/06 (2010.01)
B67D 7/78 (2010.01)
 (43) 15.02.2024
 (62) 2017361264
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- (71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2024200467
 (21) 2024200467 (22) 25.01.2024
 (54) PATIENT SPECIFIC AUTO-FLOWRATE CONTROL
 (51) Int. Cl.
A61M 16/00 (2006.01)
 (43) 15.02.2024
 (62) 2021203928
 (72) Evans, Alicia Jerram Hunter; Oldfield, Samantha Dale; Payton, Matthew Jon; Spence, Callum James Thomas; White, Craig Karl; Schibler, Andreas
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- (71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2024200494
 (21) 2024200494 (22) 26.01.2024
 (54) APPARATUS FOR PROVIDING A FLOW OF AIR TO A USER
 (51) Int. Cl.
A61K 39/155 (2006.01)
A61M 16/06 (2006.01)
A62B 18/02 (2006.01)
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 (74) AJ PARK

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 (21) 2024200492 (22) 26.01.2024
 (54) WATER OUT ALARM
 (51) Int. Cl.
A61M 16/00 (2006.01)
A61M 15/00 (2006.01)
A62B 7/00 (2006.01)
A62B 9/00 (2006.01)
G08B 1/00 (2006.01)
H05B 1/00 (2006.01)
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 (62) 2021266202
 (72) BARKER, Dean; HSU, Jack; HAN, John
 (74) AJ PARK
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- (71) Foongtone Technology Co., Ltd
 (11) AU-A-2022209353
 (21) 2022209353 (22) 29.07.2022
 (54) WIRELESS INDUCTION DEVICE
 (51) Int. Cl.
H01Q 1/22 (2006.01)
G06K 19/07 (2006.01)
G06K 19/077 (2006.01)
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 (54) Tissue Modifier and Uses Therefor
 (51) Int. Cl.
A61K 38/47 (2006.01)
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/513 (2006.01)
A61K 31/573 (2006.01)
A61K 38/48 (2006.01)
A61K 38/49 (2006.01)
A61K 47/12 (2006.01)
A61P 17/02 (2006.01)
A61P 19/04 (2006.01)
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 (72) CHIN, David
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 (54) Product handling and packaging system
 (51) Int. Cl.
B65G 1/12 (2006.01)
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 (72) ALMOGY, Gilad; KALUS, Jason; BECKETT, Nathan; HOSKEN, David Cameron; HOSKEN, John; HOHENBERGER, Matthew
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 (54) METHODS AND SYSTEMS FOR FACILITATING PAYMENT TRANSACTION RECONCILIATION
 (51) Int. Cl.
G06Q 20/00 (2012.01)
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 (62) 2021273522
 (72) Gollan, Melissa
 (74) James & Wells Intellectual Property

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 (54) VERIFIED QUANTUM PHASE ESTIMATION
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G06N 10/00 (2022.01)
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 (54) A real-time transmission method for cardiovascular detection data
 (51) Int. Cl.
G06F 21/16 (2013.01)
G06T 9/40 (2006.01)
G16H 30/20 (2018.01)
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 (74) Bill Smith
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 (21) 2022209342 (22) 29.07.2022
 (54) Fluid drainage assembly
 (51) Int. Cl.
E21B 33/127 (2006.01)
E21B 33/124 (2006.01)
F42D 1/02 (2006.01)
F42D 1/18 (2006.01)
F42D 5/00 (2006.01)
 (43) 15.02.2024
 (61) 2014201774
 (72) Gane, William Lee; Hokins, Belinda Candace
 (74) Spruson & Ferguson
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 (11) AU-A-2022209347

- (21) 2022209347 (22) 29.07.2022
 (54) Inflatable mining plug
 (51) Int. Cl.
F42D 1/18 (2006.01)
E21B 33/124 (2006.01)
E21B 33/126 (2006.01)
E21B 33/127 (2006.01)
F16K 15/00 (2006.01)
F16K 17/00 (2006.01)
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 (72) Gane, William Lee; Hokins, Belinda Candace
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- (71) HONEYWELL INTERNATIONAL INC.
 (11) AU-A-2023204414
 (21) 2023204414 (22) 07.07.2023
 (54) APPARATUSES, COMPUTER-IMPLEMENTED METHODS, AND COMPUTER PROGRAM PRODUCTS FOR DUAL-HORIZON OPTIMIZATION OF A PROCESSING PLANT
 (51) Int. Cl.
G05B 19/418 (2006.01)
G05B 13/02 (2006.01)
G06Q 10/04 (2023.01)
G06Q 50/02 (2012.01)
 (31) 63/369938 (32) 30.07.22 (33) US 18/184286 15.03.23 US
 (43) 15.02.2024
 (72) LU, Joseph Z.; JECH, Jan
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2024200478
 (21) 2024200478 (22) 25.01.2024
 (54) CARD DISPLAY METHOD, ELECTRONIC DEVICE, AND COMPUTER READABLE STORAGE MEDIUM
 (51) Int. Cl.
G06F 3/0481 (2022.01)
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 (62) 2021220808
 (72) Xu, Jie; Wang, Shoucheng
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 (11) AU-A-2023208130
 (21) 2023208130 (22) 26.07.2023
 (54) DUAL MOBILITY HIP RESURFACING
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A61F 2/32 (2006.01)
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G01S 5/00 (2006.01)

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F16L 3/015 (2006.01)
E21B 17/01 (2006.01)
F16L 11/18 (2006.01)
H02G 3/04 (2006.01)
H02G 11/00 (2006.01)
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A61F 2/00 (2006.01)
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H02J 3/38 (2006.01)
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H02J 3/46 (2006.01)
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H04N 19/117 (2014.01)
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G06F 3/16 (2006.01)
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G06Q 40/12 (2023.01)
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G06N 20/00 (2019.01)
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G01S 7/00 (2006.01)
G01C 15/00 (2006.01)
G06T 5/00 (2006.01)
G06V 20/00 (2022.01)
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E04D 13/03 (2006.01)
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A61B 34/20 (2016.01)
A61B 34/00 (2016.01)
A61B 34/30 (2016.01)
A61B 90/80 (2016.01)
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A01N 1/02 (2006.01)
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A61K 35/76 (2015.01)
A61K 35/761 (2015.01)
A61K 48/00 (2006.01)
C07K 14/075 (2006.01)
C12N 15/86 (2006.01)
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G01C 25/00 (2006.01)
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A61F 2/30 (2006.01)
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A61M 60/191 (2021.01)
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(21) 2024200476 (22) 25.01.2024
(54) Gate Catch Assembly
(51) Int. Cl.
B61D 15/08 (2006.01)

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B66F 9/06 (2006.01)
E05B 65/00 (2006.01)
E05B 83/06 (2014.01)
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(54) DRAWERS AND COMPONENTS FOR DRAWERS
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A47B 88/40 (2017.01)
B60P 1/43 (2006.01)
B66F 9/12 (2006.01)
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A61K 39/00 (2006.01)
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G05B 13/04 (2006.01)
C02F 3/30 (2023.01)
G05B 13/02 (2006.01)
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 B26B 19/06 (2006.01)
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 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

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 (54) MULTIDIRECTIONAL ADJUSTABLE SUPPORT STRUCTURE
 (51) Int. Cl.
 F21V 21/28 (2006.01)
 A61L 2/10 (2006.01)
 F21V 21/088 (2006.01)
 F21V 21/32 (2006.01)
 F21V 23/00 (2015.01)
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 F21V 17/10 (2006.01)
 A61L 2/10 (2006.01)
 F21V 17/02 (2006.01)
 F21V 21/088 (2006.01)
 F21V 21/32 (2006.01)
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G06Q 10/08 (2023.01)
 B65G 1/04 (2006.01)
 B65G 1/06 (2006.01)
 B65G 1/137 (2006.01)
 G01C 21/00 (2006.01)
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 (54) Benzisoxazole sulfonamide derivatives
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 C07D 413/06 (2006.01)
 A61K 31/41 (2006.01)
 A61K 31/4192 (2006.01)
 A61K 31/4402 (2006.01)
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 A61P 35/00 (2006.01)
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 E02D 35/00 (2006.01)
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 G06T 7/00 (2017.01)
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 (54) Room temperature stable lyophilized protein
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 A61K 9/00 (2006.01)
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 (74) Griffith Hack

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 (54) Method for the treatment of a relapsing-remitting condition
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C07D 417/12 (2006.01)
C07D 417/14 (2006.01)
C07D 451/02 (2006.01)
C07D 471/04 (2006.01)
C07D 471/08 (2006.01)
C07D 471/10 (2006.01)
C07D 487/04 (2006.01)
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(54) Biological nanopores for biopolymer sensing and sequencing based on FraC actinoporin
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 C12Q 1/68 (2018.01)
 B81B 1/00 (2006.01)
 G01N 33/487 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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 B28B 1/14 (2006.01)
 A47G 33/00 (2006.01)
 A61G 17/007 (2006.01)
 B09B 3/20 (2022.01)
 C04B 14/00 (2006.01)
 C04B 18/04 (2006.01)
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 A61K 51/04 (2006.01)
 A61K 49/00 (2006.01)
 A61P 35/00 (2006.01)
 C07C 309/15 (2006.01)
 C07D 213/40 (2006.01)
 C09B 1/40 (2006.01)
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 G16Y 40/35 (2020.01)
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 C12N 5/00 (2006.01)
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 G06T 7/149 (2017.01)
 A61B 5/103 (2006.01)
 A61B 6/00 (2006.01)
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 G06V 10/26 (2022.01)
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G02B 27/01 (2006.01)
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G06V 20/64 (2022.01)
H04W 80/00 (2009.01)
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 structure thereof (51) Int. Cl.
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A61Q 11/00 (2006.01)
A61C 19/00 (2006.01)
A61K 8/06 (2006.01)
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B60W 60/00 (2020.01)
B60P 1/00 (2006.01)
B66F 9/06 (2006.01)
G05D 1/00 (2024.01)
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A61B 17/56 (2006.01)
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A61K 38/17 (2006.01)
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A61P 31/20 (2006.01)
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C07K 14/705 (2006.01)
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C07K 14/725 (2006.01)
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A01G 33/00 (2006.01)
A01G 18/00 (2018.01)
B01D 67/00 (2006.01)
B01D 69/00 (2006.01)
B01D 71/00 (2006.01)
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C12M 1/12 (2006.01)
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C12M 1/12 (2006.01)
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B05B 1/30 (2006.01)
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B65D 47/32 (2006.01)
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 (54) Method for Improving Alignment Between Selective Emitter and Metal Printing
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H01L 31/0224 (2006.01)
H01L 21/02 (2006.01)
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2022209342	Hokins, B.C.	2024200404	Crispr Therapeutics AG
2022209347	Hokins, B.C.	2024200425	ModernaTX, Inc.
2022209353	Foongtone Technology Co., Ltd	2024200444	Brown, D.
2022209354	OXTI Pte Ltd	2024200445	W.L. Gore & Associates, Inc.
2022209355	OXTI Pte Ltd	2024200446	University of Southern California
2022209362	Source	2024200447	Capital One Services, LLC
2022228141	Schneider Electric Systems USA, Inc.	2024200448	LG ELECTRONICS INC.
2022252768	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.	2024200450	Rijksuniversiteit Groningen
2022259710	Inner Mongolia Electric Power Research Institute	2024200453	Derrick Corporation
	Branch of Inner Mongolia Electric Power (Group) Co., Ltd.	2024200454	Boston Scientific Scimed, Inc.
2022268367	INSTITUTE OF OCEANOGRAPHIC INSTRUMENTATION, SHANDONG ACADEMY OF SCIENCES	2024200455	Breville Pty Limited
2022368367	JIANGSU HENGXIN TECHNOLOGY CO., LTD	2024200456	AdvanSix Resins & Chemicals LLC
2022408196	CJ CHEILJEDANG CORPORATION	2024200458	Packsize LLC
2022423922	CJ CHEILJEDANG CORPORATION	2024200460	Apple Inc.
2022440629	GOOGLE LLC	2024200461	DJO Global, Inc.
2023200042	Xie, X.	2024200462	Wake Forest University Health Sciences
2023200045	Xie, X.	2024200463	Becton, Dickinson and Company
2023200596	Luxweld	2024200464	Epizyme, Inc.
2023200964	Sathyajith, C.	2024200465	Amryt Endo, Inc.
2023202068	Intuit Inc.	2024200466	3Spine, Inc.
2023203080	Russell, P.	2024200467	Fisher & Paykel Healthcare Limited
2023203411	Kennametal Inc.	2024200468	Mallinckrodt Pharmaceuticals Ireland Limited
2023203415	Intuit Inc.	2024200469	Abiomed, Inc.
2023203775	SUPERSONIC IMAGINE	2024200470	CFPH, LLC
2023203899	Henan Tianyi Intelligent Information Co., Ltd	2024200471	Applied Medical Resources Corporation
2023203928	Adobe Inc.	2024200472	fReal! Foods, LLC
2023204094	Ausplow Pty. Ltd.	2024200473	Boston Scientific Scimed, Inc.
2023204096	Techtronic Cordless GP	2024200475	Regeneron Pharmaceuticals, Inc.
2023204168	Aristocrat Technologies, Inc.	2024200476	Melville Equipment Corp. Pty Ltd
2023204170	Aristocrat Technologies, Inc.	2024200477	Debiotech S.A.; Universität Bern
2023204414	HONEYWELL INTERNATIONAL INC.	2024200478	Honor Device Co., Ltd.
2023204697	Techtronic Cordless GP	2024200479	Applied Research Associates, Inc.
2023206123	Techtronic Cordless GP	2024200480	InterDigital VC Holdings, Inc.
2023206129	Techtronic Cordless GP	2024200481	AdvanSix Resins & Chemicals LLC
2023206163	Techtronic Cordless GP	2024200482	Regeneron Pharmaceuticals, Inc.
2023206164	Techtronic Cordless GP	2024200483	JUUL Labs, Inc.
2023206165	Techtronic Cordless GP	2024200485	MedicalTree Patent Ltd
2023206193	Snap-on Incorporated	2024200486	MedicalTree Patent Ltd
2023208098	TE Connectivity Solutions GmbH	2024200488	FOOTHILL SADDLEBACK PTY LTD
2023208122	Clearflow Group Inc.	2024200489	Revolo Biotherapeutics Limited
2023208127	The Raymond Corporation	2024200490	TREACE MEDICAL CONCEPTS, INC.
2023208130	HOWMEDICA OSTEONICS CORP.	2024200491	LINEAGE LOGISTICS, LLC
2023208157	BETAPACK, S.A.U.	2024200492	FISHER & PAYKEL HEALTHCARE LIMITED
2023208174	Gillam, R.	2024200494	Fisher & Paykel Healthcare Limited
2023208182	Maytronics Ltd.	2024200495	Dana-Farber Cancer Institute, Inc.; TScan Therapeutics, Inc.
2023208204	Dynex Extrusions Limited	2024200496	TScan Therapeutics, Inc.
2023208205	Dobney, D.	2024200500	LINEAGE LOGISTICS, LLC
2023208206	Dobney, D.	2024200501	Chen, C.
2023210537	Pier Tech Systems LLC	2024200504	Nanjing University
2023214242	BGRIMM MTC TECHNOLOGY CO., LTD.	2024200508	The Procter & Gamble Company
2023270311	The Broad Institute, Inc.; Massachusetts Institute of Technology	2024200509	CHASM Advanced Materials, Inc.
2023274178	Pfizer Inc.; Ctxt Pty Ltd	2024200511	Miles, S.
2023274212	Alcediag	2024200512	Dana-Farber Cancer Institute, Inc.
2023285826	Arizona Board of Regents on behalf of Arizona State University	2024200515	Global Blood Therapeutics, Inc.; The Regents of the University of California
2023285905	BioAtla, LLC	2024200517	Strata Safety Products, LLC
2023285971	ORTHONU, LLC	2024200519	Sideris, A.; Thomson, K.A.; Havas, T.E.
2023286035	iProov Limited	2024200521	The University of Melbourne
2024200135	igus GmbH	2024200522	Leica Biosystems Imaging, Inc.
2024200233	Avadain, LLC	2024200524	Fults, A.; Crider Jr., R.
2024200329	PlantArcBio Ltd.	2024200525	Capital One Services, LLC
		2024200528	Rhythm Pharmaceuticals, Inc.
		2024200529	I911 International, Inc.

Applications Open to Public Inspection - Numerical Index cont'd

2024200531	P.V. Flood Control Corp.
2024200532	BNSF Railway Company
2024200533	Kerry Group Services International Limited
2024200537	Applied Therapeutics Inc.
2024200539	Mayo Foundation for Medical Education and Research
2024200540	CFPH, LLC
2024200541	CareFusion 303, Inc.
2024200542	CareFusion Corporation
2024200543	AgJunction LLC
2024200544	Apple Inc.
2024200545	MAKO Surgical Corp.
2024200546	LG Electronics Inc.
2024200548	Fulfil Solutions, Inc.
2024200549	INSERM (Institut National de la Santé et de la Recherche Médicale); Université Paris-Sud; Université Paris Cité; Assistance Publique-Hôpitaux de Paris (APHP)
2024200550	Google LLC
2024200552	SanBio, Inc.
2024200554	Chadra Laboratories LLC
2024200555	AEON BioPharma, Inc.
2024200556	USNR, LLC
2024200557	Angel Group Co., Ltd.
2024200558	Capital One Services, LLC
2024200559	Catalog Technologies, Inc.
2024200561	Takeda Pharmaceutical Company Limited
2024200562	Canon Kabushiki Kaisha
2024200563	Apple Inc.
2024200566	Ribon Therapeutics Inc.
2024200571	SERKO LIMITED
2024200573	AgriMetis, LLC
2024200576	Gollan, M.
2024200580	Canon Kabushiki Kaisha
2024200581	StemoniX Inc.

IPC Index

<u>A01B 63 /-</u> 2023204094	<u>A47J 31 /-</u> 2024200455	2024200496 2024200539 2024200552	<u>A61M 25 /-</u> 2024200469	<u>A63F 9 /-</u> 2024200470 2024200540	<u>B61L 21 /-</u> 2024200532
<u>A01C 5 /-</u> 2023204094	<u>A47J 43 /-</u> 2024200455	2022408196 2022423922	<u>A61K 36 /-</u> 2024200541 2024200542	<u>A61M 39 /-</u> 2024200541	<u>B61L 23 /-</u> 2024200532
<u>A01C 7 /-</u> 2023204094	<u>A47L 23 /-</u> 2022209337		<u>A61K 38 /-</u> 2024200446 2024200465	<u>A61M 5 /-</u> 2024200541	<u>B01D 53 /-</u> 2023285826
<u>A01D 34 /-</u> 2023206123	<u>A61B 17 /-</u> 2024200466	2024200482 2024200488	<u>A61M 60 /-</u> 2024200486	<u>B01D 67 /-</u> 2024200445	<u>B62D 1 /-</u> 2024200543
2023206129	2024200471	2024200489			
2023206164	2024200490				
2023206165					
			<u>A61P 1 /-</u> 2024200496	<u>B01D 69 /-</u> 2024200445	<u>B65D 19 /-</u> 2022209297
<u>A01G 13 /-</u> 2023208205	<u>A61B 18 /-</u> 2024200473	2024200528	<u>A61K 39 /-</u> 2024200521	<u>A61P 11 /-</u> 2024200521	<u>B01D 71 /-</u> 2024200445
<u>A01G 18 /-</u> 2024200445	<u>A61B 34 /-</u> 2024200545	2024200446 2024200489	<u>A61P 17 /-</u> 2024200488	<u>B05B 1 /-</u> 2023200045	<u>B65D 43 /-</u> 2023208157
<u>A01G 25 /-</u> 2023208205	<u>A61B 5 /-</u> 2024200524	2024200494 2024200495	<u>A61P 19 /-</u> 2024200488	<u>B05B 11 /-</u> 2023200045	<u>B65D 47 /-</u> 2023200045
<u>A01G 33 /-</u> 2024200445	<u>A61B 6 /-</u> 2023203775	2023285905	<u>A61K 47 /-</u> 2024200496	<u>A61P 29 /-</u> 2022423922	<u>B05B 9 /-</u> 2023200045
<u>A01H 5 /-</u> 2024200329	<u>A61B 8 /-</u> 2023203775	2024200488	<u>A61K 48 /-</u> 2024200496	<u>A61P 31 /-</u> 2024200496	<u>B07B 1 /-</u> 2024200453
<u>A01K 11 /-</u> 2024200524	<u>A61B 90 /-</u> 2024200545	2024200425 2024200539	<u>A61P 35 /-</u> 2023200964	<u>B07B 13 /-</u> 2024200453	<u>B66F 9 /-</u> 2023208127
<u>A01N 1 /-</u> 2024200468	<u>A61C 19 /-</u> 2024200508	2023200964	<u>A61K 49 /-</u> 2023200964	<u>B09B 3 /-</u> 2024200476	<u>B65G 1 /-</u> 2024200511
<u>A01N 35 /-</u> 2024200515	<u>A61C 7 /-</u> 2023285971	2023200964	<u>A61K 51 /-</u> 2024200496	<u>B25B 27 /-</u> 2023203411	<u>B67D 7 /-</u> 2024200472
<u>A01N 43 /-</u> 2024200573	<u>A61F 2 /-</u> 2023208130	2022408196 2024200375	<u>A61K 8 /-</u> 2024200495	<u>B26B 19 /-</u> 2023285971	<u>B81B 1 /-</u> 2024200450
<u>A23L 13 /-</u> 2024200533	<u>A61K 9 /-</u> 2024200461	2024200466 2024200482	<u>A61P 7 /-</u> 2024200464	<u>B27B 31 /-</u> 2024200556	<u>B82Y 30 /-</u> 2024200509
<u>A23L 19 /-</u> 2022408196	<u>A61Q 11 /-</u> 2024200485	2024200488 2024200519	<u>A61Q 11 /-</u> 2024200508	<u>B27M 1 /-</u> 2024200556	<u>B82Y 40 /-</u> 2024200509
2022423922	<u>A61F 5 /-</u> 2024200490	2024200537	<u>A61Q 17 /-</u> 2022408196	<u>C01B 3 /-</u> 2024200390	
<u>A23L 27 /-</u> 2024200533	<u>A61F 7 /-</u> 2024200473	2024200519	<u>A61L 15 /-</u> 2022408196	<u>B28B 1 /-</u> 2023203080	<u>C01B 32 /-</u> 2024200509
<u>A23L 5 /-</u> 2022408196	<u>A61G 17 /-</u> 2023203080	2022209354 2022209355	<u>A61L 2 /-</u> 2024200494	<u>B32B 5 /-</u> 2022209341	
2022423922	<u>A61H 23 /-</u> 2024200501		<u>A62B 18 /-</u> 2024200494	<u>B60P 1 /-</u> 2023208127	<u>C01F 17 /-</u> 2023214242
2024200479	<u>A61K 31 /-</u> 2023274178	<u>A61M 11 /-</u> 2024200483	<u>A62B 23 /-</u> 2022209341	<u>B61D 15 /-</u> 2024200511	<u>C02F 1 /-</u> 2023208122
<u>A24F 47 /-</u> 2024200483			<u>A62B 7 /-</u> 2024200492	<u>B60W 60 /-</u> 2023208127	<u>C02F 11 /-</u> 2023208122
<u>A41D 13 /-</u> 2022209341			<u>A61M 11 /-</u> 2024200483	<u>B61D 15 /-</u> 2024200476	<u>C02F 3 /-</u> 2024200504
<u>A47B 88 /-</u> 2024200511			<u>A62B 9 /-</u> 2024200492	<u>B61D 15 /-</u> 2024200476	<u>C02F 9 /-</u> 2024200504
<u>A47G 33 /-</u> 2023203080			<u>A63F 1 /-</u> 2024200557	<u>B61D 17 /-</u> 2024200476	<u>C02F 9 /-</u> 2023208122
<u>A47J 27 /-</u> 2024200455	<u>A61K 35 /-</u> 2024200495	2024200492 2024200494	<u>A63F 13 /-</u> 2023204168	<u>B61L 1 /-</u> 2024200532	<u>C04B 14 /-</u> 2023203080

Applications Open to Public Inspection - IPC Index cont'd

C04B 18 /- 2023203080	C09D 7 /- 2024200481	E05B 83 /- 2024200476	G01B 11 /- 2024200522	G05D 13 /- 2022268367	G06Q 99 /- 2024200385
C04B 28 /- 2023203080	C09K 13 /- 2024200456	E06B 3 /- 2023208204	G01B 9 /- 2024200522	G05D 23 /- 2024200455	G06T 11 /- 2022209306
C07C 229 /- 2024200456	C10G 29 /- 2024200479	E21B 17 /- 2024200135	G01C 15 /- 2024200500	G05D 3 /- 2023208127	G06T 13 /- 2023203928 2024200460
C07C 309 /- 2023200964	C10G 31 /- 2024200479	E21B 33 /- 2022209342 2022209347	G01C 21 /- 2023206165	G06F 1 /- 2023204697	G06T 15 /- 2023206163
C07D 213 /- 2023200964	C11B 13 /- 2024200479	F02C 6 /- 2024200390	G02C 6 /- 2024200491	G06F 16 /- 2022209362 2023204697	G06T 17 /- 2023203928
C07D 231 /- 2024200464	C11B 3 /- 2024200479	F16D 1 /- 2024200580	G01C 25 /- 2023208182	G06F 17 /- 2024200540	G06T 19 /- 2023206163
C07D 239 /- 2024200464	C12M 1 /- 2024200462	F16D 3 /- 2024200580	G01K 1 /- 2024200524	G06F 21 /- 2023203899	G06T 3 /- 2022209306
C07D 401 /- 2024200464 2024200566	C12M 3 /- 2024200445 2024200462	F16D 43 /- 2023206129	G01K 13 /- 2024200524	G06F 21 /- 2023204697 2023286035	G06T 5 /- 2022209306 2024200500
C07D 403 /- 2024200521 2024200566	C12N 15 /- 2024200329 2024200404	F16K 15 /- 2023206164	G01N 27 /- 2023206164	G06F 3 /- 2023202068	G06T 7 /- 2023203775
C07D 405 /- 2024200566	C12N 15 /- 2024200446 2024200539	F16K 17 /- 2022209347	G01N 33 /- 2023285905	G06F 40 /- 2024200478	G06T 9 /- 2023203899
C07D 413 /- 2023274178 2024200566	C12N 5 /- 2024200462 2024200552 2024200581	F16L 11 /- 2024200135	G01R 1 /- 2024200561 2024200581	G06F 40 /- 2023202068	G06V 10 /- 2023203775
C07D 417 /- 2024200566	C12N 9 /- 2023270311	F16L 21 /- 2023200042	G01R 33 /- 2024200517	G06K 19 /- 2022209353	G06V 20 /- 2023206163 2024200500
C07D 451 /- 2024200566	C12Q 1 /- 2023274212	F16L 3 /- 2024200135	G01S 17 /- 2024200491	G06N 10 /- 2024200550	G07F 17 /- 2023204170
C07D 471 /- 2024200566	C12Q 1 /- 2024200450 2024200463	F16L 37 /- 2023200042	G01S 5 /- 2024200529	G06N 20 /- 2023202068	G07F 7 /- 2024200525
C07D 487 /- 2024200566	C25B 1 /- 2024200233	F21V 17 /- 2022209355	G01S 7 /- 2024200500	G06N 3 /- 2022209306	G08B 1 /- 2024200492
C07D 491 /- 2024200573	D06F 37 /- 2024200448	F21V 21 /- 2022209354	G02B 21 /- 2024200522	G06N 3 /- 2023203928	G08G 1 /- 2024200517
C07K 14 /- 2024200446 2024200489 2024200495	E01F 9 /- 2023208174	F21V 23 /- 2022209354	G02B 27 /- 2023206163	G06Q 10 /- 2023204414	G09F 9 /- 2023208174
C07K 14 /- 2024200496 2024200512 2024200539	E02D 35 /- 2023210537	F22B 1 /- 2022209355	G02B 7 /- 2024200522	G06Q 20 /- 2024200525	G09G 3 /- 2023208174
C07K 16 /- 2023285905	E02D 5 /- 2023210537	F22B 1 /- 2024200473	G03G 15 /- 2024200580	G06Q 20 /- 2024200576	G10L 15 /- 2023202068
C07K 7 /- 2024200465 2024200528	E04D 13 /- 2023200596	F24S 20 /- 2023208205	G05B 13 /- 2023204414	G06Q 40 /- 2023202068	G16B 30 /- 2024200559
C09B 1 /- 2023200964	E04D 3 /- 2023200596	F25D 25 /- 2024200546	G05B 19 /- 2024200504	G06Q 40 /- 2023202068	G16B 45 /- 2024200559
C09D 11 /- 2024200481	E04H 4 /- 2024200531	F42D 1 /- 2022209342 2022209347	G05B 19 /- 2023204414	G06Q 50 /- 2022209362	G16C 10 /- 2024200475
	E05B 65 /- 2024200476	F42D 5 /- 2022209342 2022209347	G05D 1 /- 2023206164 2023206165 2023208127	G06Q 50 /- 2023204414 2024200571	G16H 20 /- 2024200477

Applications Open to Public Inspection - IPC Index cont'd

G16H 30 /-	2024200562
2023203899	H04N 21 /-
	2022209306
G16Y 40 /-	2024200460
2022228141	2024200544
H01B 17 /-	H04N 23 /-
2023208098	2022440629
H01F 7 /-	H04N 5 /-
2024200473	2022209306
	2024200544
H01L 21 /-	H04N 7 /-
2022252768	2022209306
H01L 31 /-	H04N 9 /-
2022252768	2022209306
H01M 10 /-	H04W 12 /-
2023204096	2023204697
H01M 4 /-	2023286035
2024200233	2024200447
H01M 6 /-	H04W 4 /-
2023208206	2024200529
H01M 8 /-	2024200558
2023208206	H04W 52 /-
H01Q 1 /-	2024200554
2022209353	H04W 76 /-
H02G 11 /-	2024200554
2024200135	H04W 80 /-
H02G 3 /-	2023206163
2024200135	H05B 1 /-
H02J 1 /-	2024200492
2022259710	H05K 7 /-
H02J 3 /-	2023204096
2022259710	No IPC Mark
H02J 7 /-	
2023204096	
H04B 1 /-	
2022368367	
H04L 12 /-	
2022228141	
H04L 41 /-	
2023203415	
H04L 9 /-	
2023204697	
2023206123	
2024200385	
2024200447	
2024200558	
2024200563	
H04M 1 /-	
2024200544	
H04M 3 /-	
2024200558	
H04N 19 /-	
2024200480	

PCT applications which have entered the National Phase

Name Index

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 (54) INTEGRATED PLATFORM FOR NANOSATELLITE SYSTEM DATA PROCESSING
 (51) Int. Cl.
H04B 7/185 (2006.01)
 (87) WO2023/000044
 (31) 113402 (32) 22.07.21 (33) BG
 (43) 26.01.2023
 (72) RAICHEV, Raycho Ruslanov; TOSHEV, Lyubomir Angelov
 (74) Griffith Hack

(71) 1E THERAPEUTICS, LTD.
 (11) AU-A-2022322003
 (21) 2022322003 (22) 04.08.2022
 (54) GUANINE-RICH DEOXYRIBOZYMES, COMPOSITIONS AND USES THEREOF
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7125 (2006.01)
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 (31) 63/229,327 (32) 04.08.21 (33) US
 (43) 09.02.2023
 (72) BACHELET, Ido; ABU-HOROWITZ, Almogit; KRIEGER, Gat; OVADYA, Yossi; RAICHLIN, Dina; KATZ-KADOSH, Etti; KNANY, Alaa; BARAKEY, Shireen; BOROVSKY, Noam; COHEN, Noam; MARMOR-KOLLET, Hagai; ROSENBERG, Alexander; LEVY-ZAMIR, Adva
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 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7125 (2006.01)
A61P 31/04 (2006.01)
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 (51) Int. Cl.
B08B 5/02 (2006.01)
H99Z 99/00 (2006.01)
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 (72) FLEMING, Brett; HUNTER, Elton
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 (11) AU-A-2022310301
 (21) 2022310301 (22) 12.07.2022
 (54) CELL CULTURE MEDIUM AND SUPPLEMENTS FOR CORNEAL AND SKIN CELL CULTURE
 (51) Int. Cl.
C12N 5/00 (2006.01)
A61L 27/38 (2006.01)
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 (54) METHODS OF TREATING MIGRAINE WITH MNK INHIBITORS
 (51) Int. Cl.
A61K 31/437 (2006.01)
C07D 471/04 (2006.01)
C07D 471/20 (2006.01)
A61P 29/00 (2006.01)
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 (43) 09.02.2023
 (72) PRICE, Theodore J.; SAHN, James J.
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2022320632 (22) 26.07.2022
 (54) HYBRID POWDER FEED DEVICE
 (51) Int. Cl.
H05H 1/42 (2006.01)
B05B 7/14 (2006.01)
B22F 9/14 (2006.01)
B41F 23/06 (2006.01)
G01F 11/18 (2006.01)
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 (72) MAJCHER, Jared; KOZLOWSKI, Michael; REDJDAL, Makhlof
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2022401750 (22) 09.11.2022
 (54) PYRAZOLE DERIVATIVE, AND PREPARATION METHOD THEREFOR AND USE THEREOF IN MEDICINE
 (51) Int. Cl.
C07D 237/32 (2006.01)
A61K 31/502 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
C07D 471/04 (2006.01)
C07D 471/14 (2006.01)
C07D 487/04 (2006.01)
C07D 498/04 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) FGFR4 INHIBITOR ACID SALT, PREPARATION METHOD THEREFOR, AND USE THEREOF
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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 (72) ZHANG, Lei; HOU, Qiwen; YU, Hongping
 (74) FPA Patent Attorneys Pty Ltd

(71) ABCELLERA BIOLOGICS INC.
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 (54) ANTIBODY COMPETITION MODEL USING AFFINITIES OF HIDDEN VARIABLES
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G16B 40/30 (2019.01)
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 (31) 63/219,578 (32) 08.07.21 (33) US

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

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(74) WRAYS PTY LTD
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(54) MOTOR CABLES FOR INTRAVASCULAR BLOOD PUMPS
(51) Int. Cl.
A61M 60/13 (2021.01)
A61M 60/221 (2021.01)
A61M 60/416 (2021.01)
A61M 60/422 (2021.01)
A61M 60/878 (2021.01)
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(31) 63/232,323 (32) 12.08.21 (33) US
(43) 16.02.2023
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(74) Davies Collison Cave Pty Ltd
-
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(11) AU-A-2022339568
(21) 2022339568 (22) 30.08.2022
(54) INTRAVASCULAR BLOOD PUMP IN COMBINATION WITH CATHETER CONFIGURED TO CONTROL PUMP POSITION IN PATIENT'S HEART
(51) Int. Cl.
A61M 60/13 (2021.01)
A61M 60/237 (2021.01)
A61M 60/414 (2021.01)
A61M 60/818 (2021.01)
A61M 60/857 (2021.01)
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63/245,308 17.09.21 US
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(54) ANTI-B7-H4/ANTI-4-1BB BISPECIFIC ANTIBODIES AND USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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G06F 12/00 (2006.01)
A61K 31/7088 (2006.01)
A61K 35/17 (2015.01)
A61K 47/68 (2017.01)
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A01N 43/64 (2006.01)
A61K 31/33 (2006.01)
A61K 31/395 (2006.01)
A61K 45/06 (2006.01)
A61P 25/00 (2006.01)
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A01P 13/00 (2006.01)
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A01K 45/00 (2006.01)
A61D 1/02 (2006.01)
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H02N 2/18 (2006.01)
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G16H 40/63 (2018.01)
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C07K 14/71 (2006.01)
A61K 38/00 (2006.01)
A61K 47/68 (2017.01)
A61P 27/02 (2006.01)
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 (51) Int. Cl.
A61F 2/52 (2006.01)
A61L 27/60 (2006.01)
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 (51) Int. Cl.
G06F 3/04817 (2022.01)
G06F 3/0482 (2013.01)
G06F 16/16 (2019.01)
G06Q 10/06 (2023.01)
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G06F 3/0482 (2013.01)
G06F 3/04817 (2022.01)
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G06F 8/20 (2018.01)
G06Q 10/06 (2023.01)
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 (54) COMPOUND APPLICATOR
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B05C 17/015 (2006.01)
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E04F 21/165 (2006.01)
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A61K 31/395 (2006.01)
A61K 31/519 (2006.01)
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A61K 31/519 (2006.01)
A61K 31/5377 (2006.01)
C07D 403/14 (2006.01)
A61P 35/00 (2006.01)
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 (51) Int. Cl.
G01N 33/15 (2006.01)
C12N 5/071 (2010.01)
G01N 33/50 (2006.01)
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H01M 8/00 (2016.01)
H01M 8/04 (2016.01)
H01M 8/06 (2016.01)
H01M 8/1007 (2016.01)
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 (51) Int. Cl.
A43B 7/38 (2006.01)
A43B 7/1415 (2022.01)
A43B 13/14 (2006.01)
A63B 26/00 (2006.01)
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 (51) Int. Cl.
A61K 31/36 (2006.01)
A61K 45/06 (2006.01)
A61K 31/48 (2006.01)
A61P 25/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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(54) METHODS OF MANUFACTURING A BIFUNCTIONAL COMPOUND
(51) Int. Cl. **C07D 207/16** (2006.01) **C07C 235/00** (2006.01) **C07D 209/46** (2006.01) **C07D 211/32** (2006.01) **C07D 295/205** (2006.01) **C07D 401/04** (2006.01) **C07D 401/14** (2006.01)
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(54) METHOD OF PRODUCING FERMENTED MALT-BASED LIQUID
(51) Int. Cl. **C12C 11/00** (2006.01) **C12C 11/02** (2006.01) **C12C 12/00** (2006.01) **C12C 12/04** (2006.01) **C12G 3/021** (2019.01) **C12G 3/025** (2019.01)
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(51) Int. Cl. **G06Q 10/02** (2012.01) **G06Q 10/06** (2023.01) **G06Q 30/06** (2023.01) **G07C 9/00** (2020.01) **H04W 4/02** (2018.01)
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(51) Int. Cl. **C12M 3/00** (2006.01) **A23L 13/00** (2016.01) **C12M 1/00** (2006.01) **C12N 5/071** (2010.01) **C12N 5/074** (2010.01) **C12N 5/075** (2010.01)
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(54) COOLING SYSTEM
(51) Int. Cl. **G06F 1/00** (2006.01) **F28D 15/00** (2006.01) **F28D 20/02** (2006.01) **F28F 27/00** (2006.01) **G06F 1/20** (2006.01) **H01L 23/34** (2006.01) **H01L 23/427** (2006.01) **H01L 23/473** (2006.01) **H01M 10/60** (2014.01) **H05K 7/20** (2006.01)
(87) WO2023/285784
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(51) Int. Cl. **F41G 7/22** (2006.01) **F41G 3/14** (2006.01) **F41G 3/32** (2006.01) **F41G 7/00** (2006.01) **G01J 1/02** (2006.01) **G01S 7/497** (2006.01)
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 (51) Int. Cl.
F03G 7/10 (2006.01)
F16H 25/14 (2006.01)
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 (74) Baxter Patent Attorneys Pty Ltd
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 (51) Int. Cl.
C07D 401/04 (2006.01)
A01N 43/54 (2006.01)
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 (31) 21189032.2 (32) 02.08.21 (33) EP
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 (74) Griffith Hack
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 (21) 2022323668 (22) 25.07.2022
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C07D 401/04 (2006.01)
A01N 43/54 (2006.01)
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 (31) 21189028.0 (32) 02.08.21 (33) EP
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C25B 9/01 (2021.01)
C25B 11/02 (2021.01)
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A01P 3/00 (2006.01)
A01N 43/40 (2006.01)
A01N 43/653 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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 (51) Int. Cl.
C07D 409/14 (2006.01)
A61K 31/4178 (2006.01)
A61P 7/02 (2006.01)
C07C 309/04 (2006.01)
 (87) WO2023/031083
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A01N 43/74 (2006.01)
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(54) RARE EARTH OXIDE STANDARD SAMPLE AND PREPARATION METHOD THEREOF
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H01M 10/052 (2010.01)
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G01C 9/20 (2006.01)
A47J 27/21 (2006.01)
A47J 27/212 (2006.01)
G01F 23/24 (2006.01)
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(72) WIDANAGAMAGE DON, Lochana Subasekara; PSAROLOGOS, Con; YALLOP, Richard; KUMAR, Vinay; CARULLO, Rey Anthony		(31) 63/228,620	(32) 03.08.21 (33) US
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(11) AU-A-2022318131		(11) AU-A-2022313196	(11) AU-A-202231582
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(74) Griffith Hack		(74) FPA Patent Attorneys Pty Ltd	(74) FPA Patent Attorneys Pty Ltd
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(74) Patentecc Patent Attorneys		(74) Patent Attorney Services	(74) Griffith Hack
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C12N 1/20 (2006.01)
A23L 3/3571 (2006.01)
C07K 14/335 (2006.01)
C12N 1/38 (2006.01)
C12R 1/225 (2006.01)
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A61F 2/30 (2006.01)
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A23L 5/00 (2016.01)
A23L 19/00 (2016.01)
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A61B 6/03 (2006.01)
A61B 8/08 (2006.01)
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C07K 14/15 (2006.01)
C12N 15/113 (2010.01)
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H01L 29/08 (2006.01)
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 C07C 5/22 (2006.01)
 C07C 67/02 (2006.01)
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 C10L 1/02 (2006.01)
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 D21C 9/00 (2006.01)
 B01F 27/00 (2022.01)
 D21B 1/34 (2006.01)
 D21H 11/18 (2006.01)
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 C07D 401/04 (2006.01)
 A61K 31/4709 (2006.01)
 A61K 31/506 (2006.01)
 A61P 35/00 (2006.01)
 C07D 401/14 (2006.01)
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 H02J 7/00 (2006.01)
 G01R 19/165 (2006.01)
 G01R 31/382 (2019.01)
 G01R 31/392 (2019.01)
 G06N 3/00 (2023.01)
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 A23C 9/13 (2006.01)
 A23F 5/40 (2006.01)
 A23F 5/42 (2006.01)
 A23L 2/38 (2021.01)
 A23L 2/40 (2006.01)
 A23L 2/54 (2006.01)

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A01N 25/10 (2006.01)
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C07K 1/18 (2006.01)
A61K 47/68 (2017.01)
C07K 1/107 (2006.01)
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(51) Int. Cl.
C12N 15/10 (2006.01)
C12N 9/12 (2006.01)
C12N 9/22 (2006.01)
C12N 9/78 (2006.01)
C12N 15/113 (2010.01)
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B60W 40/08 (2012.01)
B60R 1/04 (2006.01)
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C01B 3/00 (2006.01)
B01J 31/18 (2006.01)
B01J 31/22 (2006.01)
B01J 31/24 (2006.01)
B01J 31/40 (2006.01)
C07C 51/02 (2006.01)
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C12N 15/63 (2006.01)
A61K 31/7105 (2006.01)
C07H 21/02 (2006.01)
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(54) A MEDIA HANDLING SYSTEM AND RELATED METHOD
(51) Int. Cl.
B02C 17/18 (2006.01)
B02C 17/20 (2006.01)
B02C 23/18 (2006.01)
B02C 25/00 (2006.01)
B65G 53/30 (2006.01)
B65G 53/58 (2006.01)
B65G 53/66 (2006.01)
G05B 13/02 (2006.01)
G05B 19/05 (2006.01)
G05D 7/06 (2006.01)
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C02F 1/24 (2023.01)
C02F 1/28 (2023.01)
C02F 101/36 (2006.01)
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C08J 5/24 (2006.01)
C08J 5/04 (2006.01)
F01D 5/28 (2006.01)
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 (54) METHOD FOR ALLOCATING ELECTRICAL ENERGY WITHIN AN ELECTROLYSIS PLANT
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H02J 3/14 (2006.01)
C25B 1/02 (2006.01)
H02J 11/00 (2006.01)
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C25B 1/04 (2021.01)

C25B 9/19 (2021.01)
C25B 9/60 (2021.01)
C25B 9/70 (2021.01)
C25B 15/02 (2021.01)
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C25B 15/08 (2006.01)
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E21B 44/00 (2006.01)
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E21B 34/10 (2006.01)
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E21B 47/06 (2012.01)
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C07D 401/14 (2006.01)
A61K 31/438 (2006.01)
A61K 31/444 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/502 (2006.01)
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 (54) WAVE ENERGY CONVERSION DEVICE
 (51) Int. Cl.
F03B 13/22 (2006.01)
F03B 3/16 (2006.01)
F03B 3/18 (2006.01)
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 (72) HAN, Lei
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 (54) IMPROVING REACTIVITY OF CARBONATED RECYCLED CONCRETE FINES
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C04B 14/26 (2006.01)
C04B 20/02 (2006.01)
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C04B 103/00 (2006.01)
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 (31) 21198297.0 (32) 22.09.21 (33) EP 30.03.2023
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A61H 33/12 (2006.01)
A61M 16/16 (2006.01)
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 (54) IGFR-L1 ANTIBODIES AND USES THEREOF
 (51) Int. Cl.
C07K 16/28 (2006.01)
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 (72) LICKERT, Heiko; COSKUN, Ünal; GRZYBEK, Michal
 (74) James & Wells Intellectual Property
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 (21) 202233979 (22) 16.08.2022
 (54) DAMPING AIR SPRING FOR HEAVY-DUTY VEHICLE AXLE/SUSPENSION SYSTEMS
 (51) Int. Cl.
B60G 11/27 (2006.01)
B60G 13/10 (2006.01)
F16F 9/05 (2006.01)
 (87) WO2023/027913
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 (72) DELORENZIS, Damon; ZAWACKI, Jeff R.
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 (54) DAMPING AIR SPRING FOR HEAVY-DUTY VEHICLE AXLE/SUSPENSION SYSTEMS
 (51) Int. Cl.
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A61P 3/00 (2006.01)
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A61K 31/50 (2006.01)
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C07D 401/04 (2006.01)
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H04L 9/00 (2022.01)
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B29C 44/34 (2006.01)
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 (51) Int. Cl.
C12N 15/11 (2006.01)
A61K 31/7088 (2006.01)
A61K 31/7115 (2006.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
A61K 48/00 (2006.01)
A61P 43/00 (2006.01)
C07H 21/02 (2006.01)
C07H 21/04 (2006.01)
C12N 5/10 (2006.01)
C12N 15/67 (2006.01)
C12P 21/02 (2006.01)
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C22B 11/00 (2006.01)
C22B 1/00 (2006.01)

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(51) Int. Cl.	(51) Int. Cl.	A61K 39/395 (2006.01)	
A61F 5/41 (2006.01)	H01M 50/224 (2021.01)	A61K 47/55 (2017.01)	
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(54) IMPROVEMENTS IN OR RELATING	(21) 2022321007	TSAY, Fuh-rong; KONG, Jongrock;	
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(54) IMPROVEMENTS IN OR RELATING	(54) METHOD AND DEVICE FOR WIRING	(11) AU-A-202231279	
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(51) Int. Cl.	(51) Int. Cl.	(54) THERMOSTABLE LIPID NANOPARTICLE AND METHODS OF USE THEREOF	
B01L 3/00 (2006.01)	H01L 31/0224 (2006.01)		
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H05B 6/72 (2006.01)
H01P 1/06 (2006.01)
H01P 5/02 (2006.01)
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A61M 39/06 (2006.01)
A61B 17/22 (2006.01)
A61F 2/82 (2013.01)
A61M 1/00 (2006.01)
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F24D 19/10 (2006.01)
G01K 1/143 (2021.01)
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B65B 5/04 (2006.01)
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B65D 5/00 (2006.01)
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C12N 15/82 (2006.01)
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B29C 64/118 (2017.01)
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B33Y 10/00 (2015.01)
B33Y 40/20 (2020.01)
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A61P 31/00 (2006.01)
A61P 31/02 (2006.01)
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C07K 16/30 (2006.01)
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- (54) PYRIMIDINE COMPOUNDS AND USE THEREOF
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C07D 413/14 (2006.01)
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G01N 33/68 (2006.01)
C40B 30/04 (2006.01)
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G16H 30/20 (2018.01)
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
A61B 5/03 (2006.01)
A61B 5/055 (2006.01)
A61B 6/00 (2006.01)
A61B 8/08 (2006.01)
G06T 7/00 (2017.01)
G16H 50/30 (2018.01)
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A61N 1/36 (2006.01)
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C07K 14/47 (2006.01)
A23C 20/00 (2006.01)
A23J 1/00 (2006.01)
A23J 3/20 (2006.01)
A23L 33/195 (2016.01)
C12N 15/70 (2006.01)
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C12N 15/75 (2006.01)
C12R 1/125 (2006.01)
C12R 1/19 (2006.01)
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G06F 21/83 (2013.01)
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 (51) Int. Cl.
F24S 50/20 (2018.01)
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B01D 53/04 (2006.01)
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C01B 32/50 (2017.01)
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A24D 1/20 (2020.01)
A24F 40/30 (2020.01)
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A24C 5/01 (2020.01)
A24F 40/20 (2020.01)
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 (72) RICHARDSON, John; ENGLAND, Will;
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G16H 20/10 (2018.01)
A24F 40/10 (2020.01)
A24F 40/50 (2020.01)
G16H 20/13 (2018.01)
A61B 5/00 (2006.01)
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C07K 16/30 (2006.01)
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/13 (2006.01)
C12N 15/64 (2006.01)
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C09D 5/02 (2006.01)
C09D 7/62 (2018.01)
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 KAWAKAMI Shinya; UMEDA Masako;
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 Kosuke
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G01N 25/04 (2006.01)
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F02C 7/22 (2006.01)
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 (74) Patent Attorney Services
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C07K 4/00 (2006.01)
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A61K 51/08 (2006.01)
A61P 13/08 (2006.01)
A61P 35/00 (2006.01)
C07B 59/00 (2006.01)
C07C 273/18 (2006.01)
C07C 275/16 (2006.01)
C07F 5/02 (2006.01)
G01T 1/161 (2006.01)
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A61P 31/16 (2006.01)
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C07K 14/11 (2006.01)
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 DHARMASENA, Dilanka Theshan;
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 CONRAD, Parker Rouse
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 (74) A.P.T. Patent and Trade Mark Attorneys
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 (54) MULTIPATH REPEATER SYSTEMS
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H04W 76/15 (2018.01)
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B01D 61/58 (2006.01)
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B01D 69/12 (2006.01)
C02F 9/00 (2023.01)
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(51) Int. Cl.
F25D 23/10 (2006.01)
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(31) 202110913303.2 (32) 10.08.21 (33) CN
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H04N 19/52 (2014.01)
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C12M 1/36 (2006.01)
C12M 1/26 (2006.01)
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(51) Int. Cl.
H10N 60/85 (2023.01)
C04B 35/447 (2006.01)
H10N 60/01 (2023.01)
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(54) ANTIBODIES AND ANTIBODY CONJUGATES SPECIFIC FOR NECTIN-4 AND METHODS OF USE THEREOF
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 47/54 (2017.01)
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- (71) RAYZEBIO, INC.**
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(54) STABILIZED COMPOSITIONS OF RADIONUCLIDES AND USES THEREOF
(51) Int. Cl.
A61K 51/10 (2006.01)
A61K 51/04 (2006.01)
A61K 51/08 (2006.01)
C07K 7/64 (2006.01)
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C02F 1/44 (2023.01)
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G07F 11/06 (2006.01)
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(72) BRAIDO, Daniel; WILSON, Audley
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(54) COMPOSITION OF HYALURONIC ACID AND USE ALONE AND IN COMBINATION WITH RETINOIDS TO IMPROVE SKIN
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A61K 8/73 (2006.01)
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(51) Int. Cl.
A61B 17/66 (2006.01)
A61B 17/86 (2006.01)
A61B 17/88 (2006.01)
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A23C 9/152 (2006.01)
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H04W 74/08 (2009.01)
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- (51) Int. Cl.
G06F 1/16 (2006.01)
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A61K 35/55 (2015.01)
- A61P 37/06** (2006.01)
C07K 14/705 (2006.01)
C12N 5/071 (2010.01)
C12N 5/0783 (2010.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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C07H 15/26 (2006.01)
A61K 31/70 (2006.01)
C07D 201/00 (2006.01)
C07D 307/20 (2006.01)
C07F 9/00 (2006.01)
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A01C 1/06 (2006.01)
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B01D 15/00 (2006.01)
B01J 49/30 (2017.01)
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C01D 3/06 (2006.01)
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A61K 33/06 (2006.01)
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(72) YOSHIMURA, Yuya; ONISHI, Hazuki; SHIBUTANI, Daisuke
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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A61K 47/54 (2017.01)
A61P 1/16 (2006.01)
C07H 5/06 (2006.01)
C12N 15/113 (2010.01)
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- (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/506 (2006.01)
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A61K 38/21 (2006.01)

A61K 47/68 (2017.01)

A61P 35/00 (2006.01)

C12N 5/10 (2006.01)

C12N 15/62 (2006.01)

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(72) HE, Ke; SONG, Liping; FAN, Yi; CHEN, Yingjiao

(74) Churchill Attorneys

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(11) AU-A-2022315419

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(54) DRUG FOR PREVENTING, ALLEVIATING OR TREATING MUCOSAL ADHESION AND USE THEREOF

(51) Int. Cl.

C12Q 1/68 (2018.01)

A61K 39/395 (2006.01)

C07K 14/185 (2006.01)

(87) WO2023/001304

(31) 202110833123.3 (32) 22.07.21 (33) CN

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(72) LIU, Junling; FAN, Xuemei; LIU, Yanjun

(74) Davies Collison Cave Pty Ltd

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(54) PHARMACEUTICAL COMPOSITION OR DRUG KIT FOR ALLEVIATING OR TREATING FIBROTIC DISEASES, AND USE THEREOF

(51) Int. Cl.

A61K 38/00 (2006.01)

A61K 38/16 (2006.01)

A61K 39/00 (2006.01)

A61P 11/00 (2006.01)

A61P 17/02 (2006.01)

C07K 14/485 (2006.01)

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(72) LIU, Junling; FAN, Xuemei; SONG, Haoliang; LIU, Yanjun

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(71) SHANGHAI ZHIMENG BIOPHARMA, INC.

(11) AU-A-2022314096

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(54) PREPARATION METHOD FOR HEPATITIS B VIRUS NUCLEOCAPSID INHIBITOR

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C07D 413/14 (2006.01)

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(72) LIU, Gang; LIANG, Bo; CHEN, Huanming; JIANG, Zhaojian

(74) FPA Patent Attorneys Pty Ltd

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(54) CRYSTAL FORM OF COMPOUND REPRESENTED BY FORMULA I, AND PREPARATION THEREFOR AND APPLICATION THEREOF

(51) Int. Cl.

C07D 413/14 (2006.01)

A61K 31/428 (2006.01)

A61P 1/16 (2006.01)

A61P 31/20 (2006.01)

C07D 413/04 (2006.01)

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(87) WO2023/001299

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(72) LIU, Gang; LIANG, Bo; JIANG, Zhaojian; CHEN, Huanming

(74) FPA Patent Attorneys Pty Ltd

(71) SHINE TECHNOLOGIES, LLC

(11) AU-A-2021460288

(21) 2021460288 (22) 13.08.2021

(54) MAGNETIC ROTATION DEVICE FOR HIGH VACUUM APPLICATIONS SUCH AS ION AND ISOTOPE PRODUCTION

(51) Int. Cl.

H01J 37/34 (2006.01)

C23C 14/35 (2006.01)

C23C 14/46 (2006.01)

C23C 14/50 (2006.01)

H01J 37/317 (2006.01)

(87) WO2023/018419

(43) 16.02.2023

(72) MARTIN, Daniel

(74) AJ PARK

(71) SHUJING BIOPHARMA CO., LTD; JIANGSU NHWA PHARMACEUTICAL CO., LTD

(11) AU-A-2022322838

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(54) OXASPIRO DERIVATIVE, AND PREPARATION METHOD THEREFOR AND USE THEREOF

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C07D 493/10 (2006.01)

A61K 31/35 (2006.01)

A61K 31/4433 (2006.01)

A61P 25/04 (2006.01)

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(72) FENG, Jiaquan; DENG, Xinshan; WAN, Zehong

(74) FPA Patent Attorneys Pty Ltd

(71) SILICON QUANTUM COMPUTING PTY LIMITED

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B82Y 10/00 (2011.01)

B82Y 40/00 (2011.01)

G06N 10/40 (2022.01)

H01L 29/66 (2006.01)

(87) WO2023/010164

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(74) FPA Patent Attorneys Pty Ltd

(71) SIMPSON STRONG-TIE COMPANY INC.

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(21) 2022354880 (22) 29.09.2022

(54) CONCRETE FASTENER INSTALLATION USING LOW VISCOSITY ADHESIVE

(51) Int. Cl.

F16B 25/00 (2006.01)

F16B 11/00 (2006.01)

(87) WO2023/055888

(31) 17/491,342

(32) 30.09.21 (33) US

(43) 06.04.2023

(72) HOUCK, Joel

(74) Davies Collison Cave Pty Ltd

(71) SLAB DREAM LAB LLC

(11) AU-A-2022317136

(21) 2022317136 (22) 28.07.2022

(54) BUILDING BLOCK BASEPLATE WITH CONNECTOR CLIP

(51) Int. Cl.

A63H 33/08 (2006.01)

A63H 33/04 (2006.01)

A63H 33/10 (2006.01)

A63H 33/14 (2006.01)

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(72) THOMPSON, Robert Lyle

(74) PHILLIPS ORMONDE FITZPATRICK

(71) SLEEP NUMBER CORPORATION

(11) AU-A-2022319611

(21) 2022319611 (22) 07.07.2022

(54) BED HAVING FEATURES FOR SENSING SLEEPER PRESSURE AND GENERATING ESTIMATES OF BRAIN ACTIVITY FOR USE IN DISEASE

(51) Int. Cl.

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(72) GARCIA MOLINA, Gary N.; BARR, Shawn	(72) WOOSTER, Timothy James; LESER, Martin, Erwin; CELIGUETA TORRES, Isabel; LAZIDIS, Aristodimos	
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(71) SLEEP SOLUTIONS OF TEXAS, LLC	(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.; CORNELL UNIVERSITY	(71) SUMITOMO HEAVY INDUSTRIES, LTD.
(11) AU-A-2022319881	(11) AU-A-2022356319	(11) AU-A-2022316664
(21) 2022319881	(21) 2022356319	(21) 2022316664
(54) BALLOON CATHETER AND METHODS OF TREATMENT USING SAME	(54) NICOTINAMIDE RIBOSIDE TRIOLEATES CHLORIDE, COMPOSITIONS CONTAINING THIS COMPOUND, AND METHODS OF MAKING AND USING THIS COMPOUND	(22) 28.07.2022
(51) Int. Cl.	(51) Int. Cl.	(54) COMBUSTION DEVICE, AND COMBUSTION METHOD
A61B 17/22 (2006.01)	A23L 2/52 (2006.01)	(51) Int. Cl.
A61B 18/26 (2006.01)	A23L 33/10 (2016.01)	F23C 1/04 (2006.01)
A61M 25/10 (2013.01)	A23L 33/12 (2016.01)	F23C 10/01 (2006.01)
(87) WO2023/010033	A61K 9/00 (2006.01)	F24V 30/00 (2018.01)
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(43) 02.02.2023	A61K 31/201 (2006.01)	(31) 2021-123951
(72) GHUGE, Raghavendra, Vitthalrao	A61K 31/706 (2006.01)	(32) 29.07.21 (33) JP
(74) Davies Collison Cave Pty Ltd	A61P 3/04 (2006.01)	(43) 02.02.2023
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(54) METHOD FOR TREATING SUSPENSIONS OF MINERAL PARTICLES	(87) WO2023/052573	(71) SUN HOPE CO., LTD.
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C02F 1/52 (2023.01)	(32) 30.09.21 (33) US	(21) 2022306199
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C02F 1/38 (2023.01)	(74) Spruson & Ferguson	(51) Int. Cl.
C02F 103/10 (2006.01)	<hr/>	A01N 59/08 (2006.01)
(87) WO2023/017110	(31) 63/250,362	A01P 1/00 (2006.01)
(31) 2108663	(32) 12.08.21 (33) FR	A61L 9/01 (2006.01)
21306115.3	12.08.21	(87) WO2023/281981
(43) 16.02.2023	<hr/>	(31) 2021-132083
(72) ADKINS, Steven; TIZZOTTI, Morgan	(72) TODA Masami	(32) 06.07.21 (33) JP
(74) Davies Collison Cave Pty Ltd	(74) Patentable	<hr/>
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(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	(71) SOLARCLEANO S.À R.L.	(71) SUZHOU TRANSCENTA THERAPEUTICS CO., LTD.
(11) AU-A-2022326368	(11) AU-A-2022302945	(11) AU-A-2022303977
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(54) AERATED CONFECTIONERY	(54) CLEANING ROBOT FOR A SOLAR POWER PLANT	(54) NOVEL ANTI-MASP-2 ANTIBODIES
(51) Int. Cl.	(51) Int. Cl.	(51) Int. Cl.
A23G 3/34 (2006.01)	F24S 40/20 (2018.01)	C07K 16/18 (2006.01)
A23G 3/44 (2006.01)	(87) WO2023/275234	A61K 39/395 (2006.01)
A23G 3/48 (2006.01)	(31) LU102836	A61P 37/00 (2006.01)
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(87) WO2023/025935	(72) TIMMERMANS, Christophe; KOKKAS, Andreas	(87) WO2023/274340
(31) 21193520.0	(74) WRAYS PTY LTD	(31) PCT/ CN2021/103715
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(51) Int. Cl.	C12N 5/0783 (2010.01)	(22) 26.07.2022

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A61K 39/12 (2006.01)
A61P 31/14 (2006.01)
A61P 31/20 (2006.01)
C07K 14/005 (2006.01)
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- (54) RECOMBINANT BACTERIA ENGINEERED TO TREAT DISEASES ASSOCIATED WITH METHIONINE METABOLISM AND METHODS OF USE THEREOF
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C12N 9/88 (2006.01)
A61K 35/741 (2015.01)
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 (74) Davies Collison Cave Pty Ltd
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A61K 38/44 (2006.01)
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C22B 1/14 (2006.01)
C22B 3/04 (2006.01)
C22B 3/08 (2006.01)
C22B 3/16 (2006.01)
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A47L 11/30 (2006.01)
A47L 11/40 (2006.01)
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H04W 28/02 (2009.01)
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B65D 81/38 (2006.01)
B32B 29/00 (2006.01)
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- (54) ADJUSTABLE BED ASSEMBLY WITH MAGNETIC ATTACHMENT AND METHODS OF MANUFACTURING SAME
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A47C 21/02 (2006.01)
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G01B 5/30 (2006.01)
G01L 1/20 (2006.01)
G01C 7/02 (2006.01)
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 (21) 2022345292 (22) 19.09.2022
- (54) JAMMED EMULSION TOOTHPASTE COMPOSITIONS
 (51) Int. Cl.
A61Q 11/02 (2006.01)
A61K 8/06 (2006.01)
A61K 8/22 (2006.01)

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A61K 8/49 (2006.01)
A61K 8/92 (2006.01)
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C12N 15/13 (2006.01)
A61K 9/19 (2006.01)
A61K 39/395 (2006.01)
A61K 48/00 (2006.01)
A61P 1/04 (2006.01)
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A61P 31/04 (2006.01)
A61P 37/06 (2006.01)
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C07K 16/12 (2006.01)
C12N 1/15 (2006.01)
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C12P 21/08 (2006.01)
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A61K 31/713 (2006.01)
A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C12N 15/11 (2006.01)
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A61K 47/54 (2017.01)
C12N 15/11 (2006.01)
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A61P 35/00 (2006.01)
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A61M 11/00 (2006.01)
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C12N 5/0775 (2010.01)
A61K 35/28 (2015.01)
A61K 48/00 (2006.01)
C07K 14/705 (2006.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 31/52 (2006.01)
A61K 47/10 (2017.01)
A61K 47/36 (2006.01)
A61K 47/38 (2006.01)
A61P 17/02 (2006.01)

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A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 9/50 (2006.01)
A61K 9/51 (2006.01)
A61K 38/00 (2006.01)
A61K 38/17 (2006.01)

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A01K 29/00 (2006.01)
G01S 19/07 (2010.01)
H04W 4/029 (2018.01)

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(72) SCHOLZ, Sebastian

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(71) TRIVIUM VET DESIGNATED ACTIVITY COMPANY

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(51) Int. Cl.
G01N 33/66 (2006.01)
C12Q 1/00 (2006.01)
G01N 27/327 (2006.01)
G01N 33/68 (2006.01)

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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61K 47/54 (2017.01)
A61P 1/16 (2006.01)

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(54) SPRINKLER FRAME SUPPORT BRIDGE

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A62C 35/68 (2006.01)
A62C 37/11 (2006.01)

B05B 3/02 (2006.01)

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(51) Int. Cl.

C08J 11/04 (2006.01)

(87) WO2023/031911

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(51) Int. Cl.

B09B 3/00 (2022.01)

(87) WO2023/031912

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(71) UKKO INC.

(11) AU-A-2022323847

(21) 2022323847 (22) 02.08.2022

(54) HYPOALLERGENIC PEANUT ALLERGENS, PRODUCTION AND USE THEREOF

(51) Int. Cl.

C07K 14/415 (2006.01)

A61K 39/35 (2006.01)

A61P 37/08 (2006.01)

(87) WO2023/012652

(31) 63/228,604 (32) 03.08.21 (33) US

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(74) Griffith Hack

(71) UNICHARM CORPORATION; SDP GLOBAL CO., LTD.

(11) AU-A-2022320167

(21) 2022320167 (22) 31.03.2022

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(51) Int. Cl.

B29B 17/00 (2006.01)

B01J 20/26 (2006.01)

B01J 20/34 (2006.01)

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 (74) Allens Patent & Trade Mark Attorneys

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 (54) PROTEIN COMPOSITIONS FOR THE TREATMENT OF INFLAMMATORY DISEASES
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A61K 38/16 (2006.01)
A61P 1/02 (2006.01)
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 (72) SATHE, Dhananjay; MISHRA, Vivek; JOG, Sunil; BAKSHI, Gautam
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 (51) Int. Cl.
C11D 3/22 (2006.01)
C11D 17/04 (2006.01)
 (87) WO2023/025769
 (31) 21193542.4 (32) 27.08.21 (33) EP
 (43) 02.03.2023
 (72) JIMENEZ SOLOMON, Maria, Fernanda; PARKER, Andrew, Philip
 (74) Davies Collison Cave Pty Ltd

(71) UNITEC S.P.A.
 (11) AU-A-2022309938
 (21) 2022309938 (22) 09.06.2022
 (54) APPARATUS FOR CONVEYING HORTICULTURAL PRODUCTS
 (51) Int. Cl.
B65G 17/24 (2006.01)
B07C 5/02 (2006.01)
B65G 47/24 (2006.01)
B65G 47/96 (2006.01)
 (87) WO2023/285042
 (31) 10202100018389 (32) 13.07.21 (33) IT
 (43) 19.01.2023
 (72) BENEDETTI, Luca
 (74) Spruson & Ferguson

(71) UNIVERSAL QUANTUM LTD; UNIVERSITY OF SUSSEX
 (11) AU-A-2022303449
 (21) 2022303449 (22) 30.06.2022
 (54) IMPROVEMENTS IN OR RELATING TO QUANTUM COMPUTING
 (51) Int. Cl.
H03M 1/66 (2006.01)
G06N 10/00 (2022.01)
G21K 1/00 (2006.01)
H03M 1/00 (2006.01)
 (87) WO2023/275556
 (31) 2109471.9 (32) 30.06.21 (33) GB

(43) 05.01.2023
 (72) ROMASZKO, Zak David; HUNTER, Iain McIntosh; GODWIN, Harold
 (74) FB Rice Pty Ltd

(71) UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE
 (11) AU-A-2021459598
 (21) 2021459598 (22) 04.08.2021
 (54) METHODS FOR SELECTING AN INTRACRANIAL ATHEROSCLEROTIC DISEASE PATIENT FOR TREATMENT
 (51) Int. Cl.
A61K 45/06 (2006.01)
A61K 39/395 (2006.01)
A61P 7/04 (2006.01)
A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2023/014354
 (43) 09.02.2023
 (72) SCHNEIDER, David J.
 (74) Southern Cross Intellectual Property

(71) UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE
 (11) AU-A-2022323178
 (21) 2022323178 (22) 04.08.2022
 (54) METHODS FOR SELECTING A CANCER PATIENT FOR TREATMENT
 (51) Int. Cl.
A61P 7/02 (2006.01)
A61K 31/4192 (2006.01)
A61K 31/519 (2006.01)
G01N 33/68 (2006.01)
G01N 33/86 (2006.01)
A61P 9/00 (2006.01)
 (87) WO2023/015230
 (31) 63/229,108 (32) 04.08.21 (33) US
 (43) 09.02.2023
 (72) SCHNEIDER, David; HOLMES, Chris
 (74) Southern Cross Intellectual Property

(71) UPL LIMITED
 (11) AU-A-2022321020
 (21) 2022321020 (22) 29.07.2022
 (54) A COMPOSITE SYSTEM FOR AGRICULTURE
 (51) Int. Cl.
C09K 17/22 (2006.01)
A01N 25/04 (2006.01)
C08J 3/09 (2006.01)
C08K 5/00 (2006.01)
C08L 33/02 (2006.01)
C08L 33/26 (2006.01)
C08L 51/00 (2006.01)
C08L 51/02 (2006.01)
C08L 71/02 (2006.01)
C09K 17/32 (2006.01)
 (87) WO2023/007449
 (31) 202121034512 (32) 30.07.21 (33) IN
 (43) 02.02.2023
 (72) SHIRSAT, Rajan Ramakant; SHARMA, Shiv Kumar; WAGH, Pradip Dattatray
 (74) Churchill Attorneys

(71) US NANO FOOD & DRUG INC
 (11) AU-A-2022305851
 (21) 2022305851 (22) 08.07.2022
 (54) METHOD OF PRODUCTION OF THE COMPOSITION OF CYCLOOXYGENASE-2 (COX-2) INHIBITORS
 (51) Int. Cl.
A61K 31/415 (2006.01)
A61K 9/00 (2006.01)
A61K 9/46 (2006.01)
A61K 9/48 (2006.01)
A61K 31/4015 (2006.01)
A61K 31/41 (2006.01)
A61K 31/4422 (2006.01)
A61K 47/02 (2006.01)
A61K 47/12 (2006.01)
A61K 47/22 (2006.01)
 (87) WO2023/281449
 (31) 2021902100 (32) 09.07.21 (33) AU
 (43) 12.01.2023
 (72) PUI, Hing Sang; PUI, Yip Ching; PUI, Yip Shu
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) VERTEX PHARMACEUTICALS INCORPORATED
 (11) AU-A-2022328757
 (21) 2022328757 (22) 16.08.2022
 (54) MACROENCAPSULATION DEVICES
 (51) Int. Cl.
C12N 5/00 (2006.01)
A61K 9/00 (2006.01)
A61L 15/00 (2006.01)
 (87) WO2023/023006
 (31) 63/233,667 (32) 16.08.21 (33) US
 (43) 23.02.2023
 (72) THANOS, Christopher; MILLS, John; WATSON, Matthew; RAJENDRAN, Rahul, R.; NGUYEN, Noah
 (74) Davies Collison Cave Pty Ltd

(71) VISCOFAN, S.A.
 (11) AU-A-2022320952
 (21) 2022320952 (22) 22.07.2022
 (54) REVERSIBLE EDIBLE FILM, USES AND METHOD OF PRODUCTION
 (51) Int. Cl.
A23L 27/14 (2016.01)
A22C 13/00 (2006.01)
A23L 27/60 (2016.01)
A23P 20/10 (2016.01)
B65D 65/46 (2006.01)
 (87) WO2023/007048
 (31) P202130733 (32) 28.07.21 (33) ES
 (43) 02.02.2023
 (72) ROJAS GRAU, Maria Alejandra; FERON, Bernhard; ARRARAS ILUNDAIN, Jose Angel
 (74) DAVIS IP PTY LTD

(71) VISHAY ADVANCED TECHNOLOGIES LTD.
 (11) AU-A-2022324793
 (21) 2022324793 (22) 28.07.2022
 (54) ELONGATE FORCE SENSOR ASSEMBLY WITH THROUGHGOING BORE
 (51) Int. Cl.

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

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A61K 39/00 (2006.01)
- (87) WO2023/012783
(31) 17/393,801 (32) 04.08.21 (33) US
(43) 09.02.2023
(72) RAHAV, Tal; OUZAN, Rafi
(74) James & Wells Intellectual Property
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- (71) VIZIO, INC.**
(11) AU-A-2022331240
(21) 2022331240 (22) 15.08.2022
(54) SYSTEMS AND METHODS FOR MONITORING THE DISPLAY OF CONTENT USING EMBEDDED WATERMARKS
- (51) Int. Cl.
H04N 21/431 (2011.01)
H04N 21/433 (2011.01)
H04N 21/44 (2011.01)
- (87) WO2023/022960
(31) 63/234,170 (32) 17.08.21 (33) US
(43) 23.02.2023
(72) REED, Brian; MOON, Kyoungsoo; HOARTY, W. Leo
(74) Davies Collison Cave Pty Ltd
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- (71) VST LLC dba MEDGENE LABS**
(11) AU-A-2022324480
(21) 2022324480 (22) 05.08.2022
(54) RABBIT HAEMORRHAGIC DISEASE VIRUS (RHDV) VACCINES
- (51) Int. Cl.
C07K 14/085 (2006.01)
A61K 39/125 (2006.01)
C12N 7/00 (2006.01)
- (87) WO2023/014983
(31) 63/229,853 (32) 05.08.21 (33) US
(43) 09.02.2023
(72) YOUNG, Alan, John
(74) Griffith Hack
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- (71) WANG, S.**
(11) AU-A-2022357956
(21) 2022357956 (22) 26.08.2022
(54) COSMETIC TOOL
- (51) Int. Cl.
A45D 33/34 (2006.01)
A45D 40/00 (2006.01)
A46B 15/00 (2006.01)
B65D 51/32 (2006.01)
- (87) WO2023/051122
(31) 202111141297.X (32) 28.09.21 (33) CN
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- (43) 06.04.2023
(72) WANG, Shigang
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71) XWPHARMA LTD.**
(11) AU-A-2022326513
(21) 2022326513 (22) 12.08.2022
- (54) PHARMACEUTICAL COMPOSITIONS AND ORAL DOSAGE FORMS OF KETAMINE DERIVATIVES**
- (51) Int. Cl.
A61K 9/20 (2006.01)
A61K 31/135 (2006.01)
A61P 25/24 (2006.01)
- (87) WO2023/018966
(31) 63/232,717 (32) 13.08.21 (33) US
(43) 16.02.2023
(72) KARABORNI, Sami; CANAFAX, Daniel M.; XIANG, William, W.; XIANG, Jia-ning
(74) Minter Ellison
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- (71) Y-PRIME, LLC**
(11) AU-A-2022328131
(21) 2022328131 (22) 05.08.2022
(54) RISK ASSESSMENT AND INTERVENTION PLATFORM ARCHITECTURE FOR PREDICTING AND REDUCING NEGATIVE OUTCOMES IN CLINICAL TRIALS
- (51) Int. Cl.
G16H 50/50 (2018.01)
A61B 5/021 (2006.01)
A61B 5/024 (2006.01)
A61B 5/145 (2006.01)
G16H 10/60 (2018.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
G16H 50/70 (2018.01)
- (87) WO2023/018618
(31) 63/231,217 (32) 09.08.21 (33) US
(43) 16.02.2023
(72) SJÖLIN, David, James; GREENFIELD, Ian, Michael
(74) Davies Collison Cave Pty Ltd
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- (71) ZEBRA TECHNOLOGIES CORPORATION**
(11) AU-A-2022344937
(21) 2022344937 (22) 25.07.2022
(54) MOBILE DEVICE HOUSING WITH INTEGRATED ANTENNA CARRIER
- (51) Int. Cl.
H04B 1/03 (2006.01)
B29C 43/02 (2006.01)
H01Q 1/12 (2006.01)
H01Q 1/24 (2006.01)
H01Q 1/42 (2006.01)
- (87) WO2023/043537
(31) 17/478,617 (32) 17.09.21 (33) US
(43) 23.03.2023
(72) THELEMANN, Carl A.
(74) Spruson & Ferguson
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- (71) ZEG POWER AS**
(11) AU-A-2022326773
(21) 2022326773 (22) 02.08.2022
(54) HYDROGEN PRODUCTION SYSTEM
- (51) Int. Cl.
C01B 3/44 (2006.01)
- (87) WO2023/016862
(31) 21190415.6 (32) 09.08.21 (33) EP
(43) 16.02.2023
(72) NORHEIM, Arnstein; STENRØD WEST, Margrethe; GRAFF, Vidar
(74) Griffith Hack
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- (71) ZHEJIANG HUAHAI PHARMACEUTICAL CO., LTD.**
(11) AU-A-2021459163
(21) 2021459163 (22) 05.08.2021
(54) LYOPHILIZED VORTIOXETINE PAMOATE POWDER FOR INJECTION AND PREPARATION METHOD THEREFOR
- (51) Int. Cl.
A61K 9/19 (2006.01)
A61K 31/495 (2006.01)
A61P 25/24 (2006.01)
- (87) WO2023/010410
(43) 09.02.2023
(72) LIU, Tengfei; FANG, Jialei; WANG, Yanan; NI, Laiyi
(74) Davies Collison Cave Pty Ltd
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- (71) ZOETIS SERVICES LLC**
(11) AU-A-2022324112
(21) 2022324112 (22) 05.08.2022
(54) CLOSTRIDIUM CHAUVOEI VACCINE AND METHOD OF MAKING
- (51) Int. Cl.
A61K 39/08 (2006.01)
A61K 39/02 (2006.01)
- (87) WO2023/015277
(31) 63/230,176 (32) 06.08.21 (33) US
(43) 09.02.2023
(72) CAMERON, Anthony James
(74) AJ PARK
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- (71) ZURU (SINGAPORE) PTE. LTD.**
(11) AU-A-2021461305
(21) 2021461305 (22) 25.08.2021
(54) DECAL-COATED PROJECTILE LAUNCHER
- (51) Int. Cl.
B41J 3/407 (2006.01)
B41M 5/00 (2006.01)
F41B 11/00 (2013.01)
- (87) WO2023/027625
(43) 02.03.2023
(72) MOWBRAY, Mathew Peter
(74) AJ PARK

Numerical Index

2021327599	ABL BIO, INC.	2022305411	PANTHER PE TOOLS PTY LTD
2021414225	PROPSEE LLC	2022305851	US NANO FOOD & DRUG INC
2021453060	INGALFARMA SPA	2022305937	NATURALSHRIMP, INC.
2021453295	HANN-OCEAN ENERGY TECHNOLOGY AND EQUIPMENT (NANTONG) CO., LTD	2022305960	ARCADIA MEDICINE, INC.
2021454106	PERSSON INNOVATION AB	2022306199	SUN HOPE CO., LTD.
2021454778	NEW MILLENNIUM TECHNOLOGIES LLC	2022306466	CHIESI FARMACEUTICI S.P.A.
2021455180	AKINBI, A.	2022306504	AGREMATCH LTD.
2021456003	DBV TECHNOLOGIES	2022306579	HAGEN, T.L.
2021456183	PUMA SOCIAL LIMITED	2022306815	MICROWAVE CHEMICAL CO., LTD.
2021457422	NANJING NUTRABUILDING BIO-TECH CO., LTD.	2022307018	GENKORE INC.
2021457811	DV TECHNOLOGY SPA	2022307056	PIVOTAL COMMWARE, INC.
2021457908	SETOLAS HOLDINGS, INC.	2022307207	JIANGSU HENGRIU PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRIU PHARMACEUTICAL CO., LTD.
2021458504	NABRAWIND TECHNOLOGIES, SL	2022307247	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS (CSIC)
2021459163	ZHEJIANG HUAHAI PHARMACEUTICAL CO., LTD.	2022307959	LIGHTCAST DISCOVERY LTD
2021459598	UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE	2022308057	GRAINCORP LIMITED
2021460074	BONEBRIDGE AG	2022308420	LIGHTCAST DISCOVERY LTD
2021460288	SHINE TECHNOLOGIES, LLC	2022308683	KATHOLIEKE UNIVERSITEIT LEUVEN; KLabin S.A.
2021460983	JIANGSU GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	2022308716	RENEW HEALTH LIMITED
2021461305	ZURU (SINGAPORE) PTE. LTD.	2022308891	BAUMGARTNER & LAMPERSTORFER INSTRUMENTS GMBH
2021464174	HERNÁNDEZ ABARCA, C.A.	2022309543	NEUBORON THERAPY SYSTEM LTD.
2021467499	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2022309740	ACADIA PHARMACEUTICALS INC.
2021467773	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2022309938	UNITEC S.P.A.
2021467778	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2022309958	NYXOAH SA
2021471757	TYCO FIRE PRODUCTS LP	2022310142	BAE SYSTEMS PLC
2021472506	HALLIBURTON ENERGY SERVICES, INC.	2022310301	3D BIO-TISSUES LIMITED
2022298761	HANGZHOU INNOGATE PHARMA CO., LTD.	2022310480	ASAHI GROUP HOLDINGS, LTD.
2022300433	H2I GREENHYDROGEN GMBH	2022310496	CELATOR PHARMACEUTICALS, INC.
2022300436	BREVILLE PTY LIMITED	2022311717	BIORGANICS UFT B.V.
2022301099	NINGBO T-MAXIMUM BIOPHARMACEUTICALS CO., LTD.	2022311823	TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED
2022301193	PEOPLE CENTER, INC.	2022312403	ROBOBURGER ENTERPRISES
2022301461	JANSSEN PHARMACEUTICA NV	2022312484	CELATOR PHARMACEUTICALS, INC.
2022301548	MIXERGY LIMITED	2022312769	CUROTHERM TECHNO SOLUTIONS LLP
2022301555	GEOMAX PROJECT KFT.	2022313101	NAVIER MEDICAL LTD
2022301625	CREGANNA UNLIMITED COMPANY	2022313102	"ENDUROSAT" JOINT STOCK COMPANY
2022301707	SCHIERBECKER HANDELS GMBH & CO. KG	2022313196	CASSAVA SCIENCES, INC.
2022301719	QUANTOOM BIOSCIENCES S.A.	2022313231	NATURAL FIBER WELDING, INC.
2022301888	H2I GREENHYDROGEN GMBH	2022313268	EVOLVE LUBRICANTS, INC.
2022302430	KAZUAR ADVANCED TECHNOLOGIES LTD.	2022313524	HELMOLTZ ZENTRUM MUENCHEN - DEUTSCHES FORSCHUNGZENTRUM FUER GESUNDHEIT UND UMWELT (GMBH)
2022302611	KYOWA KIRIN CO., LTD.; NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM	2022313784	CAPITAL ONE SERVICES, LLC
2022302763	ASSA ABLOY LIMITED	2022313787	FLOWSERVE PTE. LTD.
2022302764	ASSA ABLOY LIMITED	2022314096	SHANGHAI ZHIMENG BIOPHARMA, INC.
2022302945	SOLARCLEANO S.À R.L.	2022315042	MAIGUARD AI DETECTION SYSTEMS LTD
2022302975	HUMAN HYDROLOGY DEVICES	2022315246	HYPERICIP SUBCO, LLC
2022303437	NANOMAB TECHNOLOGY LIMITED	2022315418	SHANGHAI ZHIMENG BIOPHARMA, INC.
2022303449	UNIVERSAL QUANTUM LTD; UNIVERSITY OF SUSSEX	2022315419	SHANGHAI SYNVIDA BIOTECHNOLOGY CO. LTD.
2022303895	D3 BIO (WUXI) CO., LTD.	2022315559	FUNDACIÓ HOSPITAL UNIVERSITARI VALL D'HEBRON - INSTITUT DE RECERCA; LUXEMBOURG INSTITUTE OF HEALTH (LIH)
2022303965	D3 BIO (WUXI) CO., LTD.	2022316426	SHANGHAI SYNVIDA BIOTECHNOLOGY CO. LTD.
2022303977	SUZHOU TRANSCENTA THERAPEUTICS CO., LTD.	2022316596	PRESCIENT THERAPEUTICS LTD
2022304020	MOON CREATIVE LAB INC.	2022316602	2533702 ALBERTA INC.
2022304189	JANSSEN PHARMACEUTICALS, INC.	2022316664	SUMITOMO HEAVY INDUSTRIES, LTD.
2022304258	MERCK PATENT GMBH	2022316717	LG ELECTRONICS INC.
2022304946	TUOJIE BIOTECH (SHANGHAI) CO., LTD.	2022317054	NEXTRACKER LLC
2022304960	G S A (ENVIRONMENTAL) LIMITED	2022317068	SCHLUMBERGER TECHNOLOGY B.V.
2022304977	ASSA ABLOY LIMITED	2022317116	PPG INDUSTRIES OHIO, INC.
2022305052	PEOPLE CENTER, INC.	2022317136	SLAB DREAM LAB LLC
2022305095	JANSSEN PHARMACEUTICA NV	2022317142	SONOMA BIOTHERAPEUTICS, INC.; CURARA AB
2022305124	NODA TECHNOLOGIES AB	2022317198	MEGASOL ENERGIE AG
2022305377	THE UNIVERSITY OF TOKYO; NATIONAL UNIVERSITY CORPORATION NARA INSTITUTE OF SCIENCE AND TECHNOLOGY	2022317521	ATOMO DIAGNOSTICS LIMITED
2022305410	PHYSIPAL PTY LTD	2022317540	IMMUNOLUX INTERNATIONAL CORP.; SZALAY, A.A.
		2022317553	TENSAR INTERNATIONAL CORPORATION

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

2022317788	SVENSKA VACCINFABRIKEN PRODUKTION AB	2022323074	NATIONAL HEALTH RESEARCH INSTITUTES; NATIONAL CHENG KUNG UNIVERSITY
2022317947	EPIROC (NANJING) CONSTRUCTION & MINING EQUIPMENT LTD.	2022323178	UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE
2022318131	CAMBRIDGE ENTERPRISE LIMITED	2022323246	ABPRO CORPORATION
2022318146	KINGSPAN HOLDINGS (IRL) LIMITED	2022323260	FLARE THERAPEUTICS INC.
2022318273	NEURINNOV; INRIA - INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE; UNIVERSITÉ DE MONTPELLIER	2022323273	CORN PRODUCTS DEVELOPMENT, INC.; PURE-CIRCLE SDN BHD
2022318349	CONFO THERAPEUTICS N.V.	2022323447	BIOADHESIVE OPHTHALMICS; UNIVERSITÉ DE LORRAINE
2022318487	APOS MEDICAL ASSETS LTD.	2022323540	IMMUNOS THERAPEUTICS AG
2022318546	ALCON INC.	2022323562	BAE SYSTEMS PLC
2022318739	DARÉ BIOSCIENCE, INC.	2022323662	CARTIHEAL (2009) LTD.
2022318982	JAPAN SCIENCE AND TECHNOLOGY AGENCY	2022323668	BASF SE
2022319101	GRAPHIC PACKAGING INTERNATIONAL, LLC	2022323740	AGRI ADVANCED TECHNOLOGIES GMBH
2022319142	TEMPERPACK TECHNOLOGIES INC.	2022323746	NICOVENTURES TRADING LIMITED
2022319144	TEMPUR WORLD, LLC	2022323827	CZAP RESEARCH AND DEVELOPMENT, LLC
2022319170	NIPPON PAINT HOLDINGS CO., LTD.; NIPPON PAINT CO., LTD.	2022323847	UKKO INC.
2022319179	INFRAVISION HOLDINGS PTY LTD	2022323994	ICU MEDICAL, INC.
2022319611	SLEEP NUMBER CORPORATION	2022324015	ABPRO CORPORATION
2022319613	MIVI NEUROSCIENCE, INC.	2022324074	ALTERYX, INC.
2022319630	ALTERYX, INC.	2022324112	ZOETIS SERVICES LLC
2022319702	ARVINAS OPERATIONS, INC.	2022324285	EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY; NATIONAL UNIVERSITY OF SINGAPORE CATERPILLAR INC.
2022319782	R.P. SCHERER TECHNOLOGIES, LLC	2022324351	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2022319811	EPINOVATECH AB	2022324400	GO THERAPEUTICS, INC.
2022319881	SLEEP SOLUTIONS OF TEXAS, LLC	2022324456	SANEGENE BIO USA INC.
2022319965	FERTIBERIA, S.A.	2022324471	4E THERAPEUTICS, INC.; BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2022320127	TECHNOLOGICAL RESOURCES PTY. LIMITED	2022324472	VST LLC dba MEDGENE LABS
2022320129	INFRAVISION HOLDINGS PTY LTD	2022324572	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2022320167	UNICHARM CORPORATION; SDP GLOBAL CO., LTD.	2022324615	DEMEETRA AGBIO, INC.
2022320317	OSAKA UNIVERSITY	2022324619	FROSTDEFENSE ENVIROTECH, INC.
2022320438	TOOLGEN INCORPORATED	2022324708	KWS VEGETABLES B.V.
2022320525	EPYGENIX THERAPEUTICS, INC.	2022324741	AVANT MEATS COMPANY LIMITED
2022320541	ABCCELLERA BIOLOGICS INC.	2022324793	VISHAY ADVANCED TECHNOLOGIES LTD.
2022320632	6K INC.	2022324804	OSPEDALE PEDIATRICO BAMBINO GESU'
2022320680	CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA	2022324844	THE UNIVERSITY OF TOKYO
2022320684	BLUTSPENDEDIENST DER LANDESVERBÄNDE DES DEUTSCHEN ROTEN KREUZES NIEDERSACHSEN, SACHSEN-ANHALT, THÜRINGEN, OLDENBURG UND BREMEN G.G.M.B.H.; BLUTSPENDEDIENST DES BAYERISCHEN ROTEN KREUZES, GEMEINNTÜZIGE GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG	2022324943	SILICON QUANTUM COMPUTING PTY LIMITED
2022320691	CIRCUMFIX SOLUTIONS, INC.	2022324992	BARBEITO, A.M.
2022320779	PAIGE.AI, INC.	2022325153	GRAIL, LLC
2022320933	GA HEALTH MEDICAL DEVICES LIMITED	2022325230	BIOMETIS TECHNOLOGY, INC.
2022320949	ESSILOR INTERNATIONAL	2022325383	SHANGHAI JMT-BIO TECHNOLOGY CO., LTD.
2022320952	VISCOFAN, S.A.	2022325543	CURADEV PHARMA PVT. LTD.
2022321007	MARS 8 AND CO, LONDON, LTD; MARS 8 AND CO, LONDON, LTD	2022325553	1E THERAPEUTICS LTD.
2022321020	UPL LIMITED	2022325771	AMGEN INC.
2022321528	HUAWEI TECHNOLOGIES CO., LTD.	2022325858	AMGEN INC.
2022321666	TRIVIUMVET DESIGNATED ACTIVITY COMPANY	2022326184	TIZIANA LIFE SCIENCES PLC
2022321703	BEIGENE, LTD.; BEIGENE SWITZERLAND GMBH	2022326207	BAYER AKTIENGESELLSCHAFT
2022321847	CERES INTELLECTUAL PROPERTY COMPANY LIMITED	2022326246	SNF GROUP
2022321882	BASF SE	2022326436	RTG SCIENTIFIC, LLC
2022321906	Q (CUE) LTD.	2022326513	XWPHARMA LTD.
2022321972	GURIT (UK) LTD	2022326546	ICOSAVAX, INC.
2022322003	1E THERAPEUTICS, LTD.	2022326573	DECIPHERA PHARMACEUTICALS, LLC
2022322029	IMMUNOS THERAPEUTICS AG	2022326574	DERMIRA, INC.
2022322168	PIETRO FIORENTINI S.P.A.	2022326664	HUAWEI TECHNOLOGIES CO., LTD.
2022322214	TOKO YAKUHIN KOGYO CO., LTD.	2022326773	ZEG POWER AS
2022322227	KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION; SUMITOMO METAL MINING CO., LTD.	2022326825	NUCLEAR RESEARCH AND CONSULTANCY GROUP
2022322635	RUMIN8 PTY LTD	2022326885	CURADEV PHARMA PVT. LTD.
2022322838	SHUJING BIOPHARMA CO., LTD; JIANGSU NHWA PHARMACEUTICAL CO., LTD	2022327141	CARDEN, B.
2022323059	CATERPILLAR INC.	2022327153	PULSE BIOSCIENCES, INC.
2022323062	EDWARDS LIFESCIENCES CORPORATION	2022327169	CODEXIS, INC.
		2022327173	SYNLOGIC OPERATING COMPANY, INC.; GINKGO BIOWORKS, INC.
		2022327174	SANA BIOTECHNOLOGY, INC.
		2022327200	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
		2022327748	NEUROQUEST LTD.; THE FLOREY INSTITUTE OF NEUROSCIENCES AND MENTAL HEALTH; COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

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

2022327785	NICOVENTURES TRADING LIMITED	2022340544	ALLOSOURCE
2022328131	Y-PRIME, LLC	2022340640	ELECTROLUX HOME PRODUCTS, INC.
2022328283	ROC OPCO LLC	2022340814	SYNLOGIC OPERATING COMPANY, INC.; GINKGO BIOWORKS, INC.
2022328361	BECTON, DICKINSON AND COMPANY	2022340841	SYNGENTA CROP PROTECTION AG
2022328388	ABIOMED, INC.	2022341820	QATAR FOUNDATION FOR EDUCATION, SCIENCE AND COMMUNITY DEVELOPMENT; QATAR UNIVERSITY
2022328663	TIBA BIOTECH LLC	2022342262	HEXION INC.
2022328757	VERTEX PHARMACEUTICALS INCORPORATED	2022342531	KOMATSU LTD.
2022328794	NEW CULTURE INC.	2022342537	EISAI R&D MANAGEMENT CO., LTD.
2022329914	BNSF RAILWAY COMPANY	2022342770	DE LA RUE INTERNATIONAL LIMITED
2022329967	MIND MEDICINE, INC.	2022342781	FIBERLEAN TECHNOLOGIES LIMITED
2022329980	OSSIANIX, INC.	2022343842	BAYER AKTIENGESELLSCHAFT
2022330007	MERCK SHARP & DOHME LLC	2022344483	BLUE SOLUTIONS
2022330111	MONSANTO TECHNOLOGY LLC	2022344937	ZEBRA TECHNOLOGIES CORPORATION
2022330242	HUNILIFE BIOTECHNOLOGY, INC.	2022345292	THE PROCTER & GAMBLE COMPANY
2022330328	TOPAS THERAPEUTICS GMBH	2022345438	FRIESLANDCAMPINA NEDERLAND B.V.
2022330603	GRIPPLE LIMITED	2022345524	PROFESSIONAL DERMA SA
2022330732	KANAPH THERAPEUTICS INC.; CYRUS THERAPEUTICS INC.	2022346043	THE PROCTER & GAMBLE COMPANY
2022330847	AMGEN INC.	2022346238	CSCON S.R.L.
2022331121	GA HEALTH MEDICAL DEVICES LIMITED	2022347188	THE PROCTER & GAMBLE COMPANY
2022331122	INTERVET INTERNATIONAL B.V.	2022347311	QUALCOMM INCORPORATED
2022331240	VIZIO, INC.	2022348590	THE PROCTER & GAMBLE COMPANY
2022331247	AMOGY INC.	2022348726	PROFESSIONAL DERMA SA
2022331279	MERCK SHARP & DOHME LLC	2022349023	HELEN OF TROY LIMITED
2022331570	CLEERLY, INC.	2022349576	SHANGHAI ARGO BIOPHARMACEUTICAL CO., LTD.
2022331582	CEDARS-SINAI MEDICAL CENTER	2022350309	SAMSUNG ELECTRONICS CO., LTD.
2022331632	TRIPLES DATA PTY LTD	2022351051	HEIDELBERG MATERIALS AG
2022331637	DEAKIN UNIVERSITY	2022351080	F. HOFFMANN-LA ROCHE AG
2022331822	K-SPINE GMBH; SMITH, J.; IGNITE-CONCEPTS GMBH	2022352593	NAUTILUS SUBSIDIARY, INC.
2022332110	GENTEX CORPORATION	2022354094	TOPADUR PHARMA AG
2022332274	GENENTECH, INC.	2022354880	SIMPSON STRONG-TIE COMPANY INC.
2022332285	IMMUNITAS THERAPEUTICS, INC.	2022355694	KOMATSU LTD.
2022332510	JIANGSU HENGRI PHARMACEUTICALS CO., LTD.; SHANGHAI SHENGDI PHARMACEUTICAL CO., LTD	2022355923	SAMSUNG ELECTRONICS CO., LTD.
2022332557	MONDI AG	2022356319	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.; CORNELL UNIVERSITY
2022332610	JULIUS-MAXIMILIANS-UNIVERSITÄT WÜRZBURG	2022357356	HILTI AKTIENGESELLSCHAFT
2022332638	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2022357956	WANG, S.
2022332719	ENTROPY INC.	2022358444	LOCKHEED MARTIN ENERGY, LLC
2022332905	BOAR'S HEAD PROVISIONS CO., INC.	2022358531	PETRA PHARMA CORPORATION
2022332966	CHR. HANSEN A/S	2022361064	AMES TOOLS CORPORATION
2022333979	HENDRICKSON USA, L.L.C.	2022361596	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2022334269	HENDRICKSON USA, L.L.C.	2022365862	DELAVAL HOLDING AB
2022334408	IMPACT THERAPEUTICS (SHANGHAI), INC.	2022367534	CDTI ADVANCED MATERIALS INC.
2022334647	SHANGHAI HANSOH BIOMEDICAL CO., LTD.; JI-ANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.	2022368367	JIANGSU HENGXIN TECHNOLOGY CO., LTD
2022334694	UNILEVER GLOBAL IP LIMITED	2022375661	CONMED CORPORATION
2022334800	OSIVAX; OSIVAX	2022382141	GLOBERIDE, INC.
2022334814	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2022390067	LEWIS, J.
2022334831	INVIBIO KNEES LIMITED	2022394058	GLOBERIDE, INC.
2022335232	QUANTUM ENERGY RESEARCH CENTRE (Q-CENTRE)	2022401750	ABBISO THERAPEUTICS CO., LTD.
2022335517	GSI ENVIRONMENTAL INC.; GSI ENVIRONMENTAL INC.	2022408196	CJ CHEILJEDANG CORPORATION
2022335617	OCADO INNOVATION LIMITED	2022411531	ABBISO THERAPEUTICS CO., LTD.
2022335664	GRZ TECHNOLOGIES SA	2022419516	EHJ IP LIMITED
2022335931	GLOBAL MET TECH PTY LTD	2022423922	CJ CHEILJEDANG CORPORATION
2022336409	UNICHEM LABORATORIES LIMITED	2022425741	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2022336635	U.B.Q MATERIALS LTD.	2022427660	HALLIBURTON ENERGY SERVICES, INC.
2022337025	ASSA ABLOY ENTRANCE SYSTEMS AB	2022440629	GOOGLE LLC
2022337090	GLAXOSMITHKLINE BIOLOGICALS SA	2022449868	RAYZEBIO, INC.
2022338063	BAYER CROPSCIENCE LP	2022458328	ALLGENESIS BIOTHERAPEUTICS INC.
2022338082	BAYER AKTIENGESELLSCHAFT	2022461637	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2022338298	PRECISION PLANTING LLC	2023214242	BGRIMM MTC TECHNOLOGY CO., LTD.
2022339007	CERAMTEC GMBH	2023251329	NGK INSULATORS, LTD.
2022339142	U.B.Q MATERIALS LTD.	2023255146	ARCUSIN S.A.
2022339568	ABIOMED, INC.		
2022339914	CHEP TECHNOLOGY PTY LIMITED		
2022339931	POARCH BAND OF CREEK INDIANS, D/B/A PCI GAMING AUTHORITY		
2022339971	BECTON, DICKINSON AND COMPANY		

IPC Index

	<u>A01N 35 /-</u>	<u>A23K 50 /-</u>	<u>A43B 7 /-</u>	2022328131	2022307207
<u>A01B 15 /-</u>	2022306504	2022308057	2022318487	<u>A61B 6 /-</u>	2022307247
2022338298	2022338063	2022322635	<u>A45D 33 /-</u>	2022313101	2022309740
<u>A01B 49 /-</u>	<u>A01N 37 /-</u>	<u>A23L 13 /-</u>	2022357956	2022331570	2022310496
2022338298	2022338063	2022324741	<u>A45D 40 /-</u>	<u>A61B 8 /-</u>	2022312484
<u>A01B 79 /-</u>	<u>A01N 43 /-</u>	<u>A23L 19 /-</u>	2022357956	2022313101	2022315418
2022338298	2022309740	2022408196	<u>A46B 15 /-</u>	2022331570	2022318349
<u>A01C 1 /-</u>	2022321882	2022423922	<u>A47C 21 /-</u>	<u>A61C 8 /-</u>	2022318739
2022301707	2022323668	<u>A23L 2 /-</u>	2022357956	2022339007	2022322603
2022338298	2022326207	2022323273	<u>A47C 21 /-</u>	<u>A61C 8 /-</u>	2022322838
<u>A01C 5 /-</u>	<u>A01N 59 /-</u>	2022345438	2022319144	2022323447	2022323447
2022338298	2022356319	2022356319	<u>A47C 31 /-</u>	2022323740	2022323827
<u>A01D 85 /-</u>	<u>A01P 1 /-</u>	<u>A23L 23 /-</u>	<u>A47C 31 /-</u>	<u>A61F 13 /-</u>	2022324472
2023255146	2022306199	2022345438	2022319144	2021467499	2022324615
<u>A01D 90 /-</u>	<u>A01P 13 /-</u>	<u>A23L 27 /-</u>	<u>A47J 27 /-</u>	2021467773	2022324844
2023255146	2022306504	2022320952	2022300436	2021467778	2022325543
<u>A01H 5 /-</u>	<u>A01P 3 /-</u>	<u>A23L 3 /-</u>	<u>A47L 11 /-</u>	2022361596	2022325553
2022324708	2022326207	2022333266	2022316717	202235771	2022325858
<u>A01H 6 /-</u>	<u>A22C 13 /-</u>	<u>A23L 33 /-</u>	<u>A47L 5 /-</u>	<u>A61F 2 /-</u>	2022326184
2022324708	2022320952	2022328794	2022316717	2022334831	2022334408
<u>A01K 1 /-</u>	<u>A23C 20 /-</u>	2022356319	<u>A61B 1 /-</u>	2022340544	2022334647
2022365862	2022328794	<u>A23L 5 /-</u>	2022311823	2022337090	2022337090
<u>A01K 11 /-</u>	<u>A23C 9 /-</u>	2022408196	2022316717	2022340544	2022342537
2022331632	2022345438	2022423922	<u>A61B 10 /-</u>	2022305410	2022345524
<u>A01K 29 /-</u>	2022322635	<u>A23P 20 /-</u>	2022317521	2022390067	2022354094
2022331632	2022345438	2022320952	2022339971	<u>A61F 5 /-</u>	2022356319
<u>A01K 45 /-</u>	<u>A23F 5 /-</u>	<u>A23P 30 /-</u>	<u>A61B 11 /-</u>	2022340544	2022358531
2022323740	2022345438	2022345438	2022320933	2022315246	2022401750
<u>A01K 63 /-</u>	2022332638	<u>A23G 3 /-</u>	202231121	2022327141	2022411531
2022331632	2022334814	<u>A24C 5 /-</u>	<u>A61B 10 /-</u>	<u>A61H 1 /-</u>	<u>A61K 33 /-</u>
2022305937	<u>A23J 1 /-</u>	2022323746	<u>A61B 17 /-</u>	2022305410	2021453060
<u>A01K 87 /-</u>	2022328794	<u>A24D 1 /-</u>	2022317521	<u>A61H 23 /-</u>	2021457908
2022382141	<u>A23J 3 /-</u>	<u>A24F 40 /-</u>	2022319881	2022326184	2022327173
2022394058	2022328794	2022327153	2022319881	<u>A61H 33 /-</u>	2022327174
<u>A01N 1 /-</u>	2022328794	<u>A24C 5 /-</u>	2022320691	2022327174	2022327174
2022320684	<u>A23K 10 /-</u>	2022323746	2022326436	<u>A61H 33 /-</u>	2022331582
<u>A01N 25 /-</u>	2022308057	<u>A43B 13 /-</u>	2022318546	2022301461	2022419516
2022306504	<u>A23K 20 /-</u>	2022313231	<u>A61B 5 /-</u>	2022302611	2022303895
2022321020	2022308057	2022318487	<u>A61B 5 /-</u>	2022303965	<u>A61K 36 /-</u>
2022324619	2022322635	<u>A43B 23 /-</u>	2022309958	2022304189	2021456003
2022338063	2022313231	2022313101	2022317521	2022304946	2022308057
		2022319881	2022319611	2022305095	202234615
		2022327785	2022319611	2022305851	2022408196
		2022327785	2022327785	2022305960	2022423922

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

<u>A61K 38 /-</u>	2022332274	<u>A61M 16 /-</u>	<u>A61P 25 /-</u>	2022303895	<u>A61Q 17 /-</u>
	2022349576			2022303965	
2021456003	2022354094	2022349023	2021459163	2022305095	2022408196
2022309740	2022458328		2022301461	2022307207	
2022316426	<u>A61K 48 /-</u>	<u>A61M 25 /-</u>	2022305960	2022316596	<u>A61Q 19 /-</u>
2022317142			2022307207	2022318131	
2022320317	2022302611	2022319613	2022307247	2022318982	2022348726
2022323540	2022305377	2022319881	2022309740	2022320317	2022408196
2022325230	2022320438	2022323062	2022313196	2022321703	
2022325383		<u>A61M 39 /-</u>	2022320525	2022322029	<u>A62C 35 /-</u>
2022330007	<u>A61K 51 /-</u>	2022302975	2022322838	2022323246	2021471757
2022330328		2022319613	2022323074	2022323260	
2022336409	2022320317	2022323994	2022324844	2022323540	<u>A62C 37 /-</u>
2022340814	2022449868		2022326513	2022324456	
2022458328	<u>A61K 8 /-</u>	<u>A61M 60 /-</u>	2022331582	2022324844	2021471757
<u>A61K 39 /-</u>	2021453060	2022328388	2022351080	2022325383	<u>A63B 21 /-</u>
2021327599	2022328283	2022339568	2022356319	2022325858	
2021459598	2022345292	<u>A61N 1 /-</u>	<u>A61P 27 /-</u>	2022326184	
2022301099	2022346043		2022458328	2022326573	2022305410
2022303437	2022347188	2022318273		2022330732	
2022303977	2022348590	2022327153	<u>A61P 29 /-</u>	2022332285	<u>A63B 23 /-</u>
2022304258	2022348726		2021459598	2022334408	
2022305377	2022408196	<u>A61N 5 /-</u>	2022301461	2022334647	2022305410
2022315419			2022305377	2022342537	
2022316426	<u>A61K 9 /-</u>	2022309543	2022305377	2022358531	<u>A63B 26 /-</u>
2022317788	2021457422	2022327141	2022318349	2022401750	
2022320680	2021459163		2022324472	2022411531	2022318487
2022322029	2022305377	<u>A61P 1 /-</u>	2022325543	<u>A61P 37 /-</u>	<u>A63F 13 /-</u>
2022323847	2022305851		2022326885	2022339931	
2022324112	2022306466	2021457908	2022330242		
2022324456	2022308057	2022304946	2022351080	2022303977	<u>A63H 33 /-</u>
2022324480	2022310496	2022305377	2022419516	2022305377	
2022324793	2022312484	2022308057	2022423922	2022307207	2022317136
2022326546	2022318739	2022315418		2022323847	
2022326574	2022320525	2022325543	<u>A61P 3 /-</u>	2022324844	<u>B01D 15 /-</u>
2022329980	2022322635	2022326885	2022327174		
2022330242	2022323447	2022336409	2022334800		2022317068
2022331279	2022326184	2022342537	2022307207		
2022332510	2022326513	2022349576	2022323827	<u>A61P 39 /-</u>	2022324285
2022332610	2022328757		2022325543	2022356319	2022332719
2022334800	2022330007	<u>A61P 11 /-</u>	2022326885		2023251329
<u>A61K 45 /-</u>	2022330328	2022305377	2022330007	<u>A61P 43 /-</u>	<u>B01D 61 /-</u>
	2022345524	2022306466	2022356319		
2021459598	2022354094	2022316426	2022419516	2022302611	2022308716
2022305095	2022356319	2022419516		2022318982	2022341820
2022305960			2021453060	<u>A61P 7 /-</u>	<u>B01D 69 /-</u>
2022309740	<u>A61L 15 /-</u>	<u>A61P 13 /-</u>	2021457422		
2022318982	2022328757	2022320317	2022298761	2021459598	
2022326184			2022304189	2022307207	2022341820
2022326573	<u>A61L 27 /-</u>	<u>A61P 15 /-</u>	2022305377	2022323178	<u>B01F 27 /-</u>
2022330007			2022307207	2022338082	
2022342537	2022310301	2022315418	2022315418	<u>A61P 9 /-</u>	2022342781
<u>A61K 47 /-</u>	2022323662	2022318739	2022317788		<u>B01F 33 /-</u>
	2022340544	2022351080	2022318739		
2022304258	<u>A61L 9 /-</u>	<u>A61P 17 /-</u>	2022320680	2022301461	
2022304946			2022325553	2022307207	
2022305851	2022306199	2022316426	2022326546	2022323178	2022301625
2022306466		2022326574	2022331279	2022330007	
2022312484	<u>A61M 1 /-</u>	2022354094	2022334800	2022419516	<u>B01J 20 /-</u>
2022318131		2022419516	2022419516		2022320167
2022318739	2022312769		<u>A61P 35 /-</u>	<u>A61Q 11 /-</u>	2022324285
2022319782	2022319613	<u>A61P 19 /-</u>	2022307207	2021453060	<u>B01J 31 /-</u>
2022320525			2022317788		
2022323447	<u>A61M 11 /-</u>	2021459598	2022325553	2022345292	
2022323827		2022301461	2022326546	2022346043	2022301555
2022324015	2022322214	2022345524	2022298761	2022347188	<u>B01J 47 /-</u>
2022325383	2022349023	2022419516	2022301099	2022348590	
2022328663			2022301461		2022317068

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

<u>B01J 49 /-</u>	<u>B25B 21 /-</u>	<u>B60H 1 /-</u>	<u>B65D 51 /-</u>	<u>C02F 1 /-</u>	<u>C07C 67 /-</u>
2022317068	2022357356	2021456183	2022357956	2022308716	2022313268
<u>B01L 3 /-</u>	<u>B25B 23 /-</u>	<u>B60L 53 /-</u>	<u>B65D 65 /-</u>	202233517	<u>C07D 201 /-</u>
2022301625	2022357356	2021456183	2022320952	2022341820	2022324471
2022307959	<u>B25F 5 /-</u>	<u>B60P 3 /-</u>	<u>B65D 71 /-</u>	2022335517	<u>C07D 207 /-</u>
2022308420	2022357356	2022355694	2022319101	2022335517	2022319702
2022339971	<u>B29B 17 /-</u>	<u>B60R 1 /-</u>	<u>B65D 81 /-</u>	<u>C02F 103 /-</u>	<u>C07D 209 /-</u>
2022328361	2022320167	2022332110	2022319142	2022326246	2022304189
<u>B02C 17 /-</u>	<u>B29C 43 /-</u>	<u>B60W 40 /-</u>	<u>B65G 1 /-</u>	<u>C02F 9 /-</u>	2022319702
2022335931	2022339914	2022332110	2022335617	2022341820	<u>C07D 211 /-</u>
2022344937				<u>C04B 103 /-</u>	2022319702
<u>B02C 23 /-</u>	<u>B29C 44 /-</u>	<u>B61L 23 /-</u>	<u>B65G 17 /-</u>	2022351051	<u>C07D 221 /-</u>
2022335931	2022318146	2022329914	2022309938	<u>C04B 14 /-</u>	2022298761
<u>B02C 25 /-</u>	<u>B29C 64 /-</u>	<u>B63B 32 /-</u>	<u>B65G 47 /-</u>	2022351051	<u>C07D 237 /-</u>
2022335931	2022304020	2022306579	2022309938	<u>C04B 20 /-</u>	2022330732
<u>B04B 1 /-</u>	<u>B29C 70 /-</u>	<u>B64C 39 /-</u>	<u>B65G 53 /-</u>	2022351051	2022401750
2022311717	2022339914	2022320129	2022335931	<u>C04B 28 /-</u>	<u>C07D 247 /-</u>
<u>B04B 7 /-</u>	<u>B30B 9 /-</u>	<u>B65B 25 /-</u>	<u>B66C 13 /-</u>	2022351051	2022321703
2022311717	2022339914	2022332905	2021460983	<u>C04B 35 /-</u>	<u>C07D 261 /-</u>
<u>B05B 3 /-</u>	<u>B32B 29 /-</u>	<u>B65B 29 /-</u>	<u>B66C 23 /-</u>	2022335232	2022340841
2021471757	2022319142	2022319142	2021460983	<u>C05C 11 /-</u>	<u>C07D 295 /-</u>
<u>B05B 7 /-</u>		2022332905	<u>B66D 1 /-</u>	2022319965	2022319702
2022320632	<u>B33Y 10 /-</u>	<u>B65B 39 /-</u>	2022319179	<u>C05F 11 /-</u>	<u>C07D 307 /-</u>
2022304020	2022332557	<u>B82Y 10 /-</u>	2022319965	2022324471	
<u>B05C 17 /-</u>	<u>B33Y 40 /-</u>	<u>B65B 5 /-</u>	2022324943	<u>C07B 59 /-</u>	<u>C07D 311 /-</u>
2022361064	2022304020	2022332557	<u>B82Y 40 /-</u>	2022320317	2022358531
<u>B07C 5 /-</u>	<u>B33Y 80 /-</u>	<u>B65B 55 /-</u>	2022324943	<u>C07C 235 /-</u>	<u>C07D 401 /-</u>
2022309938	2022304020	2022332905	<u>C01B 3 /-</u>	2022319702	2022298761
<u>B08B 5 /-</u>	<u>B41F 23 /-</u>	<u>B65B 61 /-</u>	2022301555	2022318349	
2022316602	2022320632	2022332905	2022326773	<u>C07C 273 /-</u>	2022319702
<u>B09B 3 /-</u>	<u>B41J 3 /-</u>	2022332905	2022335664	2022321703	2022321882
2022339142	2021461305	<u>B65B 9 /-</u>	<u>C01B 32 /-</u>	2022320317	2022323260
<u>B22F 9 /-</u>	<u>B41M 5 /-</u>	2022332905	<u>C07C 275 /-</u>	2022330732	2022334647
2022320632	2021461305	<u>B65D 21 /-</u>	2023251329	2022320317	2022401750
<u>B23B 3 /-</u>	<u>B42D 25 /-</u>	2022332557	<u>C01D 15 /-</u>	<u>C07C 309 /-</u>	<u>C07D 403 /-</u>
2022305411	2022342770	<u>B65D 25 /-</u>	<u>C01D 3 /-</u>	2022338082	2022318349
<u>B23B 5 /-</u>	<u>B60G 11 /-</u>	2021454106	2022317068	<u>C07C 5 /-</u>	2022321703
2022305411	2022333979	<u>B65D 5 /-</u>	2022317068	2022325543	2022325858
<u>B23B 51 /-</u>		2021454106	<u>C01F 17 /-</u>	2022313268	2022330732
2022305411	2022333979	2022332557	<u>C07C 51 /-</u>	<u>C07D 405 /-</u>	
				2022301555	2022330732

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

<u>C07D 409 /-</u>	<u>C07F 9 /-</u>	<u>C07K 4 /-</u>	<u>C10G 50 /-</u>	2022327169 2022327173 2022327174 2022328663 2022328794 2022330111 2022330242 20223307090 2022343842 2022349576	<u>C22B 3 /-</u> 2022304960 2022320127 2022322227 <u>C22B 59 /-</u> 2022304960 <u>C22B 7 /-</u> 2022304960 <u>C23C 14 /-</u> 2021460288 <u>C25B 1 /-</u> 2021464174 2022300433 2022317142 2022320438 2022324741 2022325383 2022327174 2022328757 2022330847 2022331582 <u>C25B 11 /-</u> 2022308891 <u>C25B 15 /-</u> 2022301888 2022321847 <u>C25B 9 /-</u> 2022301888 2022321847 <u>C40B 30 /-</u> 2022352593 <u>C40B 40 /-</u> 2022352593 <u>D21B 1 /-</u> 2022342781 <u>D21C 9 /-</u> 2022342781 <u>D21H 11 /-</u> 2022342781 <u>E01H 3 /-</u> 2022355694 <u>E02F 3 /-</u> 2022342531 <u>E02F 9 /-</u> 2022342531
2022330732	2022324471	2022320317	2022313268	2022327173 2022327174	
2022338082	<u>C07H 15 /-</u>	<u>C07K 7 /-</u>	<u>C10G 69 /-</u>	2022328663 2022328794	2022304960 2022320127
<u>C07D 413 /-</u>	2022324471	2022449868	2022313268	2022330111 2022330242	2022322227
2022298761				20223307090	<u>C22B 59 /-</u>
2022314096	<u>C07H 21 /-</u>	<u>C08F 218 /-</u>	<u>C10L 1 /-</u>	2022343842 2022349576	2022304960
2022315418					
2022323074	2022302611	2022342262	2022313268		
2022325543	2022337090		2022367534		
2022326885	<u>C07H 5 /-</u>	<u>C08H 7 /-</u>	<u>C10M 107 /-</u>	<u>C12N 5 /-</u>	<u>C22B 7 /-</u>
<u>C07D 417 /-</u>	2022349576	2022308683	2022313268	2022301099 2022302611	<u>C23C 14 /-</u>
2022315418		<u>C08J 11 /-</u>		2022305377	
2022318349	<u>C07K 1 /-</u>	2022336635	<u>C10N 20 /-</u>	2022310301 2022317142	2021460288
2022323260	2022332274		2022313268	2022320438	<u>C25B 1 /-</u>
2022325543		<u>C08J 3 /-</u>		2022324741	
2022326885	<u>C07K 14 /-</u>	2022321020	<u>C10N 30 /-</u>	2022325383 2022327174	2021464174 2022300433
<u>C07D 471 /-</u>	2022315419		2022313268	2022328757 2022330847	2022301888 2022321847
2022301461	2022316426	<u>C08J 5 /-</u>	<u>C11D 17 /-</u>	2022331582	<u>C25B 11 /-</u>
2022307247	2022316596	2022321972	2022334694	<u>C12N 7 /-</u>	
2022321703	2022317788				
2022324472	2022320438	<u>C08J 9 /-</u>	<u>C11D 3 /-</u>	2022324480	2022308891
2022325543	2022322029			2022326546	<u>C25B 15 /-</u>
2022334408	2022323540	2022318146			
2022334647	2022323847				
2022351080	2022324480	<u>C08K 5 /-</u>	2022334694	<u>C12N 9 /-</u>	2022301888
2022401750	2022324793				2022321847
2022411531	2022326546	2022321020	<u>C12C 11 /-</u>	2022307018 2022319965	
	2022327169			2022320438	<u>C25B 9 /-</u>
<u>C07D 487 /-</u>	2022327173	<u>C08L 33 /-</u>	<u>C12C 12 /-</u>	2022325230 2022327169	2022301888 2022308891
2022318349	2022328794	2022321020	2022310480	2022327173 2022330111	2022321847
2022319782	2022331122		<u>C12G 3 /-</u>	2022330111	
2022401750	2022332510	<u>C08L 51 /-</u>	2022340814 2022343842		<u>C40B 30 /-</u>
<u>C07D 491 /-</u>	2022332610	2022321020	<u>C12M 1 /-</u>	<u>C12P 21 /-</u>	<u>C40B 40 /-</u>
2022307207	202233266				
2022334408	2022334800	<u>C08L 71 /-</u>	2022310480		
2022334647	2022458328		<u>C12M 1 /-</u>		
	<u>C07K 16 /-</u>	2022321020	2022301719 2022324741	2022302611 2022305377	2022352593
<u>C07D 493 /-</u>	2021327599	<u>C08L 97 /-</u>	<u>C12M 3 /-</u>	<u>C12Q 1 /-</u>	<u>D21B 1 /-</u>
2022301099	2022303437	2022308683			
2022322838	2022303977				
<u>C07D 495 /-</u>	2022304258	<u>C09D 133 /-</u>	2022301719 2022324741	2022301625 2022315419	2022342781
2022305377	2022313524	2022319170		2022315559	<u>D21C 9 /-</u>
2022334408	2022316596	<u>C09D 143 /-</u>	<u>C12N 1 /-</u>	2022321666	2022342781
<u>C07D 498 /-</u>	2022322029				
2022318349	2022323246	2022342262	2022305377	<u>C12R 1 /-</u>	<u>D21H 11 /-</u>
2022401750	2022323540		2022319965		
	2022324456	<u>C09D 5 /-</u>	2022333266	2022319965 2022328794	2022342781
<u>C07D 513 /-</u>	2022326574	2022319170	<u>C12N 15 /-</u>	2022333266	<u>E01H 3 /-</u>
2022329980					
2022303895	202230242	<u>C09D 7 /-</u>	2022301099	<u>C22B 1 /-</u>	2022355694
2022303965	2022331122		2022302611		
2022318349	2022332285	2022319170	2022304946 2022305377	2022320127 2022322227	<u>E02F 3 /-</u>
	2022332510				
<u>C07D 519 /-</u>	2022332610	<u>C09K 17 /-</u>	2022307018 2022318982	<u>C22B 11 /-</u>	2022342531
2022301461	<u>C07K 19 /-</u>	2022321020	2022320438 2022322003	2022320127 2022322227	<u>E02F 9 /-</u>
<u>C07F 5 /-</u>	2022301099	<u>C10G 45 /-</u>	2022324708 2022324844	2022324351 2022342531	
2022320680	2022320680				
2022320317	2022325383	2022313268	2022325383 2022325553	<u>C22B 15 /-</u>	2022320127

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

<u>E04B 1 /-</u>	<u>F15B 20 /-</u>	<u>F28F 27 /-</u>	<u>G01N 33 /-</u>	<u>G06F 16 /-</u>	<u>G06V 40 /-</u>
2022346238	2022317947	2022310142	2022304258	2021414225	2022321906
<u>E04F 21 /-</u>	<u>F15B 21 /-</u>	<u>F41B 11 /-</u>	2022313196	2022301193	<u>G07C 9 /-</u>
2022361064	2022317947	2021461305	2022315559	2022305052	2022302763
<u>E05D 15 /-</u>	<u>F16B 11 /-</u>	<u>F41G 3 /-</u>	2022317521	2022319630	2022304977
2022337025	2022354880	2022323562	2022321666	2022323178	2022342770
<u>E06B 3 /-</u>	<u>F16B 25 /-</u>	<u>F41G 7 /-</u>	2022324804	<u>G06F 21 /-</u>	<u>G07D 7 /-</u>
2022337025	2022354880	2022323562	2022327748	202230847	2022342770
<u>E06B 9 /-</u>	<u>F16F 9 /-</u>		2022352593	2022302430	<u>G07F 11 /-</u>
2022337025	2022333979	<u>G01C 7 /-</u>	2022301625	2022319630	2022312403
<u>E21B 19 /-</u>	2022334269	<u>G01R 19 /-</u>	2022317521	2022324074	<u>G08B 21 /-</u>
2021457811	<u>F16G 11 /-</u>	2022317553	2022339971	<u>G06F 8 /-</u>	2022300436
2021472506	2022330603	<u>G01C 9 /-</u>	2022313787	2022324074	2022315042
<u>E21B 34 /-</u>	<u>F16H 25 /-</u>	2022300436	<u>G01R 31 /-</u>	2022303449	2022300436
2022427660	2022324992	<u>G01F 1 /-</u>	2022313787	2022324943	<u>G16B 20 /-</u>
<u>E21B 44 /-</u>	<u>F16L 3 /-</u>	2022322168	<u>G01S 19 /-</u>	2022313787	<u>G16B 40 /-</u>
2021472506	2022461637	<u>G01F 11 /-</u>	2022331632	<u>G06N 3 /-</u>	2022325153
<u>E21B 47 /-</u>	<u>F17C 11 /-</u>	2022320632	<u>G01S 7 /-</u>	2022302763	2022320541
2022427660	2022335664	<u>G01F 15 /-</u>	2022323562	2022304977	2022325153
<u>F01D 5 /-</u>	<u>F23C 1 /-</u>	2022316664	<u>G01T 1 /-</u>	2022319630	<u>G16H 10 /-</u>
2022321972	202230436	<u>G01F 23 /-</u>	2022320317	2022324074	2022328131
<u>F02C 7 /-</u>	<u>F23C 10 /-</u>	2022316664	<u>G02C 7 /-</u>	2022313784	<u>G16H 20 /-</u>
2022324572	2022316664	<u>G01J 1 /-</u>	2022320949	<u>G06Q 20 /-</u>	2022327785
<u>F03B 13 /-</u>	<u>F24D 19 /-</u>	2022323562	<u>G05B 13 /-</u>	2022304977	<u>G16H 30 /-</u>
2021453295	2022301548	<u>G01K 1 /-</u>	2022335931	2022321007	2022313101
<u>F03B 3 /-</u>	<u>F24S 40 /-</u>	2022301548	<u>G05B 15 /-</u>	<u>G06Q 40 /-</u>	<u>G16H 40 /-</u>
2021453295	2022302945	<u>G01L 1 /-</u>	2021456183	2022321007	2022318546
<u>F03D 1 /-</u>	<u>F24S 50 /-</u>	2022317553	2022335931	<u>G06T 3 /-</u>	<u>G16H 50 /-</u>
2021458504	2022317054	<u>G01N 1 /-</u>	<u>G05B 19 /-</u>	2021414225	2022313101
<u>F03D 13 /-</u>	<u>F24V 30 /-</u>	2022317521	<u>G05B 23 /-</u>	<u>G06T 7 /-</u>	2022328131
2022425741	2022338298	2022338298	2022340640	2022313101	<u>G21G 1 /-</u>
<u>F03D 80 /-</u>	2022316664	<u>G01N 21 /-</u>	2022315042	2022317116	2022326825
2022461637	<u>F25D 23 /-</u>	2022305124	<u>G05D 16 /-</u>	2022320779	<u>G21K 1 /-</u>
<u>F03G 7 /-</u>	2022327200	<u>G05D 7 /-</u>	2022331570	2022313101	2022303449
<u>F28D 15 /-</u>	<u>G01N 25 /-</u>	2022335931	<u>G06T 9 /-</u>	2022321528	<u>H01G 11 /-</u>
2022324992	2022305124	<u>G06F 1 /-</u>	2022315042	2022321110	2022331637
<u>F04B 53 /-</u>	<u>F28D 20 /-</u>	<u>G01N 27 /-</u>	2022310142	2022332110	<u>H01J 37 /-</u>
2022323059	2022310142	2022301625	2022355923	<u>G06V 10 /-</u>	2021460288
<u>F15B 13 /-</u>	2022310142	2022316666	<u>G06F 12 /-</u>	<u>G06V 20 /-</u>	<u>H01L 23 /-</u>
2022317947			2022324015	2022332110	2022310142

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

<u>H01L 29 /-</u>	<u>H02N 2 /-</u>	<u>H05B 1 /-</u>
2022319811	2021455180	2022349023
2022324943		
<u>H01L 31 /-</u>	<u>H02P 27 /-</u>	<u>H05B 6 /-</u>
2022317198	2022319179	2022306815
<u>H01M 10 /-</u>	<u>H03M 1 /-</u>	<u>H05H 1 /-</u>
2022310142	2022303449	2022320632
2022331637		
2022344483	2022344937	<u>H05K 7 /-</u>
	2022368367	2022310142
<u>H01M 4 /-</u>	<u>H04B 7 /-</u>	<u>H10N 15 /-</u>
2022331637	2022313102	2021464174
<u>H01M 50 /-</u>	<u>H04L 9 /-</u>	<u>H10N 60 /-</u>
2022358444	2022302430	2022335232
<u>H01M 6 /-</u>	<u>H02313784</u>	<u>H99Z 99 /-</u>
2022344483	<u>H04N 19 /-</u>	2022316602
<u>H01M 8 /-</u>	2022347311	
2022331247	<u>H04N 21 /-</u>	
<u>H01P 1 /-</u>	2022331240	
2022306815	<u>H04N 23 /-</u>	
<u>H01P 5 /-</u>	2022440629	
2022306815	<u>H04W 12 /-</u>	
<u>H01Q 1 /-</u>	2022313784	
2022344937	<u>H04W 16 /-</u>	
<u>H02G 1 /-</u>	2022307056	
2022319179	<u>H04W 28 /-</u>	
2022320129	2022324400	
<u>H02G 7 /-</u>	2022350309	
2022320129	<u>H04W 4 /-</u>	
<u>H02J 11 /-</u>	2022302764	
	2022304977	
2022300433	2022313784	
<u>H02J 15 /-</u>	2022326664	
	2022331632	
2022300433	<u>H04W 74 /-</u>	
<u>H02J 3 /-</u>	2022350309	
2022300433	<u>H04W 76 /-</u>	
<u>H02J 50 /-</u>	2022307056	
2022300436	2022350309	
<u>H02J 7 /-</u>	<u>H04W 84 /-</u>	
2022300436	2022350309	
2022313787	<u>H04W 88 /-</u>	
	2022307056	
	2022350309	

Applications Accepted**Name Index**

(71) 3DMORPHIC PTY LTD

(11) AU-B-2022201602

(21) 2022201602 (22) 08.03.2022

(54) Method and system for designing and fabricating a customised device

(51) Int. Cl.

A61B 34/10 (2016.01)

A61F 2/00 (2006.01)

(43) 31.03.2022

(44) 15.02.2024

(62) 2017212147

(72) PARR, William C. H.

(74) BLACKWATTLE IP PTY LIMITED

(71) 3M Innovative Properties Company

(11) AU-B-2018282156

(21) 2018282156 (22) 05.06.2018

(54) Composite dressings for improved granulation and reduced maceration with negative-pressure treatment

(51) Int. Cl.

A61F 13/00 (2006.01)

A61F 13/02 (2006.01)

A61M 1/00 (2006.01)

(87) WO2018/226624

(31) 62/516,550 (32) 07.06.17 (33) US

62/516,566 07.06.17 US

62/565,754 29.09.17 US

62/516,540 07.06.17 US

(43) 13.12.2018

(44) 15.02.2024

(72) Locke, Christopher Brian; Robinson, Timothy Mark

(74) Spruson & Ferguson

(71) 8 Rivers Capital, LLC

(11) AU-B-2018322996

(21) 2018322996 (22) 27.08.2018

(54) Low-grade heat optimization of recuperative supercritical co

(51) Int. Cl.

F02C 1/00 (2006.01)

F02C 3/34 (2006.01)

(87) WO2019/043556

(31) 62/551,025 (32) 28.08.17 (33) US

(43) 07.03.2019

(44) 15.02.2024

(72) FORREST, Brock Alan

(74) Spruson & Ferguson

(71) ABB Schweiz AG

(11) AU-B-2021280953

(21) 2021280953 (22) 26.04.2021

(54) An industrial process model generation system

(51) Int. Cl.

G05B 17/02 (2006.01)

(87) WO2021/239358

(31) 20177360.3 (32) 29.05.20 (33) EP

(43) 02.12.2021

(44) 15.02.2024

(72) JANKA, Dennis; KLOEPPER, Benjamin; CHIOUA, Moncef; RODRIGUEZ, Pablo; LYMPEROPOULOS, Ioannis; DIX, Marcel

(74) Griffith Hack

(71) ABB SCHWEIZ AG

(11) AU-B-2021378446

(21) 2021378446 (22) 15.09.2021

(54) INTERFACE DEVICE FOR CONNECTING PROCESS CONTROLLERS TO OPC UA PEER DEVICES

(51) Int. Cl.

G05B 19/418 (2006.01)

(87) WO2022/100909

(31) 20207190.8 (32) 12.11.20 (33) EP

(43) 19.05.2022

(44) 15.02.2024

(72) BRAUN, Roland; HOERNICKE, Mario

(74) Griffith Hack

(71) Ab Initio Technology LLC

(11) AU-B-2018404194

(21) 2018404194 (22) 25.01.2018

(54) Techniques for integrating validation results in data profiling and related systems and methods

(51) Int. Cl.

G06F 16/215 (2019.01)

(87) WO2019/147249

(43) 01.08.2019

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A61K 38/36 (2006.01)

A61P 7/00 (2006.01)

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(51) Int. Cl.

C07D 207/46 (2006.01)

A61K 39/00 (2006.01)

A61K 47/65 (2017.01)

A61K 47/68 (2017.01)

A61P 35/00 (2006.01)

C07K 7/08 (2006.01)

C07K 16/28 (2006.01)

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A61K 31/40 (2006.01)

A61P 1/08 (2006.01)

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C40B 40/08 (2006.01)

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(51) Int. Cl.

C07D 417/12 (2006.01)

A61K 31/4427 (2006.01)

A61P 31/22 (2006.01)

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G05B 19/418 (2006.01)
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G06Q 50/06 (2012.01)
H02J 3/28 (2006.01)
H02J 15/00 (2006.01)
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B32B 21/00 (2006.01)
B32B 7/12 (2006.01)
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B32B 27/40 (2006.01)
C08G 18/12 (2006.01)
C08G 18/20 (2006.01)
C08G 18/30 (2006.01)
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C09J 175/08 (2006.01)
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A61F 9/007 (2006.01)
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A61K 9/00 (2006.01)
A61K 31/122 (2006.01)
A61K 31/498 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61K 47/32 (2006.01)
A61K 47/34 (2017.01)
A61K 47/36 (2006.01)
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F28D 9/00 (2006.01)
F28F 3/08 (2006.01)
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C12N 5/071 (2010.01)

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C07K 16/18 (2006.01)
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G09F 3/12 (2006.01)
A01K 11/00 (2006.01)
A61D 1/00 (2006.01)
G09F 3/00 (2006.01)
G09F 3/08 (2006.01)
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G01F 23/26 (2006.01)
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G06V 10/82 (2022.01)
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A61K 8/64 (2006.01)
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G06F 3/16 (2006.01)
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 (54) User interface for managing controllable external devices
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G06F 3/01 (2006.01)
G06F 3/0482 (2013.01)
G06F 3/0488 (2022.01)
G06F 13/10 (2006.01)
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H04L 12/00 (2006.01)
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G06F 3/01 (2006.01)
G06F 3/0362 (2013.01)
G06F 3/0484 (2022.01)
G06F 3/0485 (2022.01)
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A61K 9/127 (2006.01)
A61P 29/00 (2006.01)
C12N 15/11 (2006.01)
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(51) Int. Cl.
A23L 33/135 (2016.01)
A23C 9/152 (2006.01)
A23L 2/38 (2006.01)
A23L 2/52 (2006.01)
A23L 29/10 (2016.01)
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G01S 11/02 (2010.01)
G01R 29/08 (2006.01)
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G01N 33/574 (2006.01)
A61K 38/00 (2006.01)
A61K 39/395 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
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B01D 53/06 (2006.01)
B01D 53/26 (2006.01)
F24F 3/14 (2006.01)
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(31) BE2019/5534 (32) 16.08.19 (33) BE
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C01B 32/312 (2017.01)
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G06T 7/00 (2017.01)
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F42D 1/05 (2006.01)
E21B 43/1185 (2006.01)
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B26B 19/20 (2006.01)
A61B 5/107 (2006.01)
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A61N 1/36 (2006.01)
A61N 1/04 (2006.01)
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E06B 9/70 (2006.01)
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H04N 19/597 (2014.01)
H04N 19/105 (2014.01)
H04N 19/119 (2014.01)
H04N 19/176 (2014.01)
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kits for identifying such event in biolo-
gical samples
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C12N 15/82 (2006.01)
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Daum, Julia; Aartsen, Wendy; Habex,
Veerle; McCarville, Michael
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(71) BASF Agrochemical Products B.V.
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(54) Use of pesticidal active carboxamide
derivative in soil and seed application
and treatment methods
(51) Int. Cl.
A01N 37/46 (2006.01)
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Menon, Anil
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(54) Polyurethane-based polymer material
having excellent resistance to heat dis-
tortion and elongation at tear
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C08G 18/08 (2006.01)
C08F 283/00 (2006.01)
C08G 18/22 (2006.01)
C08G 18/32 (2006.01)
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C08G 18/48 (2006.01)
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C08G 18/72 (2006.01)
C08G 18/76 (2006.01)
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A61B 17/16 (2006.01)
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A23L 33/115 (2016.01)

A23P 10/30 (2016.01)

A61K 8/46 (2006.01)

A61K 9/107 (2006.01)

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B01J 2/00 (2006.01)
C05G 3/20 (2020.01)
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G01F 23/26 (2006.01)
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G06Q 50/06 (2012.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 5/38 (2006.01)
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A47G 29/14 (2006.01)
A47G 29/122 (2006.01)
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G06F 16/24 (2019.01)
G06N 20/00 (2019.01)
G06V 10/10 (2022.01)
G06V 30/416 (2022.01)
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G01G 3/02 (2006.01)
A45C 13/26 (2006.01)
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A47J 31/42 (2006.01)
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A61K 31/4439 (2006.01)
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A61P 35/00 (2006.01)
C07D 403/14 (2006.01)
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A61K 31/4375 (2006.01)
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C07D 409/04 (2006.01)
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A61K 31/40 (2006.01)
A61P 31/04 (2006.01)
A61Q 19/06 (2006.01)
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A61B 17/02 (2006.01)
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A61B 34/00 (2016.01)
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F16K 11/00 (2006.01)

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F24F 1/0067 (2019.01)
F28F 1/02 (2006.01)
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A61K 9/48 (2006.01)
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G01R 31/01 (2020.01)
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H01R 13/207 (2006.01)
H01R 13/46 (2006.01)
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F16B 2/00 (2006.01)

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A47L 15/00 (2006.01)
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B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
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B66B 23/00 (2006.01)
E04C 3/20 (2006.01)
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B41F 19/00 (2006.01)
B41F 23/00 (2006.01)
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A61K 31/713 (2006.01)
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C01B 25/37 (2006.01)
C09C 1/00 (2006.01)
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A61K 36/064 (2006.01)
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H04N 19/60 (2014.01)
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D06F 34/26 (2020.01)
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F16C 11/04 (2006.01)
G09B 23/32 (2006.01)
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 (54) APPARATUS AND METHOD FOR HUMIDITY CONDITIONING SAMPLE GAS OF A PATIENT BREATHING CIRCUIT AFFILIATED WITH A VENTILATOR AND/OR NITRIC OXIDE DELIVERY SYSTEM
 (51) Int. Cl.
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G06N 20/00 (2019.01)
G06T 7/73 (2017.01)
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A41D 19/00 (2006.01)
A41D 19/04 (2006.01)
B29C 41/36 (2006.01)
C08F 236/04 (2006.01)
C08G 59/42 (2006.01)
C08K 3/22 (2006.01)
C08L 13/00 (2006.01)
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C01B 3/04 (2006.01)

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F41A 9/32 (2006.01)
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H04B 17/382 (2015.01)
H04L 27/16 (2006.01)
H04W 16/14 (2009.01)
H04W 24/08 (2009.01)
H04W 84/10 (2009.01)
H04W 88/02 (2009.01)
H04L 27/00 (2006.01)
H04L 27/20 (2006.01)
H04W 84/12 (2009.01)
H04W 88/00 (2009.01)
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E21B 3/02 (2006.01)
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(54) Apparatus and methods for automated slide drilling					
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E21B 44/02 (2006.01)	C02F 5/12 (2006.01)				
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A61B 3/00 (2006.01)	G06F 21/32 (2013.01)				
A61B 3/11 (2006.01)	G06F 16/635 (2019.01)				
A61B 3/113 (2006.01)	G06F 16/683 (2019.01)				
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A61P 35/00 (2006.01)	A61P 35/00 (2006.01)				
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H02S 20/32 (2014.01)
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C10L 9/06 (2006.01)
C10B 57/08 (2006.01)
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G09C 1/00 (2006.01)
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A21D 13/28 (2017.01)
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H04W 28/02 (2009.01)
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A61K 31/519 (2006.01)
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H01R 13/453 (2006.01)
B60L 53/16 (2019.01)
H01R 24/78 (2011.01)
H01R 13/639 (2006.01)
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 (51) Int. Cl.
G06N 3/08 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
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G06N 5/04 (2006.01)
G06N 3/00 (2006.01)
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G01R 31/62 (2020.01)
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B02C 17/16 (2006.01)
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 B65D 90/00 (2006.01)
 B66C 1/66 (2006.01)
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C12N 5/0793 (2010.01)
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C07C 51/41 (2006.01)
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A23G 1/40 (2006.01)
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 (44) 15.02.2024
 (72) XU, Zhong; XU, Shugen
 (74) Remarkable IP

Zhejiang Iwiss Electric Co., Ltd. see Zhuji Itop Hardware Tools Co., Ltd.
 (21) 2022203315

(71) Zhuji Itop Hardware Tools Co., Ltd.; Zhejiang Iwiss Electric Co., Ltd.
 (11) AU-B-2022203315
 (21) 2022203315 (22) 17.05.2022
 (54) PIPE EXPANDING PLIER
 (51) Int. Cl.
B21D 41/02 (2006.01)
B21D 39/20 (2006.01)
B25B 7/00 (2006.01)
B25B 33/00 (2006.01)
B29C 57/04 (2006.01)
 (31) 2022209290457 (32) 21.04.22 (33) CN 2022209784457 26.04.22 CN 2022209674279 25.04.22 CN
 (43) 09.11.2023
 (44) 15.02.2024
 (72) Shen, Yuejuan
 (74) Madderns Pty Ltd

(71) ZHUZHOU CRRC TIMES ELECTRIC CO., LTD.
 (11) AU-B-2020478433
 (21) 2020478433 (22) 03.12.2020
 (54) BIDIRECTIONAL DC/DC CONVERTER, URBAN RAIL VEHICLE AND TRACTION SYSTEM THEREOF
 (51) Int. Cl.

H02M 3/158 (2006.01)
 (87) WO2022/110267
 (31) 202011364325.X (32) 27.11.20 (33) CN
 (43) 02.06.2022
 (44) 15.02.2024
 (72) FU, Xiaolong; WAN, Weiwei; JIAO, Bi; LIN, Zhenjun; CHEN, Wenguang; ZHAO, Qingliang; HE, Hongcheng; CHEN, Yuqi; XIAO, Weihua; YAO, Wujun; ZENG, Xiaoqin
 (74) FPA Patent Attorneys Pty Ltd

(71) Zimmer, Inc.
 (11) AU-B-2019227788
 (21) 2019227788 (22) 27.02.2019
 (54) Drill guide for orthopedic device
 (51) Int. Cl.
A61B 17/17 (2006.01)
A61B 17/80 (2006.01)
 (87) WO2019/168988
 (31) 62/636,073 (32) 27.02.18 (33) US
 (43) 06.09.2019
 (44) 15.02.2024
 (72) FINLEY, Adam
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Zimmer, Inc.
 (11) AU-B-2019280104
 (21) 2019280104 (22) 16.12.2019
 (54) Compression force magnifier
 (51) Int. Cl.
A61B 17/80 (2006.01)
 (31) 16/222,477 (32) 17.12.18 (33) US
 (43) 02.07.2020
 (44) 15.02.2024
 (72) Finley, Adam
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Zoomessence, Inc.
 (11) AU-B-2022200511
 (21) 2022200511 (22) 27.01.2022
 (54) ULTRAHIGH EFFICIENCY SPRAY DRYING APPARATUS AND PROCESS
 (51) Int. Cl.
B01D 1/00 (2006.01)
B01D 1/18 (2006.01)
B01D 1/20 (2006.01)
F26B 3/12 (2006.01)
 (43) 17.02.2022
 (44) 15.02.2024
 (62) 2018312095
 (72) BEETZ, Charles Pershing; BEETZ, Jason Andrew
 (74) Northern Lights IP

(71) ZTE Corporation
 (11) AU-B-2019248305
 (21) 2019248305 (22) 04.04.2019
 (54) Method and device for determining and detecting time domain resource, storage medium, and electronic device
 (51) Int. Cl.
H04W 72/04 (2009.01)
 (87) WO2019/192597
 (31) 201810301332.1 (32) 04.04.18 (33) CN
 (43) 10.10.2019

Applications Accepted - Name Index cont'd

(44) 15.02.2024
(72) LIU, Xing; HAO, Peng; LIANG, Yachao;
BI, Feng
(74) Davies Collison Cave Pty Ltd

(71) Zucker, S.
(11) AU-B-2022200152
(21) 2022200152 (22) 12.01.2022
(54) Combination therapy for treating cancer
and method for treating cancer using a
combination therapy
(51) Int. Cl.
A61N 1/00 (2006.01)
A61K 31/33 (2006.01)
A61M 37/00 (2006.01)
A61N 1/30 (2006.01)
C07C 211/00 (2006.01)
(43) 10.02.2022
(44) 15.02.2024
(62) 2020202271
(72) Zucker, Shoshanna
(74) AJ PARK

(71) Zymeworks BC Inc.
(11) AU-B-2021202963
(21) 2021202963 (22) 10.05.2021
(54) Modified antigen binding polypeptide
constructs and uses thereof
(51) Int. Cl.
C07K 16/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
(43) 03.06.2021
(44) 15.02.2024
(62) 2015265457
(72) SANCHES, Mario; SPRETER VON
KREUDENSTEIN, Thomas; UROSEV,
Dunja; TOM-YEW, Stacey A. L.; CORP-
ER, Adam Louis; D'ANGELO, Igor Ed-
mondo Paolo; CHOU, Yang-Chieh;
DIXIT, Surjit Bhimrao
(74) Spruson & Ferguson

Numerical Index

2016370659	Amgen Inc.	2018259165	NewSouth Innovations Pty Ltd
2016381964	Kodiak Sciences Inc.	2018259859	Kyowa Kirin Co., Ltd.
2016419048	The Council of the Queensland Institute of Medical Research	2018261022	University of Pittsburgh - Of the Commonwealth System of Higher Education
2017205900	Kling Biotherapeutics B.V.	2018261181	Modjoul, Inc.
2017208554	Innate Pharma	2018265596	Witron Logistik + Informatik GmbH
2017221268	AstraZeneca AB; The United States of America, as Represented by The Secretary, Department of Health and Human Services	2018267612	The Boeing Company
2017224935	The Binding Site Group Limited	2018269163	MUSC Foundation for Research Development
2017290804	SomaLogic Operating Co., Inc.	2018272883	H. Lundbeck A/S
2017313450	Sementis Limited	2018273458	Fisher & Paykel Healthcare Limited
2017315414	Sangamo Therapeutics, Inc.	2018274848	White, J.
2017347637	Cellectis	2018275500	De' Longhi Appliances S.r.l.
2017350947	WASHINGTON UNIVERSITY	2018278276	GoodGut S.L.
2017363145	Allele Biotechnology & Pharmaceuticals, Inc.	2018278903	Howmedica Osteonics Corp.
2017374042	Sangamo Therapeutics, Inc.; Acuitas Therapeutics, Inc.	2018279457	Osaka University
2017376823	Breville Pty Limited	2018280348	Glencore Technology Pty Limited
2017379901	Arbutus Biopharma Corporation	2018282156	3M Innovative Properties Company
2017381338	DSM IP Assets B.V.	2018283285	Nucor Corporation
2017382228	Kates, M.J.; The University of Chicago; IIT Research Institute	2018284191	Alcon Inc.
2017382333	BASF Agricultural Solutions Seed US LLC	2018285184	Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.
2017382339	Novartis AG	2018288550	Exosomics S.p.A.
2017386860	Hangzhou Great Star Industrial Co., Ltd.; Hangzhou Great Star Tools Co., Ltd.	2018288802	Anderson Innovations, LLC
2017391167	Regeneron Pharmaceuticals, Inc.	2018295015	NCH Corporation
2017395701	Neurocrine Biosciences, Inc.	2018295387	Boehringer Ingelheim Vetmedica GmbH
2017398371	ORETECH ESTONIA OÜ	2018297270	Dignity Health
2017414765	Shearwater GeoServices Software Inc.	2018297399	Synhelion SA; ENI S.p.A.
2017418154	Sandvik Intellectual Property AB	2018298388	Bayer Aktiengesellschaft
2017428737	Adagene Inc.	2018298392	Bayer Aktiengesellschaft
2017434935	Kaise Co., Ltd.	2018298672	Boehringer Ingelheim Vetmedica GmbH
2017441360	Prysmian S.p.A.	2018302533	Klein, A.
2017443983	Halliburton Energy Services, Inc.	2018304530	Institut Gustave Roussy; Centre National de la Recherche Scientifique; Universite Paris-Saclay
2017444934	Sayani, S.	2018306420	Biomendics, LLC
2017445300	Paxgrid Cdn Inc.	2018309644	BP Corporation North America Inc.
2018201058	Castle, C.	2018315048	Commonwealth Scientific and Industrial Research Organisation
2018201312	BENTLEY, P.	2018315336	WaterView srl
2018202229	Maks Products Pty Ltd	2018316476	Alcresta Therapeutics, Inc.
2018203616	Dow Global Technologies LLC; Rohm and Haas Company	2018319731	Sika Technology AG
2018205218	Illumina, Inc.	2018322996	8 Rivers Capital, LLC
2018207283	Nektar Therapeutics	2018326719	Logical Brands, Inc.
2018207367	Celltrion Inc.	2018327414	BioNTech SE
2018209393	Skintech Life Science Limited	2018327592	OVD Kinigram AG
2018211285	Joy Global Surface Mining Inc	2018328094	Hubbell Incorporated
2018218310	Acacia Pharma Ltd	2018329152	BioNTech SE
2018221607	QinetiQ Limited	2018330941	Ishida Co., Ltd.
2018223730	Japan Vam & Poval Co., Ltd.; National University Corporation Tohoku University	2018331371	Cerepeut, Inc.
2018226620	Simply Breathe Ltd	20183337918	Salts Healthcare Limited
2018229147	Autolife Limited	2018339006	Leica Biosystems Imaging, Inc.
2018229355	Corcept Therapeutics, Inc.	2018343331	Otivio AS
2018229439	Allsenso Sp. z o.o.	2018345540	Qualcomm Incorporated
2018231281	Casale SA	2018346978	Mapp Biopharmaceutical, Inc.
2018232899	Depuy Ireland Unlimited Company	2018347352	Extreme Technologies, LLC
2018243554	Wisconsin Alumni Research Foundation	2018349179	SINTEF TTO AS
2018246349	James Hardie Technology Limited	2018350986	Quanta Associates, L.P.
2018248422	Anti-Plasmin Technologies, LLC	2018355899	The University of Newcastle
2018250337	Children's Hospital Medical Center	2018357775	Boehringer Ingelheim International GmbH
2018250417	FNV IP B.V.	2018361745	NextKidney SA
2018250844	Weidmüller Interface GmbH & Co. KG	2018365217	Société des Produits Nestlé S.A.
2018251829	Revatis SA	2018373678	Kuhn S.A.
2018253407	Toncelli, L.	2018376817	Kalvista Pharmaceuticals Limited
2018253454	Flexopack S.A.	2018376924	Shoulder Friends Institute
2018254526	Gritstone Bio, Inc.	2018377160	FMC Technologies do Brasil Ltda
2018255488	CSBP Limited	2018381189	United Barrier Technologies, Inc.
		2018381436	Osaka University
		2018382541	Mölnlycke Health Care AB
		2018385789	DeNovaMed Inc.
		2018386263	Falck-Schmidt ApS

Applications Accepted - Numerical Index cont'd

2018387255	Repos Pharma AB	2020200233	Brady Worldwide, Inc.
2018388491	Danstar Ferment AG	2020200234	Brady Worldwide, Inc.
2018389842	BHP Chile Inc	2020205651	ObjectVideo Labs, LLC
2018390267	Yoshino Gypsum Co., Ltd.	2020210564	Lesaffre et Compagnie
2018390499	The University of Manchester	2020225273	CloudBlue LLC
2018392730	U.S. Patent Innovations, LLC	2020230292	BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH
2018392779	Carnegie Mellon University		General Dynamics Ordnance and Tactical Systems - Canada, Inc.
2018392981	BHP Chile Inc	2020230461	Vexo International (UK) LTD
2018395740	Yeditepe Universitesi	2020233953	AbTis Co., Ltd.
2018396073	Klaus Multiparking GmbH	2020234394	Rio Tinto Alcan International Limited
2018397343	iProov Limited	2020237368	Immunwork Inc.
2018404194	Ab Initio Technology LLC	2020246504	Illinois Tool Works Inc.
2018405051	TuSimple, Inc.; Beijing Tusen Zhitu Technology Co., Ltd.	2020270360	Deciphera Pharmaceuticals, LLC
2018405255	Unicharm Corporation	2020274011	Wonderland Switzerland AG
2018410434	Beijing Tusen Zhitu Technology Co., Ltd.	2020293582	Scholar Rock, Inc.
2018421847	NTT DOCOMO, INC.	2020294193	Chen, C.
2018446326	Freeport-McMoRan Inc.	2020297785	Elekta AB (publ)
2018449648	VMAS Solutions Inc.	2020315113	The Global Alliance for TB Drug Development, Inc.
2018454263	Pharmaceutical Oriented Services Ltd; Remedica Ltd	2020316989	Rheinmetall Waffe Munition GmbH
2019203592	Aurora Flight Sciences Corporation	2020317522	LG Electronics Inc.
2019206665	Qualcomm Incorporated	2020319799	iKamper Co., Ltd.
2019207457	Complement Therapeutics Limited	2020323949	PepsiCo, Inc.
2019207475	Cryoport, Inc.	2020327218	The Yokohama Rubber Co., Ltd.
2019210913	Societe des Produits Nestle S.A.	2020332092	Atlas Copco Airpower N.V.
2019210994	De' Longhi Appliances S.r.l.	2020336887	Bauerfeind AG
2019211479	Pultrusion Technique Inc.	2020337720	TSD Life Sciences Co., Ltd.
2019216385	Herrenknecht Aktiengesellschaft	2020338366	Guangzhou Virotech Pharmaceutical Co., Ltd.
2019217864	Medtronic Minimed, Inc.	2020339220	David, L.
2019220607	University College Cardiff Consultants Ltd	2020340765	International Frontier Technology Laboratory, Inc.
2019221452	Owens-Brockway Glass Container Inc.	2020341681	Rigel Pharmaceuticals, Inc.
2019223807	Microsoft Technology Licensing, LLC	2020342299	Nanjing Anji Biotechnology Co., Ltd.
2019224600	Urgo Recherche Innovation et Developpement	2020344465	Tableau Software, Inc.
2019225884	BASF SE	2020344878	FMC Kongsberg Subsea AS
2019226342	Janssen Sciences Ireland Unlimited Company	2020346080	Entellus Medical, Inc.
2019227788	Zimmer, Inc.	2020348144	CJ Cheiljedang Corporation
2019230545	SMA Solar Technology AG	2020348841	Avation Medical, Inc.
2019238802	Eaton Intelligent Power Limited	2020350997	Inventio AG
2019239385	Geberit International AG	2020351793	Custom Biogenic Systems, Inc.
2019248015	ProForm Innovation Pty Limited	2020352536	W. L. Gore & Associates, Inc.
2019248305	ZTE Corporation	2020354148	LG Electronics Inc.
2019250353	Schons, G.; Schons, M.	2020360709	TOLREMO therapeutics AG
2019253923	Sipco Pty Ltd	2020362763	Haihe Biopharma Co., Ltd.
2019256481	Omya International AG	2020363069	Shenyang Sinochem Agrochemicals R&D Co., Ltd.; Jianshu Yangnong Chemical Co., Ltd.
2019264092	Twinpigbiolab. Inc.	2020363138	XLifeSc, Ltd.
2019266384	Hanwha Phasor Ltd.	2020367644	Losec Co., Ltd.
2019267188	IBD Therapeutics LLC	2020368815	LG Electronics Inc.
2019270999	Depuy Ireland Unlimited Company	2020371649	CompoSecure, LLC
2019273803	Johnson & Johnson Vision Care, Inc.	2020376669	LG Electronics Inc.
2019277922	Melodea Ltd.	2020376689	LG Electronics Inc.
2019280104	Zimmer, Inc.	2020382299	LG Electronics Inc.
2019287460	Intra-Cellular Therapies, Inc.	2020382581	LG Electronics Inc.
2019288674	Moffett International Co., Limited	2020386132	Vectura Delivery Devices Limited
2019291942	Lucid Software, Inc.	2020387175	E3D A.C.A.L.
2019292018	Raytheon Company	2020392155	LG Electronics Inc.
2019296085	Beijing Innocare Pharma Tech Co., Ltd.	2020394897	Nuculus AS
2019308539	Cambridge Mobile Telematics Inc.	2020397192	Colgate-Palmolive Company
2019322100	Oxitec, Ltd	2020400389	Alcon Inc.
2019325620	Vaya Space, Inc.	2020401358	Ryu Therapeutics S.A.
2019325658	The United States of America, as represented by the Secretary, Department of Health and Human Services	2020406455	Pfizer Ireland Pharmaceuticals
2019327006	Sumitomo Pharma Co., Ltd.	2020407164	Allflex USA LLC
2019328793	JSP Limited	2020412555	Cartiva, Inc.
2019334445	Perspectum Limited	2020414132	Beijing Scitech-MQ Pharmaceuticals Limited
2019336046	B1 Institute of Image Technology, Inc.	2020414806	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2019337773	Mastercard Technologies Canada ULC	2020415347	Hill's Pet Nutrition, Inc.
2019348732	Ipsen Biopharm Limited	2020416708	The ESAB Group Inc.
2019366993	CinDome Pharma, Inc.	2020421573	Weber-Stephen Products LLC
2019386021	Innovent Biologics (Suzhou) Co., Ltd.	2020423612	International Business Machines Corporation
2019388584	Staidson (Beijing) Biopharmaceuticals Co., Ltd.	2020427124	Nokia Technologies Oy
2019398172	Battelle Memorial Institute		
2019416193	Energizer Brands, LLC		

Applications Accepted - Numerical Index cont'd

2020440743	Shenzhen Dieckmann Tech Co. Ltd	2021280953	ABB Schweiz AG
2020442474	Loesche GmbH	2021281643	Pfizer Inc.
2020445474	Shangrao Xinyuan YueDong Technology Development Co. Ltd	2021281884	Samyang Holdings Corporation
2020445869	LG Electronics Inc.	2021282401	AWNLUX (SHANGHAI) SUNSHADE TECHNOLOGY CO., LTD
2020450373	Kyocera Corporation	2021282459	Li-Cycle Corp.
2020453924	Shenzhen Ulike Smart Electronics Co., Ltd	2021282464	Li-Cycle Corp.
2020472126	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2021282465	Li-Cycle Corp.
2020472388	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2021282470	Li-Cycle Corp.
2020472681	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2021290289	Illumina, Inc.
2020472953	PAYPAL, INC.	2021290306	Koodaideri Innovation & Technology Pty Ltd
2020475318	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	2021290959	International Business Machines Corporation
2020476357	Sekisui House, Ltd.	2021291586	University Health Network
2020478433	ZHUZHOU CRRC TIMES ELECTRIC CO., LTD.	2021291946	Standard Energy Co., Ltd.
2020481596	VARIAN MEDICAL SYSTEMS, INC.; SIEMENS HEALTHINEERS INTERNATIONAL AG	2021296396	StrainChem
2021200234	Allergan, Inc.; Xencor, Inc.	2021303190	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2021202416	BEYONDSPRING PHARMACEUTICALS, INC.	2021306718	NCS Pearson, Inc.
2021202747	Ablynx NV	2021307068	OMICRON Electronics GmbH
2021202963	Zymeworks BC Inc.	2021309909	Meyer Intellectual Properties Limited; Cheng, V.C.; Atichat, T.; Yuen, L.K.
2021204647	MORSE MICRO PTY. LTD.	2021310639	IHI Corporation
2021204886	UV Partners, Inc.	2021314878	Shenzhen Shokz Co., Ltd.
2021209920	TTX Company	2021323245	PharmaBlock Sciences (Nanjing), Inc.
2021210701	Toppan Inc.	2021325869	Genentech, Inc.; F. HOFFMANN-LA ROCHE AG
2021214930	Premier Hydraulic Augers, Inc.	2021326799	Vertiv Tech Co., Ltd.
2021215123	Fisher & Paykel Healthcare Limited	2021329439	Weir Slurry Group, Inc.
2021218043	Targan, Inc.	2021332794	Beijing Bytedance Network Technology Co., Ltd.
2021218073	SanBio, Inc.	2021334384	Labcyte Inc.
2021218725	ICP Construction, Inc.	2021338260	Colgate-Palmolive Company
2021222233	Siemens Energy Global GmbH & Co. KG	2021342522	Longi Green Energy Technology Co., Ltd.
2021224529	Howmedica Osteonics Corp.	2021343451	Netflix, Inc.
2021224891	Taylor Made Group, LLC	2021349904	CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD
2021226179	Church & Dwight Co., Inc.	2021353790	KOENIG & BAUER AG
2021229456	Nextracker LLC	2021354282	DAIKIN INDUSTRIES, LTD.
2021231655	Austin Star Detonator Company	2021368986	GUANGZHOU SIGTENNA TECHNOLOGY CO., LTD.
2021234003	Bauer Maschinen GmbH	2021371167	ANCESTRY.COM OPERATIONS INC.
2021236679	Sudhir Biopharma	2021378446	ABB SCHWEIZ AG
2021237819	General Electric Technology GmbH	2021387517	INNOVO THERAPEUTICS INC.
2021244275	Freudenberg Oil & Gas, LLC	2021402251	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021244791	Gannex Pharma Co., Ltd.	2021407012	HANGZHOU HEALZEN THERAPEUTICS CO., LTD.
2021244968	Lanxess Deutschland GmbH	2021410801	COHERE TECHNOLOGIES, INC.
2021245158	C.R. Bard, Inc.	2021423790	Sagar Defence Engineering Private Limited
2021245254	Stryker Corporation	2021427503	Rotam Agrochem International Company Limited
2021246424	BlackBox Biometrics, Inc.	2021441276	Nisshin Seifun Welna Inc.; Nisshin Seifun Premix Inc.
2021247219	Huawei Technologies Co., Ltd.	2021450579	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2021247925	Midori Anzen Co., Ltd.; BST Specialty Co., Ltd.	2022200152	Zucker, S.
2021248363	Medshine Discovery Inc.	2022200309	Chr. Hansen A/S
2021253003	Hill's Pet Nutrition, Inc.	2022200471	MFTB Holdco, Inc.
2021254600	Lumos Pharma, Inc.	2022200511	Zoomessence, Inc.
2021255244	Sungrow Power Supply Co., Ltd.	2022200598	RENMATIX, INC.
2021256599	Huawei Technologies Co., Ltd.	2022200640	Mesoblast International Sarl
2021256843	Nicoventures Trading Limited	2022200784	Regeneron Pharmaceuticals, Inc.
2021257168	JFE Steel Corporation	2022200788	Snap-on Incorporated
2021257363	LG Electronics Inc.	2022200822	Kabushiki Kaisha Toyota Jidoshokki
2021257594	Philogen S.p.A.	2022200924	Fisher & Paykel Healthcare Limited
2021258686	JX Nippon Mining & Metals Corporation	2022201014	Visa U.S.A. Inc.
2021259164	Bose Corporation	2022201081	Canon Kabushiki Kaisha
2021260549	Daniel S. O'Toole	2022201097	Apple Inc.
2021261948	Zhang, J.	2022201179	Transportation IP Holdings, LLC
2021261954	FISHER & PAYKEL HEALTHCARE LIMITED	2022201311	Emerald Cloud Lab, Inc.
2021264494	Moog Inc.	2022201326	Galil Medical Inc.
2021267818	Bold Limited	2022201401	DAMIAN PHARMA AG
2021269337	Covation Inc.	2022201414	Logan Cove Pty Ltd
2021270768	Bauer Maschinen GmbH	2022201509	CHEP Technology Pty Limited
2021270815	Assa Abloy AB	2022201514	Sanofi Pasteur Inc.
2021273574	Magic Leap, Inc.	2022201550	Transportation IP Holdings, LLC
2021276514	W. L. Gore & Associates, Inc.	2022201602	3DMORPHIC PTY LTD
2021277659	Fisher & Paykel Healthcare Limited	2022201674	Google LLC
		2022201737	The University of British Columbia

Applications Accepted - Numerical Index cont'd

2022201763	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2023200311	Commonwealth Scientific and Industrial Research Organisation
2022201768	Stryker Corporation	2023200451	Fujitsu General Limited
2022201816	Cystic Fibrosis Foundation	2023200677	Magic Leap, Inc.
2022202002	FISHER & PAYKEL HEALTHCARE LIMITED	2023200697	Getac Technology Corporation
2022202557	ConocoPhillips Company	2023200773	AiCuris GmbH & Co. KG
2022202569	Bluebeam, Inc.	2023200809	Mitsubishi Heavy Industries, Ltd.
2022202579	Snap-on Incorporated	2023201643	Panasonic Intellectual Property Corporation of America
2022202632	Thew & McCann Pty Ltd	2023201696	Sungrow Power Supply Co., Ltd.
2022202661	NVIDIA Corporation	2023201901	Systems IP Pty Ltd
2022202802	Civitas Therapeutics, Inc.	2023202994	Dynapower Company LLC
2022203032	Rail-Veyor Technologies Global Inc.	2023203197	Apple Inc.
2022203164	IHI Corporation	2023216865	Motive Drilling Technologies, Inc.
2022203315	Zhuji Itop Hardware Tools Co., Ltd.; Zhejiang Iwiss Electric Co., Ltd.	2023216866	Motive Drilling Technologies, Inc.
2022203385	BlackSeries Intelligent Equipment (Weihai) Co., Ltd	2023219871	GWEIKE TECH CO., LTD.
2022203512	Apple Inc.	2023274234	MCATARSNEY, B.; VANDENFONTYNE, J.
2022203599	BASF Agrochemical Products B.V.	2023274246	GYRUS ACMI, INC., d/b/a Olympus Surgical Technologies America
2022203635	Mobileye Vision Technologies Ltd.	2024200347	GREEN GRAPHITE TECHNOLOGIES INC.
2022203652	Koska Family Ltd	2024200356	Apple Inc.
2022203688	Microsoft Technology Licensing, LLC		Atlas Power Technologies Inc.
2022203739	Donaldson Company, Inc.		
2022203741	Imagine Pharma, LLC		
2022203758	The Research Foundation for The State University of New York		
2022203869	Dow Global Technologies LLC		
2022203969	Eli Lilly and Company		
2022204166	Deciphera Pharmaceuticals, LLC		
2022204178	Doona Holdings Ltd.		
2022204531	LG Electronics Inc.		
2022205152	Mallinckrodt Pharmaceuticals Ireland Limited		
2022205197	Air Products and Chemicals, Inc.		
2022209278	Nokia Solutions and Networks Oy		
2022209305	CareFusion 303, Inc.		
2022211892	SEW-EURODRIVE GmbH & Co. KG		
2022215152	BPW Bergische Achsen KG		
2022215262	Granor Rubber & Engineering Pty Ltd		
2022215281	Intuit Inc.		
2022218177	HINGE HEALTH, INC.		
2022224828	Unison Industries, LLC		
2022231779	Apple Inc.		
2022231784	Wonderland Switzerland AG		
2022241462	Five Eleven Pharma Inc.		
2022241595	Rosemount Inc.		
2022241618	Tao Mining Co., Ltd.		
2022246420	The Board of Trustees of the Leland Stanford Junior University		
2022256109	Weber-Stephen Products LLC		
2022256726	VISCOFAN TECHNOLOGY (SUZHOU) CO., LTD.		
2022259852	PELL Bio-Med Technology Co., Ltd		
2022260857	MADAD PTY LTD		
2022263458	Siemens Mobility GmbH		
2022264681	BOXABL INC.		
2022266963	ALFA LAVAL CORPORATE AB		
2022267839	COOPERVISION INTERNATIONAL LIMITED		
2022275460	C.R. Bard, Inc.		
2022278861	GREGORY, P.; JOHNSON, A.		
2022279417	The Nielsen Company (US), LLC		
2022279477	Getac Technology Corporation		
2022279924	CHEVRON PHILLIPS CHEMICAL COMPANY LP		
2022281367	HABASH, L.		
2022283636	Instrumentation Laboratory Company		
2022287590	DataInfoCom USA, Inc.		
2022291522	Apple Inc.		
2022298052	NIPPON STEEL ENGINEERING CO., LTD.		
2022311270	STAMICARBON B.V.		
2022311498	AKZO NOBEL COATINGS INTERNATIONAL B.V.		
2022316399	LIER CHEMICAL CO., LTD.		
2022316865	ZEBRA TECHNOLOGIES CORPORATION		
2022433644	TANAR CORP.		
2023200157	Boston Scientific Scimed, Inc.		
2023200170	ZHEJIANG DINGLI MACHINERY CO., LTD.		

IPC Index

	<u>A21D 13 /-</u>	<u>A23L 3 /-</u>	2021309909	<u>A61B 90 /-</u>	<u>A61J 7 /-</u>
<u>A01C 1 /-</u>	2021441276	<u>A23L 3 /-</u>	<u>A47J 37 /-</u>	2019270999	2018316476
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<u>A01D 75 /-</u>	<u>A23B 4 /-</u>	<u>A23L 31 /-</u>	2017376823	2020352536	<u>A61K 31 /-</u>
2018373678	2022256726		2020324886	2021224529	
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<u>A01H 1 /-</u>	<u>A23C 19 /-</u>	2020348144			2017350947
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		<u>A23L 33 /-</u>	<u>A47J 42 /-</u>	<u>A61C 5 /-</u>	2017374042
			2018275500	2018201058	2017382228
					2017382339
<u>A01K 11 /-</u>	<u>A23C 9 /-</u>	2018285184			2017395701
2020407164	2017381338	2018365217	<u>A47K 13 /-</u>	<u>A61D 1 /-</u>	2018209393
		2020210564			2018218310
		2018285184	2019239385	2020407164	2018229355
		2020440743			
<u>A01K 15 /-</u>	2020210564	2023200311			2018248422
2018326719			<u>A47L 11 /-</u>	<u>A61F 13 /-</u>	2018250337
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<u>A01K 29 /-</u>	2023200311	2020348144			2018272883
2021218043			<u>A47L 15 /-</u>	2018382541	2018295387
			2018405255		2018297270
<u>A01K 45 /-</u>	2019210913	2023200311	2020270360	2019224600	2018304530
2021218043				2021450579	2018306420
<u>A01K 67 /-</u>	<u>A23D 7 /-</u>	<u>A23L 5 /-</u>	<u>A47L 9 /-</u>	<u>A61F 2 /-</u>	2018327414
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<u>A01M 21 /-</u>	<u>A23K 10 /-</u>	<u>A42B 3 /-</u>	<u>A61B 17 /-</u>	2018278903	2018357775
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2018298392					2018376817
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<u>A01N 37 /-</u>	2020415347	2019273803	2023200157		2019327006
2021253003					
<u>A01N 43 /-</u>	<u>A23K 40 /-</u>	<u>A45C 13 /-</u>	<u>A61B 18 /-</u>	<u>A61F 7 /-</u>	2019366993
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2021441276			2020453924		2020274011
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2021427503			2023274234	2018284191	2020338366
					2020341681
<u>A01N 63 /-</u>	2018285184	2022203385			2020360709
2020415347					
<u>A01P 13 /-</u>	2021253003	<u>A47D 13 /-</u>	<u>A61B 3 /-</u>	<u>A61H 23 /-</u>	2020362763
2022203599		2022231784	2018269163	2020297785	2020400389
			2023200677		2020401358
<u>A01P 27 /-</u>	2020348144	<u>A47D 15 /-</u>	<u>A61B 34 /-</u>	<u>A61H 39 /-</u>	2020414132
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2020363069			2019270999		2021254600
2021427503			2020346080	<u>A61H 9 /-</u>	2021281643
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<u>A01P 3 /-</u>	2018285184	2022260857	2021224529	2018343331	2021349904
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			2022201768	<u>A61J 1 /-</u>	2022200152
<u>A01P 13 /-</u>	2019210913	2021260549	<u>A61B 5 /-</u>	2018298672	2022201401
2021427503				2018316476	2022201816
				2020386132	2022203758
<u>A01P 3 /-</u>	<u>A23L 27 /-</u>	<u>A47J 31 /-</u>	2017444934		2022203969
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<u>A01P 3 /-</u>	2018285184	2018275500	2018261181	<u>A61J 15 /-</u>	2022246420
2018388491		2019210994	2019217864		2022259852
			2021218043	2018316476	2022281367
					2023200311
					2023200773

Applications Accepted - IPC Index cont'd

<u>A61K 35 /-</u>	2020234394	2022202802	<u>A61P 25 /-</u>	2021387517	2022278861
	2020246504			2021407012	
	2020338366	<u>A61M 16 /-</u>		2022201816	<u>A63B 71 /-</u>
2017313450	2020400389	2018273458	2017382339	2022203969	2022218177
2017347637	2021257594	2021215123	2018272883	2022281367	2022218177
2017363145	2022201737	2021261954	2020337720		
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2018223730	2022259852	2022200924	2022201737		
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2018250337	<u>A61K 48 /-</u>	2022205152	<u>A61P 27 /-</u>	2018387255	
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2022203758	<u>A61K 49 /-</u>	2020346080	<u>A61P 29 /-</u>	2020363138	
		2021245158		2022201737	2021236679
<u>A61K 36 /-</u>	2022201737	<u>A61M 37 /-</u>	2017379901	2022259852	
			2020341681		<u>B01D 46 /-</u>
2018278276	<u>A61K 51 /-</u>	2022200152	2020401358		
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<u>A61K 38 /-</u>	<u>A61K 8 /-</u>	2018284191	2020362763	2019327006	<u>B01D 53 /-</u>
		2022209305	2020415347	2021387517	
2016419048	2018248422		2021281643		2018231281
2017221268	2018385789	<u>A61M 5 /-</u>			2020332092
2017315414	2020397192			2021281643	2022201763
2017374042	2021226179	<u>A61P 31 /-</u>		2022201401	2022311270
2018248422	2021338260	2018392730	2016419048		<u>B01J 2 /-</u>
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	2020316989			2022201401	
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2018207367	<u>A61L 17 /-</u>	2019226342	2017208554		
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2020230292	2021204886	2021244791	2018329152	<u>A61Q 19 /-</u>	2021282465
2020234394		2021281643	2018395740		2021282470
2020294193	<u>A61L 26 /-</u>		2019226342	2018385789	
2020338366	<u>A61P 11 /-</u>	2019264092		2023200311	<u>B03B 9 /-</u>
2021202416	2019224600	2018357775	2019296085		
2021202963		2019267188	2019327006	<u>A62B 18 /-</u>	2019250353
2022201737	<u>A61L 27 /-</u>	2019388584	2019388584	2021277659	<u>B04C 5 /-</u>
<u>A61K 45 /-</u>	2020367644	2021281643	2020234394		
	2020450373		2020274011	<u>A63B 17 /-</u>	2021236679
2018209393			2020337720		
2018272883	<u>A61L 9 /-</u>	<u>A61P 13 /-</u>	2020338366	2023201901	<u>B07B 1 /-</u>
2019327006		2021281643	2020360709		
<u>A61K 47 /-</u>	2021204886	<u>A61P 17 /-</u>	2020362763	<u>A63B 21 /-</u>	2019250353
	<u>A61M 1 /-</u>				
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2018250337		<u>A61P 19 /-</u>	2021248363		<u>B07B 15 /-</u>
2018304530	<u>A61M 15 /-</u>	2018365217	2021257594	2023201901	
2019264092	2020386132	2019388584	2021323245	<u>A63B 69 /-</u>	2019250353
			2021349904		

Applications Accepted - IPC Index cont'd

B07B 4 /-	2020319799	2019277922	B41M 3 /-	2021209920	B65D 19 /-
2019250353	B25J 19 /-	B32B 27 /-	2021353790	2022203032	2022201509
B07C 5 /-	2020319799	2018253454	B42D 25 /-	2022263458	B65D 75 /-
2021218043	B25J 5 /-	2019277922	2021353790	2022201414	2019273803
B08B 1 /-	2020237368	2021210701	B60C 11 /-	2022204178	B65D 90 /-
2022203164	B25J 9 /-	2022311498	B60H 1 /-	2022204178	2019211479
B08B 3 /-	2020319799	2019277922	B60H 1 /-	2022204178	B65G 1 /-
2017443983	B26B 19 /-	B32B 3 /-	2021224891	2022204178	2018265596
2022203164	2018229147	2021210701	B60J 1 /-	2020293582	B65G 15 /-
B21D 1 /-	B26D 3 /-	B32B 33 /-	2021224891	2018355899	
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B21D 39 /-	B27K 3 /-	B32B 37 /-	2018381189	2022203032	
2022203315	2022203869	2019273803	B60L 53 /-	2017434935	B66B 23 /-
B21D 41 /-	B28B 1 /-	B32B 5 /-	2020394897	2020350997	
2022203315	2020350997	2019277922	B60N 2 /-	B62J 17 /-	B66C 1 /-
B22D 11 /-	B28B 13 /-	B32B 7 /-	2022203385	2021224891	2019211479
2018283285	2022256726	2019273803	2022231784	B62K 13 /-	B66C 17 /-
B23D 21 /-	B28C 5 /-	2019277922	B60P 1 /-	2022204178	2020237368
2017386860	2022311498	2022311498	2018274848	B62K 21 /-	B66F 11 /-
B23K 10 /-	2018253407	B32B 9 /-	B60R 21 /-	2022278861	
2020416708	B29B 17 /-	2019277922	2019308539	2023200170	
B23K 26 /-	2018259165	B33Y 10 /-	B60R 22 /-	2021224891	
2023219871	B29C 41 /-	2020350997	2022231784	B64C 13 /-	2023200170
B23K 37 /-	2021247925	B33Y 30 /-	B60T 8 /-	2018267612	B66F 7 /-
2023219871	B29C 49 /-	2020350997	2022200822	B64C 39 /-	2018396073
B23Q 1 /-	2021269337	B33Y 70 /-	B61B 13 /-	2021423790	C01B 21 /-
B25B 13 /-	B29C 51 /-	2020350997	2022203032	B64D 1 /-	2018231281
2020237368	2021281884	B41F 11 /-	2021260549	2022311270	
B25B 23 /-	B29C 57 /-	2021353790	2018381189	B64F 1 /-	2021244968
2022202579	2022203315	B41F 13 /-	2018381189	B61D 3 /-	2021260549
B25B 33 /-	B29C 64 /-	2021353790	2018381189	2021423790	2023200809
2022203315	2020350997	B41F 19 /-	B61G 11 /-	B65B 3 /-	C01B 32 /-
B25B 7 /-	B29C 67 /-	2021353790	2018381189	2021276514	2023274246
2017386860	2018253407	B41F 23 /-	2018381189	B65B 57 /-	2024200356
2022203315	2021281884	B41F 11 /-	B61L 15 /-	2018330941	C01B 6 /-
B25D 1 /-	B32B 21 /-	2018250844	2022201179	B65B 7 /-	2023200809
2022200788	2022311498	B41J 3 /-	2021209920	2021276514	C01B 7 /-
B25J 11 /-	B32B 23 /-	2018250844	2022203032	B65B 9 /-	2018381436
			B61L 25 /-	2018330941	C01C 1 /-
			B61L 27 /-		

Applications Accepted - IPC Index cont'd

	<u>C07C 59 /-</u>	<u>C07D 413 /-</u>	<u>C07H 1 /-</u>	<u>C08F 10 /-</u>	<u>C09J 153 /-</u>
2022311270	<u>C01G 49 /-</u>	2020440743	2020360709 2020363069	2020440743 2021296396	2021296396
2021244968	<u>C07C 7 /-</u>	2022279924	2020401358 2021248363 2021427503	<u>C07H 19 /-</u> 2020440743	<u>C08F 236 /-</u> 2021247925
<u>C02F 1 /-</u>					<u>C09J 175 /-</u> 2022311498
2020233953	<u>C07D 207 /-</u>		<u>C07D 417 /-</u>		<u>C10B 57 /-</u>
2021236679				<u>C07H 3 /-</u>	
<u>C02F 103 /-</u>	2020234394	2019325658	2018250337	2019225884	2022298052
<u>C07D 213 /-</u>		2020360709	2021296396	<u>C08G 18 /-</u>	<u>C10L 9 /-</u>
2020233953		2021323245			
<u>C02F 5 /-</u>	2020414132	2023200773	<u>C07K 1 /-</u>	2019225884	2022298052
	2021323245			2022311498	
2018295015	<u>C07D 231 /-</u>	2017395701	2021236679	<u>C08G 59 /-</u>	<u>C11B 5 /-</u>
<u>C03B 40 /-</u>	2020363069	2022241462	<u>C07K 14 /-</u>	2021247925	2023200311
2019221452	<u>C07D 239 /-</u>		<u>C07D 471 /-</u>	2019207457 2019220607	<u>C12N 1 /-</u>
<u>C04B 111 /-</u>	2018331371	2018327414	2020294193	<u>C08H 8 /-</u>	2021236679
	2018392779	2019287460	2020363138		
2018253407	2019226342	2019327006	2021257594	<u>C08J 5 /-</u>	<u>C12N 11 /-</u>
<u>C04B 14 /-</u>	2020414132	2020337720	2022200784		2020340765
		2020360709	2022201514		
<u>C07D 251 /-</u>	2020362763	2022201737	2018253454		<u>C12N 15 /-</u>
2018253407	2021254600	2022203741		<u>C08J 9 /-</u>	
<u>C04B 24 /-</u>	2018392779	2022201401	<u>C07K 16 /-</u>	2019225884	2016419048 2017290804
					2017347637
<u>C07D 263 /-</u>		<u>C07D 473 /-</u>	2016370659	<u>C08K 3 /-</u>	2017379901
2018319731	2020406455	2021349904	2017205900		2017382333
<u>C04B 26 /-</u>		<u>C07D 317 /-</u>	2017208554	2021247925	2017391167
2018253407	<u>C07D 487 /-</u>	2017391167	2018346978	<u>C08K 5 /-</u>	2018259859
<u>C04B 28 /-</u>	2020406455	2019327006	2019386021		2018279457
		2020341681	2019388584	2019225884	2019322100
<u>C07D 401 /-</u>	2020362763	2020234394			2019348732
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<u>C05G 3 /-</u>	2022201816	2021200234	2019277922		2020363138
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	2021323245	2020341681	<u>C07K 19 /-</u>	2021247925	2017363145
	2021325869	2022203969			2018243554
2022279924	2022204166	<u>C07D 493 /-</u>	2016419048	<u>C08L 23 /-</u>	2018251829
<u>C07C 2 /-</u>		2020406455	2020246504		2018279457
		<u>C07D 495 /-</u>	<u>C07K 5 /-</u>	<u>C08L 53 /-</u>	2020340765
2022279924	2020274011	2020340765			2020363138
	2020341681	2022201737		2019224600	2021218073
<u>C07C 211 /-</u>	2020414132				2022200640
		<u>C07D 498 /-</u>	<u>C07K 7 /-</u>	<u>C08L 63 /-</u>	2022200784
2022200152	2021248363				2022201737
<u>C07C 231 /-</u>	<u>C07D 405 /-</u>	2019296085	2018254526	2021247925	
		2021248363	2020234394	2022203869	<u>C12N 7 /-</u>
2019267188	2020341681	<u>C07D 519 /-</u>	2020246504	<u>C09B 23 /-</u>	2019220607
	2020360709	2020340765			
<u>C07C 237 /-</u>	2020401358	2021349904	2022201737	2019325658	<u>C12N 9 /-</u>
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<u>C07C 43 /-</u>	2020360709	<u>C07F 7 /-</u>		<u>C09C 1 /-</u>	2017315414
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<u>C07C 51 /-</u>	2018385789	<u>C07F 9 /-</u>	<u>C08B 15 /-</u>	<u>C09D 7 /-</u>	2022200309
	2020360709	2022316399	2022200598		<u>C12P 21 /-</u>
2020440743				2018203616	2018346978

Applications Accepted - IPC Index cont'd

2019388584	2020368815	2018246349	E21B 34 /-	F16C 11 /-	2020351793
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2018389842	E02D 17 /-	E05D 7 /-	2023216866		F24F 3 /-
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D06F 29 /-	E04F 17 /-		2018328094		
				2019207475	

Applications Accepted - IPC Index cont'd

<u>F28F 13 /-</u>	<u>G01F 25 /-</u>	<u>G01S 11 /-</u>	<u>G05B 17 /-</u>	<u>G06F 30 /-</u>	<u>G06T 1 /-</u>
2018297399	2020351793	2021270815	2021280953	2022200471	2022283636
<u>F28F 3 /-</u>	<u>G01G 3 /-</u>	<u>G01S 17 /-</u>	<u>G05B 19 /-</u>	<u>G06F 40 /-</u>	<u>G06T 17 /-</u>
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<u>F41A 5 /-</u>	<u>G01N 1 /-</u>	2022241595	<u>G05D 1 /-</u>	<u>G06K 17 /-</u>	2018390499 2019203592
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<u>F41A 7 /-</u>	<u>G01N 17 /-</u>	2017414765 2022202557	<u>G05D 22 /-</u>	<u>G06K 19 /-</u>	<u>G06V 10 /-</u>
2020317522	2018309644	<u>G01W 1 /-</u>	2022256726	2020371649	2021371167
<u>F41A 9 /-</u>	<u>G01N 21 /-</u>	2018315336	<u>G06F 1 /-</u>	2022201014	2022287590
2021264494	2018315048 2018390499	<u>G02B 21 /-</u>	2022279477	<u>G06K 7 /-</u>	<u>G06V 30 /-</u>
<u>F41G 3 /-</u>	2022283636	2018339006	<u>G06F 11 /-</u>	2022316865	2021371167 2022287590
2018221607	<u>G01N 24 /-</u>	2019223807		<u>G06N 10 /-</u>	
<u>F42B 14 /-</u>	2019253923	<u>G02B 26 /-</u>	2020472953 2022203688	2021290959	<u>G07C 5 /-</u>
2020230461	<u>G01N 29 /-</u>	2018349179	2023201696	2022201674	2019308539 2022201179
<u>F42B 8 /-</u>	2018309644	<u>G02B 27 /-</u>	<u>G06F 13 /-</u>	<u>G06N 20 /-</u>	2022201550
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<u>F42D 1 /-</u>	2017221268 2017224935	<u>G02B 6 /-</u>	<u>G06F 15 /-</u>	2022200471 2022202661	2018410434
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<u>G01B 11 /-</u>	2020342299	<u>G02B 7 /-</u>	<u>G06F 16 /-</u>	<u>G06N 3 /-</u>	2022260857
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<u>G01B 17 /-</u>	2022283636	<u>G02C 7 /-</u>	2020344465 2021306718	2022202661	2021306718
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<u>G01R 29 /-</u>	2018327592	2018397343	<u>G06Q 20 /-</u>		2020472681
<u>G01C 21 /-</u>	2021270815	<u>G05B 11 /-</u>	2019337773 2021267818	2022201014 2023203197	<u>G09F 3 /-</u>
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<u>G01D 5 /-</u>	2018350986 2019398172	<u>G05B 13 /-</u>	<u>G06F 3 /-</u>	<u>G06Q 40 /-</u>	<u>G10K 11 /-</u>
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<u>G01F 1 /-</u>	2021307068 2023201696	2022205197	2021332794 2022201097	<u>G06Q 50 /-</u>	
2018315048	<u>G01R 33 /-</u>	<u>G05B 15 /-</u>	2022202569 2022203512	2021310639 2022231779	<u>G10L 17 /-</u>
<u>G01F 23 /-</u>	2018349179	2021290306	2022291522	2021332794 2021354282	2021306718
2018229439 2020351793	2019253923 2019334445	2022202632	2024200347	<u>G16B 20 /-</u>	2022202632 2021291586

Applications Accepted - IPC Index cont'd

<u>G16B 30 /-</u>	2021368986	<u>H02K 15 /-</u>	2021410801	<u>H04W 4 /-</u>
2021291586	<u>H01Q 3 /-</u>	2020414806	<u>H04L 67 /-</u>	2017445300 2022241595
<u>G16H 20 /-</u>	2019266384	<u>H02K 5 /-</u>	2021343451	<u>H04W 48 /-</u>
2018449648	<u>H01R 12 /-</u>	2020445869	<u>H04L 9 /-</u>	2021247219
<u>G21G 4 /-</u>	2023200697	<u>H02K 7 /-</u>	2021267818 2021402251 2022215281	<u>H04W 52 /-</u>
2018381436	<u>H01R 13 /-</u>	2020445869		2020427124
<u>H01G 11 /-</u>	2020394897	<u>H02M 3 /-</u>	<u>H04M 1 /-</u>	<u>H04W 72 /-</u>
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<u>H01H 23 /-</u>	<u>H01R 24 /-</u>	<u>H02P 25 /-</u>	<u>H04N 19 /-</u>	
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<u>H01H 33 /-</u>	<u>H01R 4 /-</u>	<u>H02S 20 /-</u>	2020376689 2020382299 2020382581	2021204647
2019238802	2023200697	2021229456		<u>H04W 88 /-</u>
<u>H01H 35 /-</u>	<u>H01R 9 /-</u>	<u>H02S 40 /-</u>	2020392155 2022204531	2021204647
2021261954	2023200697	2022203164	2023201643	<u>H05B 3 /-</u>
<u>H01L 21 /-</u>	<u>H02G 3 /-</u>	<u>H02S 50 /-</u>	<u>H04N 21 /-</u>	2021261954
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<u>H01L 27 /-</u>	<u>H02H 1 /-</u>	<u>H03K 3 /-</u>	<u>H04N 23 /-</u>	2020324886
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<u>H01L 29 /-</u>	<u>H02H 7 /-</u>	<u>H04B 17 /-</u>	<u>H04N 5 /-</u>	2021326799
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<u>H01L 31 /-</u>	<u>H02J 13 /-</u>	<u>H04B 3 /-</u>	<u>H04R 1 /-</u>	2020416708
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<u>H01M 10 /-</u>	<u>H02J 15 /-</u>	<u>H04B 7 /-</u>	<u>H04R 29 /-</u>	
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<u>H01M 4 /-</u>	<u>H02J 3 /-</u>	<u>H04H 60 /-</u>	<u>H04W 12 /-</u>	
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<u>H01M 50 /-</u>	<u>H02J 20 /-</u>	<u>H04L 12 /-</u>	<u>H04W 16 /-</u>	
2023200697	2022202632 2022205197	2019337773 2022291522	2021204647	
<u>H01M 6 /-</u>	<u>H02J 50 /-</u>	2023203197	<u>H04W 24 /-</u>	
2019416193	2021291946	<u>H04L 27 /-</u>	2021204647	
<u>H01Q 1 /-</u>	<u>H02J 7 /-</u>	2021204647	<u>H04W 28 /-</u>	
2021368986	2021256843 2021291946	2021410801	2021256599	
<u>H01Q 15 /-</u>	<u>H02K 1 /-</u>	<u>H04L 41 /-</u>	2022209278	
2021368986	2020445869	2020472953	<u>H04W 36 /-</u>	
<u>H01Q 19 /-</u>		<u>H04L 5 /-</u>	2022209278	

Certified Innovation Patents**Name Index**

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

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(21) 2023100086

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(11) AU-B-2023100086
(21) 2023100086 **(22)** 27.09.2023
(54) A drop tray
(51) Int. Cl.
 A47D 1/00 (2006.01)
 A47D 15/00 (2006.01)
 B65D 5/30 (2006.01)
(45) 15.02.2024
(62) 2021221498
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Numerical Index

2023100086 Cohen, B.; Butler Technology Pty Ltd

IPC Index

A47D 1 /-

2023100086

A47D 15 /-

2023100086

B65D 5 /-

2023100086

Patents Granted**Standard Patents**

2016329064	2016349701	2016352572	2016371903
2016385177	2017208819	2017213791	2017215201
2017215345	2017233725	2017238054	2017255938
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2017272875	2017278350	2017290832	2017306409
2017327485	2017339344	2017352590	2017352748
2017356784	2017384467	2017423265	2017427593
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2018205061	2018205064	2018207664	2018209360
2018213056	2018213958	2018214152	2018219066
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2018240079	2018244928	2018246334	2018247249
2018247938	2018247939	2018249143	2018249556
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2018288670	2018290312	2018292639	2018294520
2018297616	2018298649	2018302747	2018308365
2018308366	2018309662	2018313902	2018320846
2018320874	2018323964	2018331356	2018333869
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2020404991	2020412222	2020412358	2020420155
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2021218203	2021218214	2021221920	2021223155
2021226514	2021229186	2021232216	2021232685
2021232738	2021243424	2021244991	2021245251
2021245253	2021250869	2021250895	2021254537
2021254648	2021257828	2021257909	2021260192
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2021347695	2021363237	2021365925	2021370379
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Patents Granted**Standard Patents**

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Assignments Registered

2004258980 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2005249353 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2006206413 ThermoDrive LLC The patent has been assigned to **Laitram, L.L.C.**

2006259687 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

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2009262875 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009262876 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009262877 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

Assignments Registered

2009262879 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009262880 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009262881 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009262883 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009262884 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009268518 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009279487 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009293176 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009293350 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009293592 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009296719 Restaurant Technologies, Inc. The patent has been assigned to **Brooks Equipment Company, LLC**

2009302771 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009310389 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009316703 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009330157 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009330210 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009330298 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009333031 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009333066 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009333092 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009335119 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2009346230 Caterpillar Global Mining LLC; Siemens Aktiengesellschaft; Siemens Industry, Inc. The patent has been assigned to **Caterpillar Global Mining LLC; Siemens Industry, Inc.; Innomotics GmbH**

2009354167 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2010204471 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

Assignments Registered

2010224311 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2010257431 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2010268409 Ruggli Projects AG The patent has been assigned to **Ruggli AG**

2010325544 I.D.E. Technologies Ltd. The patent has been assigned to **IDE Water Technologies Ltd.**

2010336535 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2010356339 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011202155 ThermoDrive LLC The patent has been assigned to **Laitram, L.L.C.**

2011207567 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011207577 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011224240 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011224244 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011224365 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011227481 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011239545 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011239573 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011278982 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011279913 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011285592 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

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2011289435 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011292096 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011292146 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011329273 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011358121 I.D.E. TECHNOLOGIES LTD. The patent has been assigned to **IDE Water Technologies Ltd.**

Assignments Registered

2011359327 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2011369262 Gnosis S.p.A. The patent has been assigned to **LESAFFRE ET COMPAGNIE**

2012201896 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012245339 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012254926 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012261793 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012261959 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012261966 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012262807 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012287136 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012290520 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012301427 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012308799 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012309078 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012312898 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012323963 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012333210 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012340381 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012340789 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012351930 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012352000 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2012370527 3M Innovative Properties Company The patent has been assigned to **Solventum Intellectual Properties Company**

2013201152 Lion (Aust) Consolidated Pty. Ltd. The patent has been assigned to **MAYO HARDWARE PTY LTD**

2013265350 Gnosis S.p.A. The patent has been assigned to **LESAFFRE ET COMPAGNIE**

Assignments Registered

2013285395 Ruggli Projects AG The patent has been assigned to **Ruggli AG**

2014255321 I.D.E. Technologies Ltd. The patent has been assigned to **IDE Water Technologies Ltd.**

2014272500 Takeda Pharmaceutical Company Limited The patent has been assigned to **SCOHIA PHARMA, Inc.**

2014277944 Restaurant Technologies, Inc. The patent has been assigned to **Brooks Equipment Company, LLC**

2015277196 Racing Optics, Inc. The patent has been assigned to **Laminated Film LLC**

2015333542 ShawCor Ltd. The patent has been assigned to **2543500 Alberta Ltd.**

2016209003 ShawCor Ltd. The patent has been assigned to **2543500 Alberta Ltd.**

2016259971 Murdoch University The patent has been assigned to **ProGenis Pty Ltd**

2016282839 Ruggli Projects AG The patent has been assigned to **Ruggli AG**

2016343830 Gardner Denver, Inc. The patent has been assigned to **Industrial Technologies and Services, LLC**

2016366183 Nant Holdings IP, LLC The patent has been assigned to **IMMUNITYBIO, INC.**

2017201943 Glysens Incorporated The patent has been assigned to **McNair Interests Ltd.**

2017347630 Barth Innovations Limited The patent has been assigned to **Barth-Haas UK Limited**

2017434770 ShawCor Ltd. The patent has been assigned to **2543500 Alberta Ltd.**

2018250552 Sierra Oncology, Inc. The patent has been assigned to **CRT Pioneer Fund LP**

2019202623 Restaurant Technologies, Inc. The patent has been assigned to **Brooks Equipment Company, LLC**

2019244571 Ruggli Projects AG The patent has been assigned to **Ruggli AG**

2019254161 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy Global GmbH & Co. KG**

2019280006 Nant Holdings IP, LLC The patent has been assigned to **IMMUNITYBIO, INC.**

2019324405 Qingdao Wholesometech Co., Ltd. The patent has been assigned to **QINGDAO RISING BIOTECHNOLOGY CO., LTD.**

2021103296 Hunter, Robert The patent has been assigned to **MTC Contractors Pty Ltd**

2022100127 Hunter, Robert The patent has been assigned to **MTC Contractors Pty Ltd**

Mortgages Registered - Section 187, Reg. 19

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

2019101322 RDCCO PTY LTD (Global Loan Agency Services Australia Nominees Pty Ltd)

Mortgages Registered - Section 187, Reg. 19

2021107362 RDCCO PTY LTD (Global Loan Agency Services Australia Nominees Pty Ltd)

2022100149 RDCCO PTY LTD (Global Loan Agency Services Australia Nominees Pty Ltd)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

2008304192 **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

2009219232 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 05 Jun 2023

For the goods ESPEROC Turoctocog alfa pegol

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

2013274288 **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

2020203531 **Pearl Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 02 Oct 2018

For the goods BEVESPI AEROSPHERE Bevespi

Address for service : Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Extensions granted

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

2013303826 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar 20 pneumococcal purified capsular polysaccharides

Extension of Term of patent pursuant to Section 77 expires on 02 Dec 2037

2015208820 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal purified capsular polysaccharides

Extension of Term of patent pursuant to Section 77 expires on 02 Dec 2037

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

2015208822 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar 20 pneumococcal purified capsular polysaccharides

Extension of Term of patent pursuant to Section 77 expires on 02 Dec 2037

2019204623 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar 20 pneumococcal purified capsular polysaccharides

Extension of Term of patent pursuant to Section 77 expires on 02 Dec 2037

Corrigenda

In Vol 57 , No 40 , Page(s) 5845 under the heading **Applications Accepted - Name Index** Delete all reference to 2018405051.

In Vol 58 , No 2 , Page(s) 207 under the heading **Applications Accepted - Name Index** Delete all reference to 2020372684.

In Vol 58 , No 6 , Page(s) 755 under the heading **Assignments Before Grant, Section 113 - 2020** Under the name Sumitomo Pharma Co., Ltd. and Sumitomo Pharma Co., Ltd. and Riken and Riken, Application No. 2020234344, under INID (71) correct the applicant name to Sumitomo Pharma Co., Ltd. and Riken

In Vol 58 , No 6 , Page(s) 755 under the heading **Assignments Before Grant, Section 113 - 2020** Under the name Sumitomo Pharma Co., Ltd. and Sumitomo Pharma Co., Ltd. and Riken and Riken, Application No. 2020260894, under INID (71) correct the applicant name to Sumitomo Pharma Co., Ltd. and Riken

Specifications Republished

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

2018230046 Xiamen University; Yang Sheng Tang Company, Ltd.
2018255769 Capartis AG
2018260992 Regeneron Pharmaceuticals, Inc.
2018307730 HG&H Pharmaceuticals (Pty) Ltd
2021219832 GenFleet Therapeutics (Shanghai) Inc.; Zhejiang GenFleet Therapeutics Co., Ltd.
2021266305 Iluka Resources Limited; Australian Nuclear Science and Technology Organisation
2021301442 Yeda Research and Development Co. Ltd.
2021338673 OSCILLOSCOPE, LLC
2021460215 CHIYODA CORPORATION