



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	5483
Amendments Made	5483
Alteration of Name(s) of Applicant(s)/Patentee(s)	5484

Applications Accepted

Name Index	5543
Numerical Index	5578
IPC Index	5581

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	5480
---	------

Applications Open to Public Inspection

Name Index	5486
Numerical Index	5499
IPC Index	5501

Assignments before Grant, Section 113	5481
---	------

Assignments Registered	5590
------------------------------	------

Certified Innovation Patents

Name Index	5587
Numerical Index	5588
IPC Index	5589

Complete Applications Filed

Name Index	5468
Numerical Index	5476

Extensions of Term of Standard Patents	5591
--	------

Extensions of Time, Section 223	5482
---------------------------------------	------

Innovation Patent Applications Filed

Name Index	5478
Numerical Index	5479

PCT applications which have entered the National Phase

Name Index	5503
Numerical Index	5534
IPC Index	5537

Patents Granted	5590
------------------------------	-------------

Offer to Surrender	5590
---------------------------------	-------------

Provisional Applications Filed

Name Index	5463
Numerical Index	5467

Revocation	5590
-------------------------	-------------

Specifications Republished	5591
---	-------------

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).

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

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 10 Sep 2024 .

(71) Acrow Formwork & Scaffolding Pty Ltd (21) 2024902875 (22) 11.09.2024 (54) CANTILEVER ADJUSTABLE LOADING PLATFORM	(71) Backtech Pty Ltd (21) 2024902887 (22) 11.09.2024 (54) GEOPOLYMER CONCRETE COMPOSITIONS	(21) 2024902894
(71) AEM Cores Pty Ltd (21) 2024902871 (22) 11.09.2024 (54) APPARATUS FOR PRODUCING LAMINATIONS FOR A LAMINATED CORE FOR A TRANSFORMER	(71) Bend-tech Investments 1 Pty Ltd (21) 2024902943 (22) 16.09.2024 (54) Chain transportation caddy	(71) Clearburgh Proprietary Limited (21) 2024902870 (22) 11.09.2024 (54) Ear Protector
(71) AEM Cores Pty Ltd (21) 2024902872 (22) 11.09.2024 (54) APPARATUS FOR ASSEMBLING A TRANSFORMER CORE	(71) Blairgowrie Developments Pty Ltd (21) 2024902824 (22) 06.09.2024 (54) Work For School - "School to Work Day" sporting mechanism for sports and creation of of rural and disadvantaged youth.	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024902897 (22) 12.09.2024 (54) METHOD FOR RECYCLING MATERIAL
(71) Analytical Models Pty. Ltd. (21) 2024902939 (22) 15.09.2024 (54) AN AUCTION SIMULATOR AND BID REPORTING TOOL GENERATION MODULE FOR A SPECTRUM AUCTION AND A METHOD OF OPERATION THEREOF	(71) Boat Wings Pty Ltd (21) 2024902956 (22) 17.09.2024 (54) Boat stabilizer assembly	(71) Connewarre Energy Pty Limited (21) 2024902908 (22) 12.09.2024 (54) Systems and processes for hydrocarbon gas reforming for hydrogen production
(71) Annex Products Pty Ltd (21) 2024902954 (22) 16.09.2024 (54) VIBRATION DAMPENER	(71) Butler, c. (21) 2024902950 (22) 16.09.2024 (54) Wager X	(71) CONTRIXUS PTY LTD (21) 2024902935 (22) 14.09.2024 (54) Method For Vehicle Identification
(71) Ant Engineering Pty Ltd (21) 2024902962 (22) 17.09.2024 (54) Grader Blade and Backfill Attachment	Cacho, G. see Pagaduan, J. (21) 2024902910	(71) CONVERGENCE MEDICAL PTY LTD (21) 2024902915 (22) 13.09.2024 (54) ACTUATED WRIST MECHANISM
(71) Australian National University (21) 2024902895 (22) 12.09.2024 (54) Desalination Device	(71) Cahejo Pty Ltd (21) 2024902929 (22) 13.09.2024 (54) AXLE SADDLE	(71) CONVERGENCE MEDICAL PTY LTD (21) 2024902917 (22) 13.09.2024 (54) SURGICAL ROBOTIC SYSTEM
(71) Australian National University (21) 2024902898 (22) 12.09.2024 (54) Improved Crystalliser	(71) CAMPBELL MCNICOLL; ISABELA ALVES DE CASTRO (21) 2024902941 (22) 16.09.2024 (54) PROCESS AND PRODUCT	(71) Cost-Bry Pty Ltd (trading as Bio-meBank) (21) 2024902944 (22) 16.09.2024 (54) Microbiota Compositions and Methods for Treating Disorders
	(71) CAP-XX Limited (21) 2024902938 (22) 15.09.2024 (54) A surface mount device (SMD) cradle	(71) Crnokrak, M. (21) 2024902907 (22) 12.09.2024 (54) Intra-Vehicular Data Transmission and Display System

Clauss, J.Y. see Meier, J.M.

Provisional Applications Filed - Name Index cont'd

(71) Curran, B.
(21) 2024902953 (22) 16.09.2024
(54) A chemically impregnated insert for a bin

Darren Chen see Samuel Macdessi
(21) 2024902893

(71) DataDot Technology Limited
(21) 2024902876 (22) 11.09.2024
(54) Automated Microdot Placement System

(71) DataDot Technology Limited
(21) 2024902877 (22) 11.09.2024
(54) Enhanced Microdot Spray Applicator

(71) DataDot Technology Limited
(21) 2024902878 (22) 11.09.2024
(54) Enhanced Microdot Transformation System

Deignan, T. see Scott, P.
(21) 2024902899

(71) Diva Investments Pty Ltd
(21) 2024902930 (22) 13.09.2024
(54) Bump Stop Improvements

(71) Fairleigh, J.; Young, B.
(21) 2024902896 (22) 12.09.2024
(54) Laminated Surfboard Stringer

(71) FLOATING ESKY PTY LTD
(21) 2024902916 (22) 13.09.2024
(54) Bird Deterrent Apparatus

(71) FOODSTREAM PTY LTD
(21) 2024902909 (22) 13.09.2024
(54) EXTENDED SHELF LIFE FOR FRESH FOOD PRODUCTS AND A METHOD OF MANUFACTURE

(71) GenieUs Genomics Pty Ltd
(21) 2024902912 (22) 13.09.2024
(54) Chitinase antisense oligonucleotides

Glasson, N.D. see Meier, J.M.
(21) 2024902894

(71) GRAINS RESEARCH & DEVELOPMENT CORPORATION
(21) 2024902958 (22) 17.09.2024
(54) Method of applying an insecticide

(71) HALIDON PTY. LTD.
(21) 2024902906 (22) 12.09.2024
(54) Improved fence design

Heng, B. see Loo, C.L.
(21) 2024902940

(71) Higgins, C.
(21) 2024902936 (22) 14.09.2024
(54) Distributed Ledger, Distributed Ledger Computing Platforms and Associated Methods, Systems and Devices

(71) Hydrobe Pty Ltd
(21) 2024902957 (22) 17.09.2024
(54) Bioreactor

(71) IDAMCO AUSTRALIA PTY LTD
(21) 2024902884 (22) 11.09.2024
(54) A FLOOR & END WALLS FOR CANE BINS

(71) IDAMCO AUSTRALIA PTY LTD
(21) 2024902885 (22) 11.09.2024
(54) CANE BIN LIFTING SYSTEM

(71) Illinois Tool Works Inc.
(21) 2024902947 (22) 16.09.2024
(54) Bracket

(71) Illinois Tool Works Inc.
(21) 2024902967 (22) 17.09.2024
(54) Threaded reinforcing bar

(71) INNOVATIVE CONCEPTS VIC. PTY LTD
(21) 2024902911 (22) 13.09.2024
(54) DRAINAGE FITTING

(71) Innovgas Pty Ltd
(21) 2024902942 (22) 16.09.2024
(54) DISPOSABLE OXYGEN FACE MASK

ISABELA ALVES DE CASTRO see CAMP-BELL MCNICOLL
(21) 2024902941

Jonlo Engineering Pty Ltd see Peake, S.
(21) 2024902862

(71) Knotwood Pty Ltd
(21) 2024901240 (22) 01.05.2024
(54) A JOINER AND METHOD OF USE THEREOF

(71) Lazer Safe Pty Ltd
(21) 2024902882 (22) 11.09.2024
(54) MONITORING SYSTEM AND METHODS

(71) Lee, S.
(21) 2024902969 (22) 17.09.2024
(54) A Mobile Application for Protecting Users from SMS Scams Using API

(71) Lindo Technology Group Pty Ltd
(21) 2024902921 (22) 13.09.2024
(54) Light delivery apparatus

(71) Lindo Technology Group Pty Ltd
(21) 2024902924 (22) 13.09.2024
(54) Light collection apparatus and method

(71) Loo, C.L.; Heng, B.
(21) 2024902940 (22) 15.09.2024
(54) Solidified soy sauce mould into button shape sizes through freeze drying or dehydrating methods

(71) Macdonald, J.
(21) 2024902864 (22) 11.09.2024
(54) Low atmosphere aerosol and weather measurement device

(71) Macquarie University
(21) 2024902856 (22) 10.09.2024
(54) RNA SENSOR

(71) Macquarie University
(21) 2024902883 (22) 11.09.2024
(54) Biomarker for neurodegenerative disorders

(71) Macquarie University
(21) 2024902905 (22) 12.09.2024
(54) Compounds for reducing methane emissions in ruminants

(71) Magik Co Pty Ltd
(21) 2024902923 (22) 13.09.2024
(54) Food Container

(71) Magorwa, T.
(21) 2024902933 (22) 13.09.2024
(54) The invention is similar to on-demand services but cleaning, Cleaners are in the car with all equipment and product waiting for the customer to click on the app and the cleaner will be on the way.

(71) Manuflo Pty Ltd
(21) 2024902903 (22) 12.09.2024
(54) Concrete batching additive control system & method

(71) McHugh, J.
(21) 2024902901 (22) 12.09.2024
(54) 3D PRINTED SCAFFOLD IMPLANT AND A METHOD FOR MANDIBULAR RECONSTRUCTION

Provisional Applications Filed - Name Index cont'd

(71) Meier, J.M.; Glasson, N.D.; Clauss, J.Y.
(21) 2024902894 (22) 12.09.2024
(54) PRESSURE WAVE GENERATOR

(71) MICHAU, R.
(21) 2024902891 (22) 12.09.2024
(54) A PROPULSION DEVICE

(71) Micropace Pty. Ltd.
(21) 2024902951 (22) 16.09.2024
(54) MULTI CONNECTOR ECG LEAD
DEVICE FOR ENHANCED CARDIAC
MONITORING

(71) Monash University
(21) 2024902881 (22) 11.09.2024
(54) INHIBITORS OF AMINOPEPTIDASE

(71) Mu, W.
(21) 2024902796 (22) 04.09.2024
(54) Japanese nuclear wastewater treat-
ment program uses tools

(71) Mu, W.
(21) 2024902913 (22) 13.09.2024
(54) TREATMENT SOLUTIONS OF THE
POLLUTED SEA WATER

(71) Multotec Pty Ltd
(21) 2024902920 (22) 13.09.2024
(54) Screen, screen assembly and screen-
ing apparatus

(71) Novalith Technologies Pty Ltd
(21) 2024902925 (22) 13.09.2024
(54) Aqueous-organic mixtures for lithium
carbonate production

(71) Novalith Technologies Pty Ltd
(21) 2024902926 (22) 13.09.2024
(54) Use of high-boiling organic solvents for
lithium carbonate extraction from silic-
ates

(71) Novalith Technologies Pty Ltd
(21) 2024902927 (22) 13.09.2024
(54) Lithium carbonate production

(71) NTHALMIC HOLDING PTY LTD
(21) 2024902865 (22) 11.09.2024
(54) Dynamic Orthokeratology

(71) NTHALMIC HOLDING PTY LTD
(21) 2024902867 (22) 11.09.2024
(54) On Eye Imaging of Contact Lenses

(71) NTHALMIC HOLDING PTY LTD; Zhong
Jing Wei Shi (Suzhou) Optical Techno-
logy Ltd.

(21) 2024902869 (22) 11.09.2024
(54) AIR PUFF DEVICE TO TREAT MEIBO-
MIAN GLAND DEFICIENCIES

(71) NV Innovations PTY LTD
(21) 2024902902 (22) 12.09.2024
(54) Handling assembly and methods of us-
ing said handling assembly.

(71) OncoRes Medical Pty Ltd
(21) 2024902859 (22) 10.09.2024
(54) A SYSTEM AND METHOD FOR ES-
TIMATING A LOAD ON AN ACTUAT-
OR

(71) Osteo-X Pty Ltd
(21) 2024902952 (22) 16.09.2024
(54) FIXATION ARRANGEMENT FOR IN-
TRAMEDULLARY NAIL

(71) Pagaduan, J.; Cacho, G.
(21) 2024902910 (22) 13.09.2024
(54) 0.1 Hz Transcranial Pulsed Current
Stimulation Device

(71) Palla, P.
(21) 2024902918 (22) 13.09.2024
(54) Paintbrush Storage Device

(71) Pask, N.
(21) 2024902854 (22) 10.09.2024
(54) A Construction System and Method of
Use Thereof

(71) Peake, S.; Jonlo Engineering Pty Ltd
(21) 2024902862 (22) 11.09.2024
(54) High-Entropy Superconducting Met-
al-Organic Framework (MOF) Composite
and Method of Synthesis

(71) Peake, S.
(21) 2024902863 (22) 11.09.2024
(54) Method for Abiotic Hydrocarbon Syn-
thesis and Clean-Burning Fuel Produc-
tion

(71) Peter MacCallum Cancer Institute
(21) 2024902868 (22) 11.09.2024
(54) Pharmaceutical Formulations and Uses
Thereof

(71) Pewee, O.
(21) 2024902928 (22) 13.09.2024
(54) System and Method for Digital Receipt
Generation, Storage, and Processing at
Point-of-Sale Terminals

(71) Prism Surgical Designs Pty Ltd
(21) 2024902879 (22) 11.09.2024
(54) SPINAL IMPLANT HOLDER AND
MEDICAL DEVICE FOR INSERTING
AN ARTIFICIAL VERTEBRAL DISC

(71) Psychae Therapeutics Pty Ltd
(21) 2024902960 (22) 17.09.2024
(54) BOTANICAL PREPARATIONS RE-
LATED TO AYAHUASCA AND ASSO-
CIATED PRODUCTS AND METHODS

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2024902892

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2024902892 (22) 12.09.2024
(54) HEADGEAR STRAP FOR A PATIENT
INTERFACE

(71) Samuel Macdessi; Darren Chen
(21) 2024902893 (22) 12.09.2024
(54) Coupling device for surgery

(71) Scolaro, A.
(21) 2024902937 (22) 15.09.2024
(54) A Power Drive

(71) Scott, P.; Deignan, T.
(21) 2024902899 (22) 12.09.2024
(54) Improved Golf Club Head and Golf Club
System

(71) Secura Co Pty Ltd
(21) 2024902914 (22) 13.09.2024
(54) Parcel Box

(71) Seradex Limited
(21) 2024901158 (22) 24.04.2024
(54) Composition

(71) SPENCER, L.
(21) 2024902946 (22) 16.09.2024
(54) TREE NET ARRANGEMENT

(71) Stapleton, G.
(21) 2024902873 (22) 11.09.2024
(54) ARCHITRAVE MEASUREMENT TOOL

(71) Sterpin Motor Company Pty Ltd
(21) 2024902866 (22) 11.09.2024
(54) ENHANCED ROTARY FLUID FLOW
MACHINE

(71) Stratco (Australia) Pty Limited
(21) 2024902922 (22) 13.09.2024
(54) CONCEALED ROOF CLIP AND AS-
SEMBLY

Provisional Applications Filed - Name Index cont'd

(71) Taylor, D.
 (21) 2024902889 (22) 11.09.2024
 (54) An exercise machine

(71) Team Pickleball Australia Pty Ltd
 (21) 2024902931 (22) 13.09.2024
 (54) To produce a USA approved (or not) pickleball paddle for kids and adults that has translucent (clear) layers except for the inner core of the paddle. At present, all paddles are not 'see through' and only the outer layer can be seen. The materials that will be translucent will include and are not limited to fiber glass, graphite, carbon fiber, composite material, polymer, aluminium and titanium. The inner core which will not be translucent will be a lightweight material such as and not limited to wood, foam, polymer, Nomex and aluminium mimicking a honeycomb structure. refer doc

(71) Team Pickleball Australia Pty Ltd
 (21) 2024902932 (22) 13.09.2024
 (54) Patent on sweet spot (hot spot) on pickleball paddles. This concept works on the idea of touch-sensitive material and surfaces. Basically, when a pickleball is hit with a paddle, the small area of the non-compressing plastic ball that touches the paddle will light up on a small area of the paddle. Different parts of the paddle that are hit will light up a different colour reflecting the distance away from the sweet spot. The aim is for the participant to be able to see when and how many times they hit the sweet spot (optimum position of the paddle in the middle of the paddle giving best shot

(71) Technological Resources Pty. Limited
 (21) 2024902961 (22) 17.09.2024
 (54) A HEAP LEACH PROCESS

(71) Technological Resources Pty Ltd
 (21) 2024902919 (22) 13.09.2024
 (54) ORE PROCESS CONTROL SYSTEM

(71) Tefaye, J.
 (21) 2024902886 (22) 11.09.2024
 (54) Ransomware Gone

(71) The Florey Institute of Neuroscience and Mental Health
 (21) 2024902904 (22) 12.09.2024
 (54) VIRAL VECTORS

(71) THERMAPOWER PTY LTD
 (21) 2024902900 (22) 12.09.2024
 (54) AN ENERGY STORAGE APPARATUS

The University of Newcastle see The University of Sydney
 (21) 2024902949

(71) The University of Queensland
 (21) 2024902880 (22) 11.09.2024
 (54) Microfibrillated cellulose from non-wood plant biomass

(71) The University of Sydney; The University of Newcastle
 (21) 2024902949 (22) 16.09.2024
 (54) Organic semiconductor compositions

(71) Tweed Shire Council
 (21) 2024902890 (22) 11.09.2024
 (54) Improvement to biological phosphorus removal processes

(71) VEISMANE, A.
 (21) 2024902945 (22) 16.09.2024
 (54) Electric Flooring Jack with Spiral Bevel Gearbox System for Compressing Floorboards.

(71) WAE Technologies Australia Pty Ltd
 (21) 2024902888 (22) 11.09.2024
 (54) End effector for autonomous electric vehicle charging

(71) Wallis, D.
 (21) 2024902955 (22) 17.09.2024
 (54) Security Cabinet

(71) Willis Engineering Pty Ltd
 (21) 2024902948 (22) 16.09.2024
 (54) A WATER CART

Young, B. see Fairleigh, J.
 (21) 2024902896

(71) Zero Point Energy Engineers Pty Ltd
 (21) 2024902959 (22) 17.09.2024
 (54) An engine

(71) Zetifi Pty Ltd
 (21) 2024902874 (22) 11.09.2024
 (54) AN ANTENNA SYSTEM AND VEHICLE

Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd. see NTHALMIC HOLDING PTY LTD
 (21) 2024902869

Numerical Index

2024901158	Seradex Limited	2024902921	Lindo Technology Group Pty Ltd
2024901240	Knotwood Pty Ltd	2024902922	Stratco (Australia) Pty Limited
2024902796	Mu, W.	2024902923	Magik Co Pty Ltd
2024902824	Blairstown Developments Pty Ltd	2024902924	Lindo Technology Group Pty Ltd
2024902854	Pask, N.	2024902925	Novalith Technologies Pty Ltd
2024902856	Macquarie University	2024902926	Novalith Technologies Pty Ltd
2024902859	OncoRes Medical Pty Ltd	2024902927	Novalith Technologies Pty Ltd
2024902862	Peake, S.; Jonlo Engineering Pty Ltd	2024902928	Pewee, O.
2024902863	Peake, S.	2024902929	Cahejo Pty Ltd
2024902864	Macdonald, J.	2024902930	Diva Investments Pty Ltd
2024902865	NTHALMIC HOLDING PTY LTD	2024902931	Team Pickleball Australia Pty Ltd
2024902866	Sterpin Motor Company Pty Ltd	2024902932	Team Pickleball Australia Pty Ltd
2024902867	NTHALMIC HOLDING PTY LTD	2024902933	Magorwa, T.
2024902868	Peter MacCallum Cancer Institute	2024902935	CONTRIXUS PTY LTD
2024902869	NTHALMIC HOLDING PTY LTD; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.	2024902936	Higgins, C.
2024902870	Clearburgh Proprietary Limited	2024902937	Scolaro, A.
2024902871	AEM Cores Pty Ltd	2024902938	CAP-XX Limited
2024902872	AEM Cores Pty Ltd	2024902939	Analytical Models Pty. Ltd.
2024902873	Stapleton, G.	2024902940	Loo, C.L.; Heng, B.
2024902874	Zetifi Pty Ltd	2024902941	CAMPBELL MCNICOLL; ISABELA ALVES DE CASTRO
2024902875	Acrow Formwork & Scaffolding Pty Ltd	2024902942	Innovgas Pty Ltd
2024902876	DataDot Technology Limited	2024902943	Bend-tech Investments 1 Pty Ltd
2024902877	DataDot Technology Limited	2024902944	Cost-Bry Pty Ltd (trading as BiomeBank)
2024902878	DataDot Technology Limited	2024902945	VEISMANE, A.
2024902879	Prism Surgical Designs Pty Ltd	2024902946	SPENCER, L.
2024902880	The University of Queensland	2024902947	Illinois Tool Works Inc.
2024902881	Monash University	2024902948	Willis Engineering Pty Ltd
2024902882	Lazer Safe Pty Ltd	2024902949	The University of Sydney; The University of Newcastle
2024902883	Macquarie University	2024902950	Butler, c.
2024902884	IDAMCO AUSTRALIA PTY LTD	2024902951	Micropace Pty. Ltd.
2024902885	IDAMCO AUSTRALIA PTY LTD	2024902952	Osteo-X Pty Ltd
2024902886	Tefaye, J.	2024902953	Curran, B.
2024902887	Backtech Pty Ltd	2024902954	Annex Products Pty Ltd
2024902888	WAE Technologies Australia Pty Ltd	2024902955	Wallis, D.
2024902889	Taylor, D.	2024902956	Boat Wings Pty Ltd
2024902890	Tweed Shire Council	2024902957	Hydrobe Pty Ltd
2024902891	MICHAU, R.	2024902958	GRAINS RESEARCH & DEVELOPMENT CORPORATION
2024902892	ResMed Pty Ltd; ResMed Asia Pte. Ltd.	2024902959	Zero Point Energy Engineers Pty Ltd
2024902893	Samuel Macdessi; Darren Chen	2024902960	Psychae Therapeutics Pty Ltd
2024902894	Meier, J.M.; Glasson, N.D.; Clauss, J.Y.	2024902961	Technological Resources Pty. Limited
2024902895	Australian National University	2024902962	Ant Engineering Pty Ltd
2024902896	Fairleigh, J.; Young, B.	2024902967	Illinois Tool Works Inc.
2024902897	Commonwealth Scientific and Industrial Research Organisation	2024902969	Lee, S.
2024902898	Australian National University		
2024902899	Scott, P.; Deignan, T.		
2024902900	THERMAPOWER PTY LTD		
2024902901	McHugh, J.		
2024902902	NV Innovations PTY LTD		
2024902903	Manuflo Pty Ltd		
2024902904	The Florey Institute of Neuroscience and Mental Health		
2024902905	Macquarie University		
2024902906	HALIDON PTY. LTD.		
2024902907	Crnokrak, M.		
2024902908	Connewarre Energy Pty Limited		
2024902909	FOODSTREAM PTY LTD		
2024902910	Pagaduan, J.; Cacho, G.		
2024902911	INNOVATIVE CONCEPTS VIC. PTY LTD		
2024902912	GenieUs Genomics Pty Ltd		
2024902913	Mu, W.		
2024902914	Secura Co Pty Ltd		
2024902915	CONVERGENCE MEDICAL PTY LTD		
2024902916	FLOATING ESKY PTY LTD		
2024902917	CONVERGENCE MEDICAL PTY LTD		
2024902918	Palla, P.		
2024902919	Technological Resources Pty Ltd		
2024902920	Multotec Pty Ltd		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 10 Sep 2024 .

. (*) Title not in Roman characters

. (**) Title not given

(71) 8 Rivers Capital, LLC (21) 2024219759 (22) 16.09.2024 (54) Control systems and methods suitable for use with power production systems and methods	(71) Alkahest, Inc. (21) 2024219765 (22) 16.09.2024 (54) Blood plasma fractions as a treatment for aging-associated cognitive disorders	(71) Applied Medical Resources Corporation (21) 2024219603 (22) 11.09.2024 (54) Natural orifice surgery system
(71) Abbott Laboratories (21) 2024219797 (22) 17.09.2024 (54) Methods for aiding in the hyperacute diagnosis and determination of traumatic brain injury in a human subject using early biomarkers	(71) Allergenis LLC; Icahn School of Medicine at Mount Sinai (21) 2024219650 (22) 12.09.2024 (54) Peptides and methods for detecting peanut allergies	(71) Applied Medical Resources Corporation (21) 2024219615 (22) 11.09.2024 (54) Advanced surgical simulation constructions and methods
(71) ADAGENE INC. (21) 2024219607 (22) 11.09.2024 (54) ACTIVATABLE ANTIBODIES AND METHODS OF MAKING AND USING THEREOF	(71) allouche, s. (21) 2024219673 (22) 12.09.2024 (54) "FOREVER QURAN PAPER" recycling qurans and treating the papers to reproduce new qurans. to renew the lifecycle of the quran. treat and reuse paper for qurans	(71) Aragon Pharmaceuticals, Inc. (21) 2024219755 (22) 16.09.2024 (54) Anti-androgens for the treatment of non-metastatic castration-resistant prostate cancer
(71) ADS Therapeutics LLC (21) 2024219639 (22) 12.09.2024 (54) COMPOSITIONS AND METHODS OF USING NINTEDANIB FOR TREATING OCULAR DISEASES WITH ABNORMAL NEOVASCULARIZATION	(71) Alloy Steel Australia (Int) Pty Ltd (21) 2024219658 (22) 12.09.2024 (54) APPARATUS AND METHOD FOR MONITORING A WEAR LINER	(71) ARCULUS HOLDINGS, LLC (21) 2024219590 (22) 11.09.2024 (54) DEVICES, SYSTEMS, AND METHODS FOR PUBLIC/PRIVATE KEY AUTHENTICATION
(71) Advanced Bariatric Technology, LLC (21) 2024219729 (22) 13.09.2024 (54) Bariatric clamp with suture portions, magnetic inserts and curvature	(71) Alnylam Pharmaceuticals, Inc. (21) 2024219618 (22) 11.09.2024 (54) Oligonucleotide-ligand conjugates and process for their preparation	(71) Aristocrat Technologies, Inc. (21) 2024219600 (22) 11.09.2024 (54) ELECTRONIC GAMING OPERATIONS HAVING MULTIPLE ROUNDS OF FEATURE GAMES WHEN TRIGGERED
(71) Air Products and Chemicals, Inc. (21) 2024219683 (22) 13.09.2024 (54) PROCESS AND APPARATUS FOR COMPRESSING HYDROGEN GAS IN A HYBRID COMPRESSION SYSTEM	(71) Anduril Industries, Inc. (21) 2024219595 (22) 11.09.2024 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS	(71) Aristocrat Technologies, Inc. (21) 2024219601 (22) 11.09.2024 (54) ELECTRONIC GAME FOR RECREATING OUTCOMES USING DIFFERENT FEATURES
(71) Alcolizer Pty Ltd (21) 2024219735 (22) 13.09.2024 (54) A mind-altering substance testing system	(71) Anuncia, Inc (21) 2024219776 (22) 16.09.2024 (54) Systems and methods for shunting fluid	(71) Aristocrat Technologies, Inc. (21) 2024219602 (22) 11.09.2024 (54) SYSTEMS AND METHODS FOR ACTIVATING AND DISPLAYING FEATURES IN PLAYER-VERSUS-PLAYER MATCHUPS
(71) Alcresta Therapeutics, Inc. (21) 2024219568 (22) 10.09.2024 (54) Devices and methods for the preparation of a nutritional formula	(71) Appell, T. (21) 2024219779 (22) 17.09.2024 (54) Traction Pad With Integrated Ramped Kick Tail	(71) Aristocrat Technologies Australia Pty Ltd (21) 2024219806 (22) 17.09.2024 (54) GAMING DEVICE WITH ADDITIONAL-PRIZE AWARDS DURING HOLD AND SPIN FEATURE
(71) Alexion Pharmaceuticals, Inc. (21) 2024219698 (22) 13.09.2024 (54) Lyophilized formulations for factor Xa antidote	(71) APPLE INC. (21) 2024219585 (22) 11.09.2024 (54) Systems, methods, and graphical user interfaces for updating display of a device relative to a user's body	(71) Arvinas Operations, Inc.; Yale University (21) 2024219653 (22) 12.09.2024 (54) POLYCYCLIC COMPOUNDS AND METHODS FOR THE TARGETED DEGRADATION OF RAPIDLY ACCEL-

Complete Applications Filed - Name Index cont'd

ERATED FIBROSARCOMA POLY-
PEPTIDES

(71) AstraZeneca UK Limited; Daiichi
Sankyo Company, Limited
(21) 2024219803 (22) 17.09.2024
(54) A SCORING METHOD FOR AN ANTI-
HER2 ANTIBODY-DRUG CONJUGATE
THERAPY

(71) Astura Medical Inc.
(21) 2024219687 (22) 13.09.2024
(54) Multi-axial occipital plate

(71) Aussie Wine Group Holdings Pty Ltd
(21) 2024219641 (22) 12.09.2024
(54) SEPARATOR FOR A GRAPE COLLEC-
TION UNIT

(71) AXON ENTERPRISE, INC.
(21) 2024219669 (22) 12.09.2024
(54) Expandable Bumper For An Electrode

(71) BAKNER MANUFACTURING, LLC
(21) 2024219606 (22) 11.09.2024
(54) APPAREL ARTICLE WITH TEX-
TURED GRIP

(71) BASF SE
(21) 2024219620 (22) 11.09.2024
(54) Herbicidal mixtures comprising l-glufos-
inate and their use in canola cultures

(71) BioXcel Therapeutics, Inc.
(21) 2024219731 (22) 13.09.2024
(54) Use of sublingual Dexmedetomidine for
the treatment of agitation

(71) Blazley, W.
(21) 2024219718 (22) 11.09.2024
(54) SHEET METAL FLOOR JOIST

(71) Boston Scientific Scimed, Inc.
(21) 2024219586 (22) 11.09.2024
(54) Electrosurgical tip

(71) BOYIJUN RESOURCES (HK) LIMITED
(21) 2024219738 (22) 13.09.2024
(54) AN INTELLIGENT OPERATION TECH-
NOLOGY PLATFORM FOR GLOBAL
COMMODITIES

(71) Brian Clifford Arthur Bruce
(21) 2024219668 (22) 12.09.2024
(54) Soft suspension railway bogie

(71) Bruin Biometrics LLC
(21) 2024219719 (22) 13.09.2024

(54) Apparatus and methods for determin-
ing damaged tissue using sub-epiderm-
al moisture measurements

(71) C3.ai, Inc.
(21) 2024219617 (22) 11.09.2024
(54) SYSTEMS AND METHODS FOR ANTI-
MONEY LAUNDERING ANALYSIS

(71) CATERPILLAR INC.
(21) 2024219707 (22) 13.09.2024
(54) METHOD FOR DETERMINING MA-
CHINE PERFORMANCE DURING
AUTONOMOUS OPERATION

(71) CAVH LLC
(21) 2024219749 (22) 16.09.2024
(54) Systems and methods for driving intelli-
gence allocation between vehicles and
highways

(71) CDRD Ventures Inc.
(21) 2024219610 (22) 11.09.2024
(54) Somatostatin receptor antagonist com-
pounds and methods of using the same

**Centre National de la Recherche Scienti-
fique see Etablissement Francais du Sang**
(21) 2024219771

(71) Chan, H.; Cheng, S.; MEYER INTEL-
LECTUAL PROPERTIES LIMITED
(21) 2024219604 (22) 11.09.2024
(54) COOKWARE VESSEL WITH REMOV-
ABLE HANDLE

Cheng, S. see Chan, H.
(21) 2024219604

(71) Children's Medical Center Corporation
(21) 2024219780 (22) 17.09.2024
(54) Compositions and methods for treating
or preventing catecholaminergic poly-
morphic ventricular tachycardia

(71) ClioTech Ltd
(21) 2024219720 (22) 13.09.2024
(54) Apparatus and method for generation of
an integrated data file

(71) CNH Industrial America LLC
(21) 2024219647 (22) 12.09.2024
(54) Deflector door for accessing a sieve of
a combine harvester having a seed mill

(71) Commonwealth Scientific and Industrial
Research Organisation
(21) 2024219767 (22) 16.09.2024
(54) Trait selection in avians

(71) CommScope Technologies LLC
(21) 2024219592 (22) 11.09.2024
(54) Indicia and method for identifying tele-
communications components

(71) Compugen Ltd.
(21) 2024219621 (22) 11.09.2024
(54) Anti-TIGIT antibodies, anti-PVRIG anti-
bodies and combinations thereof

(71) ConMed Corporation
(21) 2024219675 (22) 12.09.2024
(54) Uterine manipulator with balloon oc-
cluder

**Construction Research & Technology
GmbH see The Regents of The University
of California**
(21) 2024219804

(71) CRAYOLA LLC
(21) 2024219651 (22) 12.09.2024
(54) WAX-BASED DRY ERASE INK

(71) Crossford International, LLC
(21) 2024219763 (22) 16.09.2024
(54) Waterproofing of a Modular Head
Cleaning System

(71) Cugene Inc.
(21) 2024219567 (22) 10.09.2024
(54) Cytokine-based bioactivatable drugs
and methods of uses thereof

(71) Culleton, W.
(21) 2024219560 (22) 10.09.2024
(54) Global Business Tools (GBT) Business
Management System - a method for im-
proved business performance and col-
laboration between department man-
agers to achieve company objectives

(71) Cummins Power Generation Inc.
(21) 2024219733 (22) 13.09.2024
(54) System and method for controlling fuel
substitution in a dual fuel engine sys-
tem

**Daiichi Sankyo Company, Limited see As-
traZeneca UK Limited**
(21) 2024219803

(71) Daniels Manufacturing Co.
(21) 2024219636 (22) 11.09.2024
(54) LIVESTOCK SQUEEZE CUTE

(71) DeepMind Technologies Limited
(21) 2024219694 (22) 13.09.2024

Complete Applications Filed - Name Index cont'd

(54) NEURAL NETWORKS WITH DISTRIBUTED PATH COMPOSITION

(71) Deere & Company
(21) 2024219689 (22) 13.09.2024
(54) Fan blade for a sugarcane harvester extractor

(71) Dental Robotics Group B.V.
(21) 2024219571 (22) 10.09.2024
(54) Method of manufacturing a pressure chamber of a dental mouthpiece, and mouthpiece thereby manufactured

(71) Dental Robotics Group B.V.
(21) 2024219626 (22) 11.09.2024
(54) Method of manufacturing a recess wall lined with bristles for a mouthpiece for simultaneously brushing at a plurality of dental positions, and a recess wall and mouthpiece obtained with the method; and dental cleaning device; and mouthpiece for brushing at a plurality of dental positions, brushing device comprising such mouthpiece, and method of operating such a mouthpiece or brushing device

(71) DePuy Synthes Products, Inc.
(21) 2024219570 (22) 10.09.2024
(54) Self-retaining nail to insertion handle interface

(71) Diogenes Limited
(21) 2024219742 (22) 13.09.2024
(54) Wagering apparatus, methods and systems

(71) Dolby International AB
(21) 2024219670 (22) 12.09.2024
(54) Audio encoder and decoder

(71) Dongguan Polyfilm Plastic Products Company Limited
(21) 2024219782 (22) 17.09.2024
(54) Connector and floating device

(71) DRILL RIG SPARES PTY LTD
(21) 2024219700 (22) 13.09.2024
(54) SYSTEM AND METHOD FOR PROCESSING DRILLING MUD

(71) E2 IP Holding LLC
(21) 2024219686 (22) 13.09.2024
(54) APPARATUS, SYSTEMS, AND METHODS FOR PROVIDING A RAPID THRESHOLD AMOUNT OF POWER TO A CUSTOMER LOAD DURING TRANSFER BETWEEN A PRIMARY POWER SUPPLY AND A SECONDARY POWER SUPPLY

(71) EConcrete Tech Ltd
(21) 2024219741 (22) 13.09.2024
(54) Interlocking ecological armoring units and uses thereof in forming a coastal barrier

ELI LILLY AND COMPANY see KeyBioscience SA
(21) 2024219572

(71) ELI LILLY AND COMPANY
(21) 2024219783 (22) 17.09.2024
(54) LONG-ACTING AMYLIN RECEPTOR AGONISTS AND USES THEREOF

(71) Else Nutrition GH Ltd
(21) 2024219722 (22) 13.09.2024
(54) Non-dairy formulae

(71) Elypta AB
(21) 2024219766 (22) 16.09.2024
(54) Cancer biomarkers

(71) Envisia Therapeutics, Inc
(21) 2024219575 (22) 10.09.2024
(54) IMPLANT APPLICATORS

(71) Epizyme, Inc.
(21) 2024219786 (22) 17.09.2024
(54) Methods of using EHMT2 inhibitors in immunotherapies

(71) Etablissement Francais du Sang; INSERM (Institut National de la Sante et de la Recherche Medicale); Centre National de la Recherche Scientifique; Institut de Radioprotection et de Sûreté Nucléaire; Sorbonne Université; Université Paris-Saclay
(21) 2024219771 (22) 16.09.2024
(54) Methods of improving hematopoietic grafts

(71) Eteknology Pty Ltd
(21) 2024219671 (22) 12.09.2024
(54) Platform Module

ETH Zuerich see F. Hoffmann-La Roche AG
(21) 2024219640

(71) EVAH Atlantic Inc.
(21) 2024219690 (22) 13.09.2024
(54) Dihydroisoxazole compound for use in reducing ectoparasite infestations on fish

(71) Evans, R.
(21) 2024219750 (22) 16.09.2024

(54) Slow feeder Hay Hoodie / Hay Hoodie / Slow Feeder / Hay Cover / Bale protection feeding system

(71) EVE Hydrogen Energy Co., LTD.
(21) 2024219667 (22) 12.09.2024
(54) NITROGEN-CONTAINING COMPOUNDS AND PREPARATION METHOD THEREOF, ANIONIC RESIN, AND ANIONIC EXCHANGE MEMBRANE

(71) EVE Hydrogen Energy Co., LTD.
(21) 2024219721 (22) 13.09.2024
(54) NITROGEN-CONTAINING MULTICOMPONENT COPOLYMER, MANUFACTURING METHOD THEREOF, ANIONIC RESIN, AND ANION EXCHANGE MEMBRANE

(71) Evolved By Nature, Inc.
(21) 2024219582 (22) 10.09.2024
(54) Silk-hyaluronic acid based tissue fillers and methods of using the same

(71) Evoqua Water Technologies LLC
(21) 2024219760 (22) 16.09.2024
(54) Simultaneous nitrification/denitrification (SNDN) in sequencing batch reactor applications

Exact Sciences Corporation see Mayo Foundation for Medical Education and Research
(21) 2024219684

(71) F. Hoffmann-La Roche AG; ETH Zuerich
(21) 2024219640 (22) 12.09.2024
(54) Novel pyridine and pyrazine compounds as inhibitors of cannabinoid receptor 2

(71) F. Hoffmann-La Roche AG
(21) 2024219677 (22) 12.09.2024
(54) Imputation of data using contextual information

(71) F&P Tech Fitness Limited
(21) 2024219709 (22) 13.09.2024
(54) An Exercise Device

(71) Fisher & Paykel Healthcare Limited
(21) 2024219642 (22) 12.09.2024
(54) SUBSTANCE DELIVERY ARRANGEMENT FOR GAS THERAPY DEVICE

(71) Fisher & Paykel Healthcare Limited
(21) 2024219792 (22) 17.09.2024
(54) HEADGEAR FOR A RESPIRATORY MASK

Complete Applications Filed - Name Index cont'd

(71) Fisher & Paykel Healthcare Limited
(21) 2024219793 (22) 17.09.2024
(54) RESPIRATORY MASK SYSTEM

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024219581 (22) 10.09.2024
(54) FLOW MIXERS FOR RESPIRATORY THERAPY SYSTEMS

(71) FMI BUILDING INNOVATION LIMITED
(21) 2024219704 (22) 13.09.2024
(54) IMPROVED HINGE FOR FOLDING LEAF SYSTEMS

(71) Fresenius Medical Care Holdings, Inc.
(21) 2024219772 (22) 16.09.2024
(54) Rotary valves for dialysis systems

(71) Genentech, Inc.
(21) 2024219664 (22) 12.09.2024
(54) Immunoglobulin A antibodies and methods of production and use

(71) Genmab A/S
(21) 2024219631 (22) 11.09.2024
(54) Anti-tissue factor antibody-drug conjugates and their use in the treatment of cancer

(71) Geomni, Inc.
(21) 2024219605 (22) 11.09.2024
(54) Systems and methods for improved parametric modeling of structures

(71) Geomni, Inc.
(21) 2024219725 (22) 13.09.2024
(54) Computer vision systems and methods for automatically detecting, classifying, and pricing objects captured in images or videos

(71) Geovert Ground Engineering Pty Ltd
(21) 2024219665 (22) 12.09.2024
(54) A BRACKET FOR A LATTICE CONSTRUCTION TOWER FOUNDATION

(71) Gilead Sciences, Inc.
(21) 2024219711 (22) 13.09.2024
(54) PD-1/PD-L1 inhibitors

(71) GI Scientific, LLC
(21) 2024219632 (22) 11.09.2024
(54) Conductive optical element

(71) Green K-Farm Co., Ltd; Park, S.W.
(21) 2024219594 (22) 11.09.2024

(54) APPARATUS FOR ADJUSTING VERTICAL SPACINGS BETWEEN PLANT CULTIVATION UNITS AND GUTTER HOLDERS MOVABLE UP AND DOWN

(71) HALLIBURTON ENERGY SERVICES, INC.
(21) 2024219723 (22) 13.09.2024
(54) MULTI-FIBER SENSING TOPOLOGY FOR SUBSEA WELLS

(71) Hemosonics, LLC
(21) 2024219744 (22) 14.09.2024
(54) DISPOSABLE SYSTEM FOR ANALYSIS OF HEMOSTATIC FUNCTION

(71) Hendricks Corp. Pte. Ltd.
(21) 2024219566 (22) 10.09.2024
(54) A multi-camera object tracking system and a method of operating a multi-camera object tracking system

(71) Hendricks Corp. Pte. Ltd.
(21) 2024219628 (22) 11.09.2024
(54) A natural language video analytics system and a method of processing one or more natural language video analytics commands

(71) Hendricks Corp. Pte. Ltd.
(21) 2024219697 (22) 13.09.2024
(54) Drive-through service monitoring system and method

(71) HILL'S PET NUTRITION, INC.
(21) 2024219801 (22) 17.09.2024
(54) PET FOOD COMPOSITIONS

(71) Hirotaro Fukuoka
(21) 2024219679 (22) 12.09.2024
(54) Pharmaceutical composition for use in increasing hair, modifying scalp or skin, healing a wound, promoting osteogenesis, or modifying hair

(71) Hitachi, Ltd.
(21) 2024219660 (22) 12.09.2024
(54) DATA MANAGEMENT SYSTEM AND PREDICTION METHOD

(71) HONEYWELL INTERNATIONAL INC.
(21) 2024219732 (22) 13.09.2024
(54) Context discovery system and method

(71) HOVER Inc.
(21) 2024219616 (22) 11.09.2024
(54) Generating and validating a virtual 3D representation of a real-world structure

(71) Howmedica Osteonics Corp.
(21) 2024219791 (22) 17.09.2024
(54) HUMERAL RECONSTRUCTION SYSTEM AND METHODS OF USE

(71) Huawei Technologies Co., Ltd.
(21) 2024219608 (22) 11.09.2024
(54) PDU TRANSMISSION METHOD AND RELATED APPARATUS

(71) Huawei Technologies Co., Ltd.
(21) 2024219622 (22) 11.09.2024
(54) COMMUNICATION METHOD, DEVICE AND SYSTEM

(71) Huawei Technologies Co., Ltd.
(21) 2024219747 (22) 16.09.2024
(54) SIGNALING SUBPICTURE IDS IN SUBPICTURE BASED VIDEO CODING

(71) Humax Co., Ltd.
(21) 2024219800 (22) 17.09.2024
(54) METHOD AND DEVICE FOR PROCESSING VIDEO SIGNAL BY USING PICTURE HEADER

Hurst, R. see Shaw, O.
(21) 2024219584

(71) Hurst, M.
(21) 2024219728 (22) 13.09.2024
(54) Formwork retainer

Icahn School of Medicine at Mount Sinai see Allergenis LLC
(21) 2024219650

(71) IGT
(21) 2024219710 (22) 13.09.2024
(54) EXTENSION GAMING AND SERVICES FOR MOBILE DEVICES IN A GAMING ENVIRONMENT

(71) Illinois Tool Works Inc.
(21) 2024219681 (22) 13.09.2024
(54) Low-Profile Deadbolt Assembly and Deadbolt Actuation Mechanism

(71) Illumina, Inc.
(21) 2024219589 (22) 11.09.2024
(54) Nucleic acid sequence analysis from single cells

(71) Incyte Corporation
(21) 2024219757 (22) 16.09.2024
(54) CRYSTALLINE FORMS OF A PHOSPHOINOSITIDE 3-KINASE (PI3K) INHIBITOR

Complete Applications Filed - Name Index cont'd

(71) Inno-Sports Co., Ltd
 (21) 2024219612 (22) 11.09.2024
 (54) AUTOMATICALLY LOCKABLE PIVOT-
 ING MECHANISM AND SLIDING
 MECHANISM, AND FRAME AND TA-
 BLE HAVING SAME

(71) Inovio Pharmaceuticals, Inc.
 (21) 2024219737 (22) 13.09.2024
 (54) Electroporation device with improved
 signal generator

**INSERM (Institut National de la Sante et de
 la Recherche Medicale) see Etablissement
 Francais du Sang**
 (21) 2024219771

(71) Insome Technologies(SZ) Co. Ltd.
 (21) 2024219685 (22) 13.09.2024
 (54) PREFABRICATED CONSTRUCTION
 STRUCTURE, PREFABRICATED
 MAIN STRUCTURE, AND PREFAB-
 RICATED BUILDING

**Institut de Radioprotection et de Sûreté
 Nucléaire see Etablissement Francais du
 Sang**
 (21) 2024219771

(71) Institut National de la Recherche Scien-
 tifique
 (21) 2024219662 (22) 12.09.2024
 (54) Production of low carbon footprint mag-
 nesia

(71) International Battery Metals, Ltd.
 (21) 2024219701 (22) 13.09.2024
 (54) MODULAR EXTRACTION APPARAT-
 US

(71) Invitae Corporation
 (21) 2024219712 (22) 13.09.2024
 (54) Interpretation of genetic and genomic
 variants via an integrated computa-
 tional and experimental deep mutational
 learning framework

(71) ISL, LLC
 (21) 2024219576 (22) 10.09.2024
 (54) Devices And Methods For Contacting
 Living Tissue

(71) Jemella Limited
 (21) 2024219627 (22) 11.09.2024
 (54) Training system and device

(71) Jiangsu Sanjo Intelligent Technology
 Co., Ltd.; Photon Robot (Ningbo) Co.,
 Ltd.
 (21) 2024219634 (22) 11.09.2024
 (54) PLASTIC BAG PULL-DOWN DEVICE
 FOR INTELLIGENT PACKAGING TOI-
 LET, AND INTELLIGENT PACKAGING
 TOILET

(71) Joy Global Underground Mining LLC
 (21) 2024219623 (22) 11.09.2024
 (54) Systems and methods for automated
 control of a beam stageloader bootend

(71) Joy Global Underground Mining LLC
 (21) 2024219625 (22) 11.09.2024
 (54) Systems and methods for automated
 control of a beam stageloader bootend

(71) JPL Global, LLC
 (21) 2024219787 (22) 17.09.2024
 (54) Circular saw apparatus with integrated
 multistage filtration system

(71) JUUL Labs, Inc.
 (21) 2024219730 (22) 13.09.2024
 (54) Devices and methods for cessation of
 nicotine addiction

(71) KeyBioscience SA; ELI LILLY AND
 COMPANY
 (21) 2024219572 (22) 10.09.2024
 (54) Dual Amylin And Calcitonin Receptor
 Agonists And Uses Thereof

(71) Komatsu Germany GmbH
 (21) 2024219659 (22) 12.09.2024
 (54) Crawler track for tracked vehicles

(71) Kumiai Chemical Industry Co., Ltd.
 (21) 2024219674 (22) 12.09.2024
 (54) Process for producing herbicide and in-
 termediate thereof

(71) La Jolla Pharma, LLC
 (21) 2024219656 (22) 12.09.2024
 (54) Compositions and methods for treating
 renal failure

(71) Learn and Grow Toys Pty Ltd
 (21) 2024219680 (22) 12.09.2024
 (54) MAGNETIC BUILDING TILES FOR
 CREATING TWO DIMENSIONAL AND
 THREE DIMENSIONAL STRUCTURES
 AND FLAT MAGNETIC TILES FOR
 DECORATING THE BUILDING TILES

(71) LG Electronics Inc.
 (21) 2024219593 (22) 11.09.2024
 (54) Refrigerator

(71) LG Electronics Inc.
 (21) 2024219644 (22) 12.09.2024
 (54) INDUCTION HEATING TYPE COOK-
 TOP WITH REDUCED THERMAL DE-
 FORMATION OF THIN FILM

(71) Limacorporate S.p.A.
 (21) 2024219614 (22) 11.09.2024
 (54) Augment element for prosthesis, in par-
 ticular for knee prosthesis

(71) LONE GULL HOLDINGS, LTD.
 (21) 2024219657 (22) 12.09.2024
 (54) RENEWABLE ENERGY DEVICE WITH
 LATERAL APERTURE WAVE-DRIVEN
 PROPULSION

(71) LUMITHERA, INC.
 (21) 2024219716 (22) 13.09.2024
 (54) MULTI-WAVELENGTH PHOTOTHER-
 APY DEVICES, SYSTEMS, AND
 METHODS FOR THE NON-INVASIVE
 TREATMENT OF DAMAGED OR DIS-
 EASED TISSUE

(71) Macdonald, J.
 (21) 2024219745 (22) 14.09.2024
 (54) A method to generate marine clouds
 for albedo cooling from boiled seawater
 and salt particle injection using ship
 waste heat recovery

(71) Mallinckrodt Pharmaceuticals Ireland
 Limited
 (21) 2024219613 (22) 11.09.2024
 (54) Method and apparatus for pulsatile de-
 livery of nitric oxide

(71) Manitou Italia S.r.l.
 (21) 2024219768 (22) 16.09.2024
 (54) Movement control device with double
 balancing

(71) Mayo Foundation for Medical Education
 and Research; Exact Sciences Corpor-
 ation
 (21) 2024219684 (22) 13.09.2024
 (54) Detecting prostate cancer

(71) Mayo Foundation for Medical Education
 and Research; Veracyte SD, Inc.
 (21) 2024219781 (22) 17.09.2024
 (54) Cancer diagnostics using biomarkers

(71) Maytronics Ltd.
 (21) 2024219714 (22) 13.09.2024
 (54) MOVABLE SUBMERGED INTERFACE
 FOR POOL EXIT

Complete Applications Filed - Name Index cont'd

(71) Maytronics Ltd.
(21) 2024219751 (22) 16.09.2024
(54) SUBMERGED POOL RELATED PLAT-
FORM WITH A CONTROLLABLE JET
FLUID UNIT

(71) Merlo Project S.r.l.
(21) 2024219597 (22) 11.09.2024
(54) MULTIFUNCTIONAL LIFTING
VEHICLE AND RELATIVE MIXED-
REALITY VIEWER DEVICE

(71) Meyer, S.
(21) 2024219672 (22) 12.09.2024
(54) Improved lumbosacral support device,
method and kit

**MEYER INTELLECTUAL PROPERTIES LIM-
ITED see Chan, H.**
(21) 2024219604

(71) Minerva Neurosciences, Inc.
(21) 2024219717 (22) 13.09.2024
(54) Gastro-resistant controlled release oral
dosage forms

(71) MSP Mine Support Products (Pty) Ltd
(21) 2024219785 (22) 17.09.2024
(54) Rock bolt

(71) MVE Biological Solutions US, LLC
(21) 2024219630 (22) 11.09.2024
(54) Cryogenic freezer

(71) Newbury, J.
(21) 2024219752 (22) 16.09.2024
(54) IMPROVED WAVE ENERGY GENER-
ATOR

(71) NGK Insulators, Ltd.
(21) 2024219588 (22) 11.09.2024
(54) Membrane reactor

(71) Nokia Technologies Oy
(21) 2024219810 (22) 17.09.2024
(54) Random access in communication sys-
tem

(71) Norsk Titanium AS
(21) 2024219643 (22) 12.09.2024
(54) SOLIDIFICATION REFINEMENT AND
GENERAL PHASE TRANSFORMA-
TION CONTROL THROUGH APPLICA-
TION OF IN SITU GAS JET IMPINGE-
MENT IN METAL ADDITIVE MANU-
FACTURING

(71) Northrop Grumman Systems Corpora-
tion
(21) 2024219789 (22) 17.09.2024

(54) Spacecraft servicing devices and re-
lated assemblies, systems, and meth-
ods

(71) Novozymes A/S
(21) 2024219676 (22) 12.09.2024
(54) Ruminant feed composition comprising
a muramidase

(71) Nunhems B.V.
(21) 2024219802 (22) 17.09.2024
(54) TOMATO VARIETY NUN 08369 TOF

(71) Ocado Innovation Limited
(21) 2024219598 (22) 11.09.2024
(54) A GRID FRAME STRUCTURE

(71) OCTET MEDICAL, INC.
(21) 2024219699 (22) 13.09.2024
(54) DISPOSABLE CARTRIDGES FOR
ELECTROSTATIC APPLICATOR, SYS-
TEMS, AND METHODS THEREOF

(71) Odd, D.
(21) 2024219753 (22) 16.09.2024
(54) Caulk n Sauce

(71) Olitek Pty Ltd
(21) 2024219795 (22) 17.09.2024
(54) A BOOSTER ASSEMBLY

(71) Optos PLC
(21) 2024219580 (22) 10.09.2024
(54) A multi-modality ophthalmic imaging
system and a method of imaging a
patient's eye

(71) Oxitec Limited
(21) 2024219796 (22) 17.09.2024
(54) Pest control apparatus and methods

(71) Oxular Limited
(21) 2024219758 (22) 16.09.2024
(54) Ophthalmic drug compositions

(71) Panasonic Intellectual Property Corpora-
tion of America
(21) 2024219774 (22) 16.09.2024
(54) Encoder, decoder, encoding method,
decoding method, and picture compres-
sion program

(71) Panasonic Intellectual Property Man-
agement Co., Ltd.
(21) 2024219591 (22) 11.09.2024
(54) Outdoor unit

Park, S.W. see Green K-Farm Co., Ltd
(21) 2024219594

(71) Patil, M.
(21) 2024219746 (22) 14.09.2024
(54) "Innovative Technique for Targeted De-
livery of pH-modulating Agents to Oral
Mucosa and Dental Enamel Surfaces
for Oro-esophageal pH Stabilization"

(71) Perfect Day, Inc.
(21) 2024202679 (22) 24.04.2024
(54) Food products comprising milk proteins
and non-animal proteins, and methods
of producing the same

(71) Phase Pharmaceuticals LLC
(21) 2024219736 (22) 13.09.2024
(54) Sublingual epinephrine tablets

**Photon Robot (Ningbo) Co., Ltd. see Ji-
angsu Sanjo Intelligent Technology Co.,
Ltd.**
(21) 2024219634

(71) Pioneer Hi-Bred International, Inc.
(21) 2024219587 (22) 11.09.2024
(54) Insecticidal proteins and methods for
their use

(71) Pivot Electronics Pty Ltd
(21) 2024219646 (22) 12.09.2024
(54) Terminal and disconnection link

(71) POPS PADDLES PTY LTD
(21) 2024219770 (22) 16.09.2024
(54) PICKLEBALL PADDLE AND METHOD

(71) President and Fellows of Harvard Col-
lege
(21) 2024219682 (22) 13.09.2024
(54) GENE EDITING OF PCSK9

(71) Progress Rail Locomotive Inc.
(21) 2024219705 (22) 13.09.2024
(54) METHODS AND SYSTEMS FOR CON-
TROLLING BATTERY ELECTRIC LO-
COMOTIVES

(71) Qualcomm Incorporated
(21) 2024219734 (22) 13.09.2024
(54) IMPROVED INTRA PREDICTION IN
VIDEO CODING

(71) Rainger Supply PTY LTD
(21) 2024219649 (22) 12.09.2024
(54) Vehicle Based Awning – Additional
Lighting Beyond Shade Area

(71) Reko Automation Group Inc.
(21) 2024219609 (22) 11.09.2024

Complete Applications Filed - Name Index cont'd

(54) System and method for robotic drill rod handling

(71) Ripple Luxembourg S.A.
(21) 2024219739 (22) 13.09.2024
(54) Temporary consensus networks in a resource transfer system

(71) Rust-Oleum Corporation
(21) 2024219596 (22) 11.09.2024
(54) Fluid dispensing device

(71) Sage Products, LLC
(21) 2024219740 (22) 13.09.2024
(54) Patient transport apparatus and method

(71) Salesforce, Inc.
(21) 2024219678 (22) 12.09.2024
(54) Desktop and mobile graphical user interface unification

(71) Seiberg Consulting, LLC
(21) 2024219724 (22) 13.09.2024
(54) Compositions Containing Natural Extracts And Use Thereof For Skin And Hair

(71) SENSE2 PTY LTD
(21) 2024219692 (22) 13.09.2024
(54) Advanced Boron-Doped Diamond Structures for High-Performance Semiconductor, Memory, and Quantum Computing Applications

(71) ServiceNow, Inc.
(21) 2024219695 (22) 13.09.2024
(54) Workflow support for dynamic action input

(71) Shanghai Baicheng Electric Equipment Manufacture Co., Ltd.
(21) 2024219799 (22) 17.09.2024
(54) Water ingress detection circuit and water ingress detection method

(71) Shanghai Lanhao Electric Co., Ltd
(21) 2024219696 (22) 13.09.2024
(54) PASSIVE LUMINESCENT CABLE

(71) Shaw, O.; Hurst, R.
(21) 2024219584 (22) 11.09.2024
(54) Boysenberry, apple, and blackcurrant compositions and methods of preparation and use therefor

(71) Shenzhen Huachengda Precision Industry Co.Ltd.
(21) 2024219663 (22) 12.09.2024
(54) Electronic aerosol generation device and atomizer thereof

(71) Shenzhen Huachengda Precision Industry Co.Ltd.
(21) 2024219666 (22) 12.09.2024
(54) Atomization device and atomization core thereof

(71) SOCIAL PROFIT NETWORK
(21) 2024219688 (22) 13.09.2024
(54) Methods and Compositions for Delivery of Biotin to Mitochondria

(71) Sony Group Corporation
(21) 2024219691 (22) 13.09.2024
(54) INFORMATION PROCESSING DEVICE, METHOD, AND PROGRAM

Sorbonne Universit# see Etablissement Francais du Sang
(21) 2024219771

(71) Spoke Sciences, Inc.
(21) 2024219599 (22) 11.09.2024
(54) Herbal compositions with improved bioavailability

(71) Stoddart Technology Pty Ltd
(21) 2024219798 (22) 17.09.2024
(54) A rainhead cover

(71) Stryker Corporation
(21) 2024219703 (22) 13.09.2024
(54) Systems for using the status of a motor during a surgical drilling procedure to improve efficiency of a breakthrough algorithm

(71) Stryker Corporation
(21) 2024219706 (22) 13.09.2024
(54) System and method for indicating mapping of console-based surgical systems

(71) Stryker Corporation
(21) 2024219708 (22) 13.09.2024
(54) Surgical handpiece for measuring depth of bore holes and related accessories

(71) SuperCool Asia Pacific Pty Ltd
(21) 2024219573 (22) 10.09.2024
(54) Thermal response probe and method

(71) Takeda Pharmaceutical Company Limited
(21) 2024219756 (22) 16.09.2024
(54) Anti-plasma kallikrein antibodies

(71) Terex GB Limited
(21) 2024219764 (22) 16.09.2024

(54) PLATE DETECTION APPARATUS FOR FILTER PRESSES

(71) TerraPower, LLC
(21) 2024219778 (22) 17.09.2024
(54) CORROSION-RESISTANT COOLANT SALT AND METHOD FOR MAKING SAME

(71) THE AUSTRALIAN ON-LINE PROSTHETIC COMPANY PTY LTD
(21) 2024219611 (22) 11.09.2024
(54) SHAPING INSTRUMENT

(71) The Board of Trustees of the Leland Stanford Junior University
(21) 2024219648 (22) 12.09.2024
(54) Targeted therapy for small cell lung cancer

(71) The Council of the Queensland Institute of Medical Research
(21) 2024219637 (22) 11.09.2024
(54) ADOPTIVE T-CELL THERAPY FOR CMV INFECTION AND CMV-ASSOCIATED DISEASES

(71) The Fynder Group, Inc.
(21) 2024219702 (22) 13.09.2024
(54) EDIBLE COMPOSITION WITH FILAMENTOUS FUNGI AND BIOREACTOR SYSTEM FOR THE CULTIVATION THEREOF

(71) The Goodyear Tire & Rubber Company
(21) 2024219761 (22) 16.09.2024
(54) High mileage rubber composition for a radial medium truck (RMT) tire tread

(71) Theion GmbH
(21) 2024219713 (22) 13.09.2024
(54) Mixed ion-electron conductive transition layer induced by the irradiation of chalcogenide based materials

(71) The Jackson Laboratory
(21) 2024219629 (22) 11.09.2024
(54) Nicotinamide for use in the treatment and prevention of ocular neurodegenerative disorder (e.g. glaucoma)

(71) The Medical College of Wisconsin, Inc.
(21) 2024219790 (22) 17.09.2024
(54) HIGHLY SENSITIVE SURVEILLANCE USING DETECTION OF CELL FREE DNA

(71) The Penn State Research Foundation
(21) 2024219577 (22) 10.09.2024
(54) Low-melting glass compositions, articles, and methods of making the same

Complete Applications Filed - Name Index cont'd

(71) The Regents of The University of California; Yara International ASA; Construction Research & Technology GmbH

(21) 2024219804 (22) 17.09.2024

(54) MITIGATION OF ALKALI-SILICA REACTION IN CONCRETE USING READILY-SOLUBLE CHEMICAL ADITIVES

(71) Thetford BV

(21) 2024219652 (22) 12.09.2024

(54) Refrigerator

(71) The United States of America, as represented by The Secretary, Department of Health and Human Services

(21) 2024219754 (22) 16.09.2024

(54) T cell receptors which recognize mutated EGFR

(71) Transportation IP Holdings, LLC

(21) 2024219715 (22) 13.09.2024

(54) SYSTEMS AND METHODS FOR ESTIMATING TIME OF ARRIVAL OF VEHICLE SYSTEMS

(71) Ultima Genomics, Inc.

(21) 2024219619 (22) 11.09.2024

(54) Fast-forward sequencing by synthesis methods

(71) Unity Biotechnology, Inc.

(21) 2024219624 (22) 11.09.2024

(54) Acyl sulfonamides that are Bcl family antagonists for use in clinical management of conditions caused or mediated by senescent cells and for treating cancer

Universite Paris-Saclay see Etablissement Francais du Sang

(21) 2024219771

(71) University of Florida Research Foundation, Incorporated

(21) 2024219412 (22) 04.09.2024

(54) IMMUNOASSAYS FOR DETECTION OF RAN PROTEINS

(71) University of Pittsburgh - Of the Commonwealth System of Higher Education

(21) 2024219773 (22) 16.09.2024

(54) REDUCED OXYGEN CARRIERS AND THEIR USE FOR THE TREATMENT OF CARBOXYHEMOGLOBINEMIA

(71) Urschel Laboratories, Inc.

(21) 2024219748 (22) 16.09.2024

(54) Clamping Assemblies for Securing Knives to Slicing Machines, Slicing Machines Equipped Therewith, and Tools for Use Therewith

(71) Vaxxas Pty Limited

(21) 2024219654 (22) 12.09.2024

(54) DEVICE AND METHOD FOR COATING SURFACES

Veracyte SD, Inc. see Mayo Foundation for Medical Education and Research

(21) 2024219781

(71) ViaCyte, Inc.

(21) 2024219638 (22) 12.09.2024

(54) Universal donor cells and related methods

(71) Volvo Autonomous Solutions AB

(21) 2024219661 (22) 12.09.2024

(54) System and method of controlling movements of vehicles

(71) Wallis Engineers Pty Ltd

(21) 2024219726 (22) 13.09.2024

(54) Drill Bit

(71) Wilcox Industries Corp.

(21) 2024219635 (22) 11.09.2024

(54) Power And Data Retrofit For Weapon Accessory Rail

(71) Xard Group Pty Ltd

(21) 2024219743 (22) 13.09.2024

(54) TRANSACTION RECORDING

(71) Xenon Pharmaceuticals Inc.

(21) 2024219794 (22) 17.09.2024

(54) Methods for enhancing the bioavailability and exposure of a voltage-gated potassium channel opener

Yale University see Arvinas Operations, Inc.

(21) 2024219653

Yara International ASA see The Regents of The University of California

(21) 2024219804

(71) zhang, c.

(21) 2024219693 (22) 13.09.2024

(54) Saren SouthSea Acupuncture Method for Regulating Spirit

(71) Zodiac Pool Care Europe

(21) 2024219775 (22) 16.09.2024

(54) Drive controls principally for automatic swimming pool cleaners

(71) Zodiac Pool Systems LLC

(21) 2024219777 (22) 16.09.2024

(54) Automatic swimming pool cleaners

(71) Zoetis Services LLC

(21) 2024219645 (22) 12.09.2024

(54) Antimicrobial peptides and methods of using same

Numerical Index

2024202679	Perfect Day, Inc.	2024219634	Jiangsu Sanjo Intelligent Technology Co., Ltd.; Photon Robot (Ningbo) Co., Ltd.
2024219412	University of Florida Research Foundation, Incorporated	2024219635	Wilcox Industries Corp.
2024219560	Culleton, W.	2024219636	Daniels Manufacturing Co.
2024219566	Hendricks Corp. Pte. Ltd.	2024219637	The Council of the Queensland Institute of Medical Research
2024219567	Cugene Inc.	2024219638	ViaCyte, Inc.
2024219568	Alcresta Therapeutics, Inc.	2024219639	ADS Therapeutics LLC
2024219570	DePuy Synthes Products, Inc.	2024219640	F. Hoffmann-La Roche AG; ETH Zuerich
2024219571	Dental Robotics Group B.V.	2024219641	Aussie Wine Group Holdings Pty Ltd
2024219572	KeyBioscience SA; ELI LILLY AND COMPANY	2024219642	Fisher & Paykel Healthcare Limited
2024219573	SuperCool Asia Pacific Pty Ltd	2024219643	Norsk Titanium AS
2024219575	Envisia Therapeutics, Inc	2024219644	LG Electronics Inc.
2024219576	ISL, LLC	2024219645	Zoetis Services LLC
2024219577	The Penn State Research Foundation	2024219646	Pivot Electronics Pty Ltd
2024219580	Optos PLC	2024219647	CNH Industrial America LLC
2024219581	FISHER & PAYKEL HEALTHCARE LIMITED	2024219648	The Board of Trustees of the Leland Stanford Junior University
2024219582	Evolved By Nature, Inc.	2024219649	Rainger Supply PTY LTD
2024219584	Shaw, O.; Hurst, R.	2024219650	Allergenis LLC; Icahn School of Medicine at Mount Sinai
2024219585	APPLE INC.	2024219651	CRAYOLA LLC
2024219586	Boston Scientific Scimed, Inc.	2024219652	Thetford BV
2024219587	Pioneer Hi-Bred International, Inc.	2024219653	Arvinas Operations, Inc.; Yale University
2024219588	NGK Insulators, Ltd.	2024219654	Vaxxas Pty Limited
2024219589	Illumina, Inc.	2024219656	La Jolla Pharma, LLC
2024219590	ARCULUS HOLDINGS, LLC	2024219657	LONE GULL HOLDINGS, LTD.
2024219591	Panasonic Intellectual Property Management Co., Ltd.	2024219658	Alloy Steel Australia (Int) Pty Ltd
2024219592	CommScope Technologies LLC	2024219659	Komatsu Germany GmbH
2024219593	LG Electronics Inc.	2024219660	Hitachi, Ltd.
2024219594	Green K-Farm Co., Ltd; Park, S.W.	2024219661	Volvo Autonomous Solutions AB
2024219595	Anduril Industries, Inc.	2024219662	Institut National de la Recherche Scientifique
2024219596	Rust-Oleum Corporation	2024219663	Shenzhen Huachengda Precision Industry Co.Ltd.
2024219597	Merlo Project S.r.l.	2024219664	Genentech, Inc.
2024219598	Ocado Innovation Limited	2024219665	Geovert Ground Engineering Pty Ltd
2024219599	Spoke Sciences, Inc.	2024219666	Shenzhen Huachengda Precision Industry Co.Ltd.
2024219600	Aristocrat Technologies, Inc.	2024219667	EVE Hydrogen Energy Co., LTD.
2024219601	Aristocrat Technologies, Inc.	2024219668	Brian Clifford Arthur Bruce
2024219602	Aristocrat Technologies, Inc.	2024219669	AXON ENTERPRISE, INC.
2024219603	Applied Medical Resources Corporation	2024219670	Dolby International AB
2024219604	Chan, H.; Cheng, S.; MEYER INTELLECTUAL PROPERTIES LIMITED	2024219671	Eteknology Pty Ltd
2024219605	Geomni, Inc.	2024219672	Meyer, S.
2024219606	BAKNER MANUFACTURING, LLC	2024219673	allouche, s.
2024219607	ADAGENE INC.	2024219674	Kumiai Chemical Industry Co., Ltd.
2024219608	Huawei Technologies Co., Ltd.	2024219675	ConMed Corporation
2024219609	Reko Automation Group Inc.	2024219676	Novozymes A/S
2024219610	CDRD Ventures Inc.	2024219677	F. Hoffmann-La Roche AG
2024219611	THE AUSTRALIAN ON-LINE PROSTHETIC COMPANY PTY LTD	2024219678	Salesforce, Inc.
2024219612	Inno-Sports Co., Ltd	2024219679	Hirotaro Fukuoka
2024219613	Mallinckrodt Pharmaceuticals Ireland Limited	2024219680	Learn and Grow Toys Pty Ltd
2024219614	Limacorporate S.p.A.	2024219681	Illinois Tool Works Inc.
2024219615	Applied Medical Resources Corporation	2024219682	President and Fellows of Harvard College
2024219616	HOVER Inc.	2024219683	Air Products and Chemicals, Inc.
2024219617	C3.ai, Inc.	2024219684	Mayo Foundation for Medical Education and Research; Exact Sciences Corporation
2024219618	Alnylam Pharmaceuticals, Inc.	2024219685	Insome Technologies(SZ) Co. Ltd.
2024219619	Ultima Genomics, Inc.	2024219686	E2 IP Holding LLC
2024219620	BASF SE	2024219687	Astura Medical Inc.
2024219621	Compugen Ltd.	2024219688	SOCIAL PROFIT NETWORK
2024219622	Huawei Technologies Co., Ltd.	2024219689	Deere & Company
2024219623	Joy Global Underground Mining LLC	2024219690	EVAH Atlantic Inc.
2024219624	Unity Biotechnology, Inc.	2024219691	Sony Group Corporation
2024219625	Joy Global Underground Mining LLC	2024219692	SENSE2 PTY LTD
2024219626	Dental Robotics Group B.V.	2024219693	zhang, c.
2024219627	Jemella Limited	2024219694	DeepMind Technologies Limited
2024219628	Hendricks Corp. Pte. Ltd.	2024219695	ServiceNow, Inc.
2024219629	The Jackson Laboratory	2024219696	Shanghai Lanhao Electric Co., Ltd
2024219630	MVE Biological Solutions US, LLC	2024219697	Hendricks Corp. Pte. Ltd.
2024219631	Genmab A/S		
2024219632	GI Scientific, LLC		

Complete Applications Filed - Numerical Index cont'd

2024219698	Alexion Pharmaceuticals, Inc.	2024219771	Etablissement Francais du Sang; INSERM (Institut National de la Sante et de la Recherche Medicale); Centre National de la Recherche Scientifique; Institut de Radioprotection et de Sûreté Nucléaire; Sorbonne Universit#; Universite Paris-Saclay
2024219699	OCTET MEDICAL, INC.	2024219772	Fresenius Medical Care Holdings, Inc.
2024219700	DRILL RIG SPARES PTY LTD	2024219773	University of Pittsburgh - Of the Commonwealth System of Higher Education
2024219701	International Battery Metals, Ltd.	2024219774	Panasonic Intellectual Property Corporation of America
2024219702	The Fynder Group, Inc.	2024219775	Zodiac Pool Care Europe
2024219703	Stryker Corporation	2024219776	Anuncia, Inc
2024219704	FMI BUILDING INNOVATION LIMITED	2024219777	Zodiac Pool Systems LLC
2024219705	Progress Rail Locomotive Inc.	2024219778	TerraPower, LLC
2024219706	Stryker Corporation	2024219779	Appell, T.
2024219707	CATERPILLAR INC.	2024219780	Children's Medical Center Corporation
2024219708	Stryker Corporation	2024219781	Mayo Foundation for Medical Education and Research; Veracyte SD, Inc.
2024219709	F&P Tech Fitness Limited	2024219782	Dongguan Polyfilm Plastic Products Company Limited
2024219710	IGT	2024219783	ELI LILLY AND COMPANY
2024219711	Gilead Sciences, Inc.	2024219785	MSP Mine Support Products (Pty) Ltd
2024219712	Invitae Corporation	2024219786	Epizyme, Inc.
2024219713	Theion GmbH	2024219787	JPL Global, LLC
2024219714	Maytronics Ltd.	2024219789	Northrop Grumman Systems Corporation
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2024219716	LUMITHERA, INC.	2024219791	Howmedica Osteonics Corp.
2024219717	Minerva Neurosciences, Inc.	2024219792	Fisher & Paykel Healthcare Limited
2024219718	Blazley, W.	2024219793	Fisher & Paykel Healthcare Limited
2024219719	Bruin Biometrics LLC	2024219794	Xenon Pharmaceuticals Inc.
2024219720	ClioTech Ltd	2024219795	Olitek Pty Ltd
2024219721	EVE Hydrogen Energy Co., LTD.	2024219796	Oxitec Limited
2024219722	Else Nutrition GH Ltd	2024219797	Abbott Laboratories
2024219723	HALLIBURTON ENERGY SERVICES, INC.	2024219798	Stoddart Technology Pty Ltd
2024219724	Seiberg Consulting, LLC	2024219799	Shanghai Baicheng Electric Equipment Manufacture Co., Ltd.
2024219725	Geomni, Inc.	2024219800	Humax Co., Ltd.
2024219726	Wallis Engineers Pty Ltd	2024219801	HILL'S PET NUTRITION, INC.
2024219728	Hurst, M.	2024219802	Nunhems B.V.
2024219729	Advanced Bariatric Technology, LLC	2024219803	AstraZeneca UK Limited; Daiichi Sankyo Company, Limited
2024219730	JUUL Labs, Inc.	2024219804	The Regents of The University of California; Yara International ASA; Construction Research & Technology GmbH
2024219731	BioXcel Therapeutics, Inc.	2024219806	Aristocrat Technologies Australia Pty Ltd
2024219732	HONEYWELL INTERNATIONAL INC.	2024219810	Nokia Technologies Oy
2024219733	Cummins Power Generation Inc.		
2024219734	Qualcomm Incorporated		
2024219735	Alcolizer Pty Ltd		
2024219736	Phase Pharmaceuticals LLC		
2024219737	Inovio Pharmaceuticals, Inc.		
2024219738	BOYIJUN RESOURCES (HK) LIMITED		
2024219739	Ripple Luxembourg S.A.		
2024219740	Sage Products, LLC		
2024219741	ECONcrete Tech Ltd		
2024219742	Diogenes Limited		
2024219743	Xard Group Pty Ltd		
2024219744	Hemosonics, LLC		
2024219745	Macdonald, J.		
2024219746	Patil, M.		
2024219747	Huawei Technologies Co., Ltd.		
2024219748	Urschel Laboratories, Inc.		
2024219749	CAVH LLC		
2024219750	Evans, R.		
2024219751	Maytronics Ltd.		
2024219752	Newbury, J.		
2024219753	Odd, D.		
2024219754	The United States of America, as represented by The Secretary, Department of Health and Human Services		
2024219755	Aragon Pharmaceuticals, Inc.		
2024219756	Takeda Pharmaceutical Company Limited		
2024219757	Incyte Corporation		
2024219758	Oxular Limited		
2024219759	8 Rivers Capital, LLC		
2024219760	Evoqua Water Technologies LLC		
2024219761	The Goodyear Tire & Rubber Company		
2024219763	Crossford International, LLC		
2024219764	Terex GB Limited		
2024219765	Alkahest, Inc.		
2024219766	Elypta AB		
2024219767	Commonwealth Scientific and Industrial Research Organisation		
2024219768	Manitou Italia S.r.l.		
2024219770	POPS PADDLES PTY LTD		

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 10 Sep 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Kumiai Chemical Industry Co., Ltd.
(21) 2024100033 **(22)** 12.09.2024
(54) Process for producing herbicide and intermediate thereof
(62) 2023201945

(71) Kumiai Chemical Industry Co., Ltd.
(21) 2024100034 **(22)** 12.09.2024
(54) Process for producing herbicide and intermediate thereof
(62) 2023201945

(71) Kumiai Chemical Industry Co., Ltd.
(21) 2024100035 **(22)** 12.09.2024
(54) Process for producing herbicide and intermediate thereof
(62) 2023201945

Numerical Index

2024100033 Kumiai Chemical Industry Co., Ltd.
2024100034 Kumiai Chemical Industry Co., Ltd.

2024100035 Kumiai Chemical Industry Co., Ltd.

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

2004

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2017

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2018

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2019

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2020

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 2020353078 (1B) 2020353090 (1B) 2020353092 (1B)
 2020353173 (1B) 2020353234 (1B) 2020353387 (1B)
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 2020432497 (4A) 2020475165 (25D)

2021

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 2021101120 (22E) 2021200740 (5C) 2021200807 (16C)
 2021201376 (5C) 2021201686 (4C) 2021203770 (4C)
 2021204201 (14) 2021205009 (16D) 2021206140 (5C)
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 2021221722 (5C) 2021237626 (5C) 2021247874 (5C)
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 2021325349 (5C) 2021333849 (5C) 2021370157 (5C)
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2022

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 2022291673 (5C)

2023

2023200554 (4C) 2023200994 (5C) 2023202933 (4C)
 2023203037 (5C) 2023203469 (5C) 2023204164 (5C)
 2023204323 (4C) 2023204710 (5C) 2023206171 (5CN)
 2023902922 (12AN) 2023902933 (12AN) 2023902934 (12AN)
 2023903114 (12AN) 2023903293 (12AN) 2023903294 (12AN)

2024

2024204089 (1B) 2024204157 (1B) 2024204281 (1B)
 2024204310 (1B) 2024204326 (1B) 2024204353 (1B)
 2024204380 (1B) 2024205472 (12B) 2024219416 (12BN)
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Assignments before Grant, Section 113

2018

2018314765 F. Hoffmann-La Roche AG; NanoString Technologies, Inc. The application has been assigned to **Bruker Spatial Biology, Inc.; F. Hoffmann-La Roche AG**

2018321573 MAM Babyartikel Gesellschaft m.b.H. The application has been assigned to **MAM Baby AG**

2019

2019290143 Abiomed, Inc.; Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.; TAN, Qing; EL KATERJI, Ahmad The application has been assigned to **Abiomed, Inc.; Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.**

Assignments before Grant, Section 113

2019301576 Teletech Pty Ltd The application has been assigned to **Teletech Instruments Pty Ltd**

2019306052 MAM Babyartikel Gesellschaft m.b.H. The application has been assigned to **MAM Baby AG**

2019329931 5Bar Pty Ltd The application has been assigned to **Barr, Michael**

2020

2020205622 Ed Tucker Distributor, Inc. dba PRO TAPER The application has been assigned to **Turn 14 Distribution, Inc.**

2020240067 Sound Agriculture Company The application has been assigned to **Decibel Bio, Inc.**

2020300531 Henkel IP & Holding GmbH The application has been assigned to **Henkel AG & Co. KGaA**

2020402757 DuPont Industrial Biosciences USA, LLC The application has been assigned to **Covation Inc.**

2021

2021301106 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Covation Inc.**

2021345359 PROGENITY, INC. The application has been assigned to **Enumera Molecular, Inc.**

2021393095 REZATEC LIMITED The application has been assigned to **HEXCUITY LIMITED**

2023

2023200487 REZATEC LIMITED The application has been assigned to **HEXCUITY LIMITED**

2023224103 JONES, Tyler; JONES, Justin; PANGALLO, Vincent The application has been assigned to **KMNCE LLC**

2024

2024205181 Marjanovic, Vesna The application has been assigned to **Marjanovic Family Trust**

2024213127 Marjanovic, Vesna The application has been assigned to **Marjanovic Family Trust**

2024213160 Marjanovic, Vesna The application has been assigned to **Marjanovic Family Trust**

2024900020 Teletech Pty Ltd The application has been assigned to **Teletech Instruments Pty Ltd**

2024902789 Marjanovic, Vesna The application has been assigned to **Marjanovic Family Trust**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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.

2009

2009204648 **The Biocube Corporation Ltd** An application to extend the time from 16 Jan 2024 to 16 Aug 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014207317 **Innara Health, Inc.** An application to extend the time from 21 Jan 2022 to 21 Feb 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015

2015200000 **Morris Industries Ltd.** An application to extend the time from 02 Jan 2024 to 02 Aug 2024 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2019

2019100058 **Cyplex Pty Limited** An application to extend the time from 18 Jan 2024 to 18 Sep 2024 in which to pay a renewal fee has been filed . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2019379323 **Barn2Door, Inc.** An application to extend the time from 15 Nov 2023 to 15 Jun 2024 in which to pay a continuation fee has been filed . Address for service - K&L Gates 525 Collins Street Melbourne VIC 3000 AU

2022

2022211876 **Vayeron Pty Ltd** An application to extend the time from 21 Jan 2024 to 21 Sep 2024 in which to pay a continuation fee has been filed . Address for service - RADIANT GLOBAL PTY LTD 186 Cook Avenue Hillarys WA 6025 AU

Applications Allowed - Section 223(2)

2007

2007288125 **Intellectual Property Development Corporation Pty Ltd** The time in which to pay a renewal fee has been extended to 24 Apr 2024 . Address for service - Wulff Partners Pty Ltd U 5005 1 Queensbridge Sq Southbank VIC 3006 AU

2019

2019245428 **Perma Pure LLC** The time in which to pay the acceptance fee has been extended to 07 Sep 2024 . Address for service - Alder IP Pty Ltd Suite 504 10 Help Street CHATSWOOD NSW 2067 AU

2021

2021268127 **Respect Intelligence Inspection Limited** The time in which to enter the National Phase has been extended to 08 Dec 2023 . Address for service - RNB IP PTY LTD PO Box 9530 Deakin ACT 2600 AU

Extensions of Time, Section 223

2022

2022210955 **NGLTECH SERVICES SDN. BHD.** The time in which to enter the national phase has been extended 21 Jan 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022348783 **JIANGSU ALPHAMAB BIOPHARMACEUTICALS CO., LTD.; SUZHOU ALPHAMAB CO., LTD.** The time in which to enter the National Phase has been extended to 18 Jun 2024 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2022359895 **BAKER HUGHES OILFIELD OPERATIONS LLC** The time in which to pay the acceptance fee has been extended to 09 Sep 2024 . Address for service - Patent Attorney Services U 4 26 Ellingworth Pde Box Hill VIC 3128 AU

2024

2024202408 **NZP1027 Ltd** The time in which to make a further application for a divisional patent has been extended to 14 Apr 2024 . Address for service - Eagar & Associates Pty Ltd Level 2 35-39 Scarborough Street Southport QLD 4215 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.

2016

2016284331 Composite gypsum board and methods related thereto **United States Gypsum Company** The nature of the amendment is as shown in the statement(s) filed 16 Aug 2024 . Address for service - James & Wells Intellectual Property GPO BOX 1301 Canberra ACT 2601 AU

2017

2017337080 Subsurface irrigation systems and methods **Gietl , J. ; Putze , A.** The nature of the amendment is as shown in the statement(s) filed 06 Aug 2024 . Address for service - Baxter Patent Attorneys Pty Ltd Level 12/10 Carrington St Sydney NSW 2000 AU

2018

2018312486 Cucumber plants with improved pest resistance **Seminis Vegetable Seeds, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Sep 2024 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2018368801 Interconnecting modular components to form remote unit for use within distributed antenna system **Outdoor Wireless Networks LLC** The nature of the amendment is as shown in the

Amendments

statement(s) filed 30 Aug 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019226626 System for monitoring gas level in a gas storage cylinder **Billi Australia Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Aug 2024 . Address for service - Churchill Attorneys PO BOX 3238 BURNLEY NORTH VIC 3121 AU

2019265630 Automated isolation of viable mitochondria **Children's Medical Center Corporation** The nature of the amendment is as shown in the statement(s) filed 10 Sep 2024 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019296521 Separator for a grape collection unit **Aussie Wine Group Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 18 Jul 2024 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

2019324575 Rock bolt with information display region **SANDVIK MINING AND CONSTRUCTION TOOLS AB ; SANDVIK MINING AND CONSTRUCTION AUSTRALIA (PRODUCTION/SUPPLY) PTY LTD** The nature of the amendment is as shown in the statement(s) filed 20 Aug 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021

2021202459 Nutritional product **Vitaflo (International) Ltd ; UCL Business PLC** The nature of the amendment is as shown in the statement(s) filed 28 Aug 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021229505 Cerebral dural venous sinus stent **The Regents of the University of California** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022

2022432980 MIST GENERATION NOZZLE **SCIENCE CO.,LTD.** The nature of the amendment is as shown in the statement(s) filed 16 Aug 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

Amendments Made

2015

2015202015 **FISHER & PAYKEL HEALTHCARE LIMITED** The nature of the amendment is as shown in the statement(s) filed 01 May 2024

2016

2016307234 **Limagrain Europe** The nature of the amendment is as shown in the statement(s) filed 13 May 2024

2018

2018371010 **Bristol-Myers Squibb Company** The nature of the amendment is as shown in the statement(s) filed 23 May 2024

Amendments**2019**

2019226626 **Billi Australia Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Aug 2024

2020

2020318112 **WUXI XDC SINGAPORE PRIVATE LIMITED** The nature of the amendment is as shown in the statement(s) filed 05 Sep 2024

2020350763 **Novo Nordisk Health Care AG** The nature of the amendment is: Amend the name of the inventor to read BABU, Suresh; SHETH, Pratik; TALADI, Vijay and MINIKIS, Ryan Mitchell

2021

2021231743 **60 Degrees Pharmaceuticals LLC** The nature of the amendment is: Amend the invention title to read Methods for the Treatment and Prevention of Lung Infections Caused by Gram-Positive Bacteria, Fungus, or Virus by Administration of Tafenoquine

2021266202 **FISHER & PAYKEL HEALTHCARE LIMITED** The nature of the amendment is as shown in the statement(s) filed 01 May 2024

2022

2022202309 **Metalogenia Research & Technologies S.L.** The nature of the amendment is as shown in the statement(s) filed 18 Jun 2024

2022202948 **Howard Hughes Medical Institute** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2024

2022248402 **GLASSOMER GMBH; ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG** The nature of the amendment is: Amend the name of the inventor to read KOTZ-HELMER, Frederik and RAPP, Bastian

2022281121 **DEEPMIND TECHNOLOGIES LIMITED** The nature of the amendment is as shown in the statement(s) filed 20 Jun 2024

2022346513 **SHAPERON INC.** The nature of the amendment is: Amend the name of the inventor to read SEONG, Seung Yong

2022400237 **SANOFI** The nature of the amendment is: Amend the name of the inventor to read CHADJAA, Mustapha; BAUCHET, Anne-Laure; COMBEAU, Cécile; HENRY, Christophe; DEMERS, Brigitte and BENSFIA, Samira

2022419993 **REGENERON PHARMACEUTICALS, INC.** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2024

2023

2023201940 **Schneider Electric Industries SAS** The nature of the amendment is: Amend the name of the inventor to read Zeng, Xiaojing; Wu, Jian; Li, Sha and Ding, Dayou

2023212898 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read DEVICE SELECTION METHOD AND APPARATUS

Amendments

2023213913 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read DEVICE SELECTION METHOD AND APPARATUS

2023232420 **SUMITOMO PRECISION PRODUCTS CO., LTD.** The nature of the amendment is: Amend the invention title to read Vibrating Gyro Element and Gyroscope

2023241085 **TOP CAP HOLDING GMBH** The nature of the amendment is: Amend the invention title to read Apparatus and method of manufacturing a can end

2023242975 **PEST VISION SOLUTIONS CO., LTD.** The nature of the amendment is: Amend the invention title to read Method for generating bug identification image data, and bug identification system

2023267075 **CRRC QIQIHAR ROLLING STOCK CO., LTD.** The nature of the amendment is: Amend the invention title to read Emergency valve having emergency accelerated release function

2023902963 **Roobuck Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2023430179

2024

2024219620 **BASF SE** The nature of the amendment is: Amend the invention title to read Herbicidal mixtures comprising L-glufosinate and their use in canola cultures

Alteration of Name(s) of Applicant(s)/Patentee(s)**2007**

2007311980 **NanoCarrier Co., Ltd.** The name of the patentee has been altered to **NANO MRNA Co., Ltd.**

2013

2013361760 **Bayer Animal Health GmbH** The name of the patentee has been altered to **Elanco Animal Health GmbH**

2016

2016250451 **S.P.C.M. SA** The name of the patentee has been altered to **SNF Group**

2016368637 **S.P.C.M. SA** The name of the patentee has been altered to **SNF Group**

2017

2017324414 **S.P.C.M. SA** The name of the patentee has been altered to **SNF Group**

2017329863 **S.P.C.M. SA** The name of the patentee has been altered to **SNF Group**

2018

2018213387 **Intrexon Corporation** The name of the applicant has been altered to **Precigen, Inc.**

Amendments**2019**

2019236631 salesforce.com, inc. The name of the applicant has been altered to **Salesforce, Inc.**

2019240885 S.P.C.M. SA The name of the patentee has been altered to **SNF Group**

2019350694 salesforce.com, inc. The name of the applicant has been altered to **Salesforce, Inc.**

2019406581 S.P.C.M. SA The name of the applicant has been altered to **SNF Group**

2020

2020255203 S.P.C.M. SA The name of the applicant has been altered to **SNF Group**

2020257089 S.P.C.M. SA The name of the applicant has been altered to **SNF Group**

2020361496 Brijit Medical, Inc. The name of the applicant has been altered to **Brij Medical, Inc.**

2020378280 Oncxerna Therapeutics, Inc. The name of the applicant has been altered to **Feng Biosciences, Ltd.**

2020385022 Evekare Australia Pty Ltd The name of the applicant has been altered to **Evekare Pty Ltd**

2021

2021260177 Renson Sunprotection-Screens The name of the applicant has been altered to **Renson Outdoor NV**

2021306500 Atlas Elektronik GmbH ; ThyssenKrupp AG The name of the applicant has been altered to **ATLAS ELEKTRONIK GmbH; thyssenkrupp AG**

2021367200 Renson Sunprotection-Screens The name of the applicant has been altered to **Renson Outdoor NV**

2022

2022290651 Renson Sunprotection-Screens The name of the applicant has been altered to **Renson Outdoor NV**

2022334530 SHANGHAI LEADINGTAC PHARMACEUTICAL CO. LTD. The name of the applicant has been altered to **Leadingtac Pharmaceutical (Shaoxing) Co., Ltd.**

2023

2023219031 FIGURE TECHNOLOGIES, INC. The name of the applicant has been altered to **Figure Technologies, LLC**

2023240523 KERICIS HF The name of the applicant has been altered to **KERICIS LIMITED**

2023243112 RARIFIED BIOSCIENCES, INC. The name of the applicant has been altered to **Rarefied Biosciences, Inc.**

Applications Open to Public Inspection

Name Index

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

(71) 10X Genomics, Inc.
 (11) AU-A-2024216525
 (21) 2024216525 (22) 02.09.2024
 (54) METHODS FOR SPATIAL ANALYSIS USING RNA-TEMPLATED LIGATION
 (51) Int. Cl.
C12Q 1/6841 (2018.01)
 (43) 26.09.2024
 (62) 2020412766
 (72) CHELL, James Michael; STOECKIUS, Marlon; ALLES, Jonathan; GALLANT, Caroline Julie; GALONSKA, Christina; BAVA, Felice Alessio; KATIRAEI, Layla
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Abilita Bio, Inc.
 (11) AU-A-2024205179
 (21) 2024205179 (22) 29.07.2024
 (54) Methods and platform for preparing multispansing membrane proteins
 (51) Int. Cl.
C07K 17/00 (2006.01)
C12N 1/16 (2006.01)
C12N 1/21 (2006.01)
 (43) 26.09.2024
 (62) 2017259821
 (72) MILENI, Mauro; BILLETITA, Rosario
 (74) FB Rice Pty Ltd

(71) Acer Incorporated
 (11) AU-A-2024200629
 (21) 2024200629 (22) 01.02.2024
 (54) METHOD FOR IMPLEMENTING CELL SWITCH PROCEDURE AND USER EQUIPMENT
 (51) Int. Cl.
H04W 56/00 (2009.01)
H04B 7/26 (2006.01)
H04W 36/00 (2009.01)
H04W 72/12 (2023.01)
 (31) 63/450,675 (32) 08.03.23 (33) US
 18/398,154 28.12.23 US
 (43) 26.09.2024
 (72) LIN, Jung-Mao
 (74) Collison & Co

(71) Acres Technology
 (11) AU-A-2024219480
 (21) 2024219480 (22) 06.09.2024
 (54) System for Promoting Play on Electronic Gaming Devices and Engagement with Casino Personnel
 (51) Int. Cl.
A63F 13/00 (2014.01)
A63F 13/85 (2014.01)

(43) 26.09.2024
 (62) 2022211906
 (72) Acres, John F.
 (74) Golja Haines & Friend

(71) Acres Technology
 (11) AU-A-2024219485
 (21) 2024219485 (22) 06.09.2024
 (54) Method and Apparatus for Triggering a Bonus
 (51) Int. Cl.
A63F 13/45 (2014.01)
 (43) 26.09.2024
 (62) 2021277767
 (72) Acres, John F.
 (74) Golja Haines & Friend

(71) Acuitas Therapeutics, Inc.
 (11) AU-A-2024219417
 (21) 2024219417 (22) 05.09.2024
 (54) Novel carbonyl lipids and lipid nanoparticle formulations for delivery of nucleic acids
 (51) Int. Cl.
C07C 233/36 (2006.01)
A61K 31/7105 (2006.01)
A61K 47/54 (2017.01)
A61K 47/69 (2017.01)
C07C 235/10 (2006.01)
C07C 237/06 (2006.01)
C07C 237/08 (2006.01)
C12N 15/88 (2006.01)
 (43) 26.09.2024
 (62) 202224779
 (72) Ansell, Steven M.; Du, Xinyao
 (74) Davies Collison Cave Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2024200101
 (21) 2024200101 (22) 08.01.2024
 (54) EDITING THREE-DIMENSIONAL MODELS UTILIZING IMPLICIT FUNCTION HANDLES
 (51) Int. Cl.
G06T 19/20 (2011.01)
G06T 17/20 (2006.01)
G06T 17/30 (2006.01)
 (31) 18/181,232 (32) 09.03.23 (33) US
 (43) 26.09.2024
 (72) Kusupati, Uday; Thiery, Jean; Kaiser, Adrien
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2024200170
 (21) 2024200170 (22) 11.01.2024
 (54) MACHINE LEARNING-BASED LAYOUT GENERATION
 (51) Int. Cl.
G06F 40/103 (2020.01)

G06F 40/186 (2020.01)
G06N 3/045 (2023.01)
G06N 3/088 (2023.01)
G06N 20/00 (2019.01)
G06T 11/40 (2006.01)
G06T 11/60 (2006.01)
 (31) 18/178,791 (32) 06.03.23 (33) US
 (43) 26.09.2024
 (72) Verma, Sukriti; Marri, Venkata Naveen Kumar Yadav; Tambi, Ritiz; Aggarwal, Pranav Vineet; O'Donovan, Peter; Harikumar, Midhun; Kale, Ajinkya
 (74) RnB IP Pty Ltd

(71) Alynlam Pharmaceuticals, Inc.
 (11) AU-A-2024219434
 (21) 2024219434 (22) 05.09.2024
 (54) Compositions and methods for inhibition of expression of apolipoprotein C-III (APOC3) genes
 (51) Int. Cl.
A61K 48/00 (2006.01)
A61K 38/17 (2006.01)
 (43) 26.09.2024
 (62) 2022204157
 (72) BETTENCOURT, Brian; FITZGERALD, Kevin; MILSTEIN, Stuart; MAIER, Martin; CHARISSE, Klaus; KALLANTHOTTATHIL, Rajeev; KUCHIMANCHI, Satya; MANOHARAN, Mutiah; NGUYEN, Tuyen
 (74) FB Rice Pty Ltd

(71) Amgen Inc.
 (11) AU-A-2024219455
 (21) 2024219455 (22) 06.09.2024
 (54) Benzisothiazole, isothiazolo[3,4-b]pyridine, quinazoline, phthalazine, pyrido[2,3-d]pyridazine and pyrido[2,3-d]pyrimidine derivatives as KRAS G12C inhibitors for treating lung, pancreatic or colorectal cancer
 (51) Int. Cl.
C07D 275/04 (2006.01)
A61K 31/428 (2006.01)
A61K 31/429 (2006.01)
A61K 31/437 (2006.01)
A61K 31/498 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 239/80 (2006.01)
C07D 401/04 (2006.01)
C07D 403/04 (2006.01)
C07D 417/04 (2006.01)
C07D 471/04 (2006.01)
C07D 471/08 (2006.01)
C07D 487/04 (2006.01)
C07D 487/10 (2006.01)
C07D 513/04 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 26.09.2024
 (62) 2022204026
 (72) LANMAN, Brian Alan; CEE, Victor J.; PICKRELL, Alexander J.; REED, Anthony B.; YANG, Kevin C.; KOPECKY, David John; WANG, Hui-Ling; LOPEZ, Patricia; ASHTON, Kate; BOOKER, Shon; TEGLEY, Christopher M.
 (74) Spruson & Ferguson

(71) Arrowhead Pharmaceuticals, Inc.
 (11) AU-A-2024219418
 (21) 2024219418 (22) 05.09.2024
 (54) RNAi agents for Hepatitis B virus infection
 (51) Int. Cl.
 C07H 21/02 (2006.01)
 A61K 48/00 (2006.01)

(43) 26.09.2024
 (62) 2022205929
 (72) LI, Zhen; ZHU, Rui; WOODDELL, Christine I.; GIVEN, Bruce D.; PEI, Tao; LEWIS, David L.; ALMEIDA, Lauren J.; ROZEMA, David B.; WAKEFIELD, Darren H.
 (74) Davies Collison Cave Pty Ltd

(71) Ausmetec Pty Ltd
 (11) AU-A-2024219464
 (21) 2024219464 (22) 06.09.2024
 (54) Apparatus and Process for Improved Ore Recovery
 (51) Int. Cl.
 B03C 1/02 (2006.01)
 B03C 1/025 (2006.01)
 B03C 1/30 (2006.01)
 B03D 1/00 (2006.01)
 (43) 26.09.2024
 (62) 2019314765
 (72) LUMSDEN, Barry Graham
 (74) Wallington-Dummer

(71) Barco N.V.
 (11) AU-A-2024219374
 (21) 2024219374 (22) 04.09.2024
 (54) Method and system for making functional devices available to participants of meetings
 (51) Int. Cl.
 H04L 12/12 (2006.01)
 (43) 26.09.2024
 (62) 2018397257
 (72) RENARD, Gauthier; DEGRAEF, Johan Peter Frans
 (74) Spruson & Ferguson

(71) Beijing LongRuan Technologies Inc.; Peking University
 (11) AU-A-2024201527
 (21) 2024201527 (22) 07.03.2024
 (54) INDUSTRIAL GEOGRAPHIC INFORMATION SYSTEM
 (51) Int. Cl.
 G06F 16/29 (2019.01)
 G01C 21/00 (2006.01)
 G06T 17/05 (2011.01)
 (31) 202310252710.2 (32) 07.03.23 (33) CN

(43) 26.09.2024
 (72) Mao, Shanjun; Zhang, Pengpeng; Zhang, Haoyuan; Chen, Jinchuan; Li, Mei; Chen, Huazhou
 (74) Madderns Pty Ltd

(71) Bepak Europe Limited
 (11) AU-A-2024219491
 (21) 2024219491 (22) 08.09.2024
 (54) Pressurised dispensing container
 (51) Int. Cl.
 B65D 83/54 (2006.01)
 B65D 83/14 (2006.01)
 C09K 3/10 (2006.01)
 G02F 1/361 (2006.01)
 (43) 26.09.2024
 (62) 2021217798
 (72) ALLSOP, Paul; BHOGAITA, Jaysukhlal Mohanlal; SAPSFORD, Andrew Ian
 (74) Davies Collison Cave Pty Ltd

(71) BIODOCACLE, LLC
 (11) AU-A-2024201474
 (21) 2024201474 (22) 06.03.2024
 (54) COSMECEUTICAL COMPOSITION
 (51) Int. Cl.
 A61K 8/65 (2006.01)
 A61K 8/19 (2006.01)
 A61K 8/67 (2006.01)
 A61K 8/73 (2006.01)
 A61K 8/9771 (2017.01)
 A61K 8/9794 (2017.01)
 (31) 23160083.4 (32) 06.03.23 (33) EP
 18/117,536 06.03.23 US
 (43) 26.09.2024
 (72) LAZZERINI, Federica; CLEMENTI, Fabio
 (74) AJ PARK

(71) BioHerbicides Australia Pty Ltd
 (11) AU-A-2023201465
 (21) 2023201465 (22) 08.03.2023
 (54) METHOD AND APPARATUS FOR CAPSULAR DELIVERY TO PLANTS
 (51) Int. Cl.
 A01N 25/26 (2006.01)
 A01M 21/04 (2006.01)
 A01N 57/20 (2006.01)
 A01B 39/08 (2006.01)
 A01B 39/18 (2006.01)
 (43) 26.09.2024
 (61) 2018312423
 (72) Riikonen, Peter; Goulter, Ken
 (74) FB Rice Pty Ltd

(71) Bionomics Limited
 (11) AU-A-2023201463
 (21) 2023201463 (22) 08.03.2023
 (54) Method of treating social anxiety disorder
 (51) Int. Cl.
 A61K 31/5377 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/20 (2006.01)
 A61K 9/28 (2006.01)
 A61P 25/22 (2006.01)

(43) 26.09.2024
 (72) Doolin, Elizabeth; Paul, Dharam; Crossman, Julia; Odontiadis, Michael; O'Connor, Susan; De Souza, Errol; Papapetropoulos, Spyros
 (74) Davies Collison Cave Pty Ltd

(71) Biotome Pty Ltd
 (11) AU-A-2024219396
 (21) 2024219396 (22) 04.09.2024
 (54) Novel Peptides and Their Use in Diagnosis
 (51) Int. Cl.
 C07K 14/205 (2006.01)
 A61K 38/00 (2006.01)
 G01N 33/569 (2006.01)
 G01N 33/574 (2006.01)
 (43) 26.09.2024
 (62) 2022203786
 (72) Lundin, Bror Samuel
 (74) Golja Haines & Friend

(71) BlueScope Steel Limited
 (11) AU-A-2024219459
 (21) 2024219459 (22) 06.09.2024
 (54) Coil Restraint
 (51) Int. Cl.
 B66F 9/06 (2006.01)
 (43) 26.09.2024
 (62) 2018229565
 (72) HICKLING, John
 (74) WRAYS PTY LTD

(71) BOWEN CUSTOMS
 (11) AU-A-2023203302
 (21) 2023203302 (22) 03.05.2023
 (54) SYSTEM AND METHOD FOR A VEHICLE SYSTEM
 (51) Int. Cl.
 B60P 3/00 (2006.01)
 (31) 18/180,671 (32) 08.03.23 (33) US
 (43) 26.09.2024
 (72) BOWEN, Brenton
 (74) GLMR

(71) Briner Ads Pty Ltd
 (11) AU-A-2023201403
 (21) 2023201403 (22) 07.03.2023
 (54) Retainer, Display and Method
 (51) Int. Cl.
 G09F 15/00 (2006.01)
 G09F 7/08 (2006.01)
 G09F 7/18 (2006.01)
 (43) 26.09.2024
 (72) Tsakonias, Constandinos
 (74) Cooper IP Pty Ltd

(71) Brown, T.
 (11) AU-A-2023201280
 (21) 2023201280 (22) 01.03.2023
 (54) The Demon's Head drinking card game
 (51) Int. Cl.
 A63F 1/04 (2006.01)
 (43) 26.09.2024
 (72) Brown, Timothy
 (74) Timothy Douglas Brown

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 (11) AU-A-2024201422
 (21) 2024201422 (22) 04.03.2024
 (54) Wave Energy Device
 (51) Int. Cl.
 F03B 13/18 (2006.01)
 (31) 2023900621 (32) 08.03.23 (33) AU
 (43) 26.09.2024
 (72) Khoury, Edward Joseph; Khoury, Antonie Arthur
 (74) Armour IP

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(71) Centro de Tecnologia Canavieira S.A.; CTC Genomics, LLC
 (11) AU-A-2023201509
 (21) 2023201509 (22) 10.03.2023
 (54) Methods of sugarcane transformation using morphogenes
 (51) Int. Cl.
 C12N 15/82 (2006.01)
 C07K 14/415 (2006.01)
 (43) 26.09.2024
 (72) KHAN, Tanveer; ALESSIO, Valter Mitotto; CORREA, Joao Paulo de Oliveira; GARCIA, Carlos Manuel Hernandez; CONEVA, Viktoriya; ZHU, Chuanmei
 (74) Spruson & Ferguson

(71) CommScope Technologies LLC
 (11) AU-A-2024219362
 (21) 2024219362 (22) 04.09.2024
 (54) Connectors and contacts for a single twisted pair of conductors
 (51) Int. Cl.
 H01R 4/12 (2006.01)
 H01R 13/648 (2006.01)
 H01R 24/62 (2011.01)
 (43) 26.09.2024
 (62) 2019223204
 (72) TOBEY, Shawn Phillip; PEPE, Paul John; KEITH, Scott Martin; OBERSKI, Jeffrey A.
 (74) Davies Collison Cave Pty Ltd

(71) Compagnie Generale des Etablissements Michelin
 (11) AU-A-2024219370
 (21) 2024219370 (22) 04.09.2024
 (54) NON-PNEUMATIC TIRE SPOKE WITH IMPROVED ELASTOMERIC JOINT BODY
 (51) Int. Cl.
 B60C 7/18 (2006.01)
 B60C 7/24 (2006.01)
 (43) 26.09.2024
 (62) 2019478722
 (72) MILES, Kevin Corbett; CRON, Steven M.
 (74) Griffith Hack

(71) Compagnie Generale des Etablissements Michelin
 (11) AU-A-2024219413
 (21) 2024219413 (22) 05.09.2024
 (54) NON-PNEUMATIC TIRE SPOKE WITH IMPROVED ELASTOMERIC JOINT BODY
 (51) Int. Cl.
 B60C 7/18 (2006.01)
 (43) 26.09.2024
 (62) 2019479101
 (72) MILES, Kevin Corbett; CRON, Steven M.
 (74) Griffith Hack

(71) Coulter Ventures LLC
 (11) AU-A-2024219483
 (21) 2024219483 (22) 06.09.2024
 (54) Adjustable carriage assembly for pivotable arm for weight rack
 (51) Int. Cl.
 A63B 21/062 (2006.01)
 A63B 17/00 (2006.01)
 A63B 21/055 (2006.01)
 A63B 21/06 (2006.01)
 A63B 21/065 (2006.01)
 A63B 21/072 (2006.01)
 A63B 21/078 (2006.01)
 A63B 21/08 (2006.01)
 A63B 21/16 (2006.01)
 A63B 23/035 (2006.01)
 A63B 23/04 (2006.01)
 (43) 26.09.2024
 (62) 2022246383
 (72) JONES, Ahmik; CARMICHAEL, James; HENNIGER, Bill; ROBERTO, Anthony; SERGAKIS, Emmanuel; ADAMS, Bryan; SCOTT, Austin
 (74) Griffith Hack

(71) CS Genetics Limited
 (11) AU-A-2024216405
 (21) 2024216405 (22) 28.08.2024
 (54) Reagents and methods for the analysis of linked nucleic acids
 (51) Int. Cl.
 C12Q 1/6827 (2018.01)
 C12Q 1/6809 (2018.01)
 (43) 26.09.2024
 (62) 2017381296
 (72) EDELMAN, Lucas Brandon
 (74) FB Rice Pty Ltd

CTC Genomics, LLC see Centro de Tecnologia Canavieira S.A.
 (21) 2023201509

(71) Cypher Medical, LLC
 (11) AU-A-2024205583
 (21) 2024205583 (22) 07.08.2024
 (54) METHOD OF ESTIMATING BLOOD VOLUME
 (51) Int. Cl.
 A61B 5/157 (2006.01)
 A61J 1/05 (2006.01)
 A61M 1/00 (2006.01)

(43) 26.09.2024
 (62) 2023202841
 (72) Carew, Christopher; Ling, Jian; Duperier III, Harold T.
 (74) Dark IP

(71) DALIAN HUARUI HEAVY INDUSTRY GROUP CO., LTD
 (11) AU-A-2023282214
 (21) 2023282214 (22) 03.04.2023
 (54) Automatic bucket turnover device
 (51) Int. Cl.
 B65G 65/20 (2006.01)
 E02F 3/24 (2006.01)
 E02F 9/00 (2006.01)
 (31) 202310215113.2 (32) 08.03.23 (33) CN
 (43) 26.09.2024
 (72) MA, Chao; JI, Weidong; WANG, Peng; ZHAO, Yutang; GUO, Yongkang; LI, Chengbin; GROSSHAMMER, Harald; ELLIS, Matthew Arthur
 (74) Davies Collison Cave Pty Ltd

(71) Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation
 (11) AU-A-2024219404
 (21) 2024219404 (22) 05.09.2024
 (54) COMPOSITIONS AND METHODS OF IDENTIFYING TUMOR SPECIFIC NEOANTIGENS
 (51) Int. Cl.
 G01N 33/53 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
 C12Q 1/68 (2018.01)
 G01N 33/68 (2006.01)
 (43) 26.09.2024
 (62) 2021205080
 (72) Hacohen, Nir; Wu, Catherine
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Deere & Company
 (11) AU-A-2024200750
 (21) 2024200750 (22) 07.02.2024
 (54) Systems and methods for selective fertilizer placement
 (51) Int. Cl.
 A01B 49/06 (2006.01)
 A01C 7/06 (2006.01)
 A01C 7/08 (2006.01)
 A01C 23/00 (2006.01)
 (31) 18/181828 (32) 10.03.23 (33) US
 (43) 26.09.2024
 (72) BHARATIYA, Paresh; STEELE, Michael C.; MCMACKIN, Lester
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2024200778
 (21) 2024200778 (22) 08.02.2024
 (54) Agricultural camera confidence
 (51) Int. Cl.
 A01C 7/10 (2006.01)
 A01B 79/02 (2006.01)
 A01C 5/06 (2006.01)
 G06T 7/00 (2017.01)
 G06V 10/98 (2022.01)

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- (74) Davies Collison Cave Pty Ltd
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- (71) Deere & Company
(11) AU-A-2024219411
(21) 2024219411 (22) 05.09.2024
(54) Draft sensor for agricultural spraying
(51) Int. Cl.
A01G 25/06 (2006.01)
A01D 23/04 (2006.01)
A01M 7/00 (2006.01)
- (43) 26.09.2024
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(72) Barker, Mark E.; Humpal, Richard A.; Wells, Aaron A.
- (74) Davies Collison Cave Pty Ltd
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- (71) Dexcom, Inc.
(11) AU-A-2024219378
(21) 2024219378 (22) 04.09.2024
(54) User interfaces for continuous glucose monitoring
(51) Int. Cl.
G16H 10/00 (2018.01)
- (43) 26.09.2024
(62) 2022246384
(72) KOEHLER, Katherine Yerre; CABRERA, Esteban; COHEN, Eric; DERVAES, Mark; DRAEGER, Rian; GAANO, Sheryl Sadsarin; HALL, Thomas; KRAMER, Paul; LARVENZ, Shawn; MENSINGER, Michael Robert; NOBLE-CAMPBELL, Paul; PAL, Andrew Attila; REIHMAN, Eli; SMITH, Brian Christopher; TRAVEN, Angela Marie
- (74) FB Rice Pty Ltd
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- (71) Dexcom, Inc.
(11) AU-A-2024219462
(21) 2024219462 (22) 06.09.2024
(54) Continuous glucose monitors and related sensors utilizing mixed model and bayesian calibration algorithms
(51) Int. Cl.
A61B 5/00 (2006.01)
- (43) 26.09.2024
(62) 2018319524
(72) VANSLYKE, Stephen J.; ACCIAROLI, Giada; VETTORETTI, Martina; FACCHINETTI, Andrea; SPARACINO, Giovanni
- (74) FB Rice Pty Ltd
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- (71) DexYP
(11) AU-A-2024219486
(21) 2024219486 (22) 06.09.2024
(54) Method and system for lead budget allocation and optimization on a multi-channel multi-media campaign management and payment platform
(51) Int. Cl.
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- (71) Dolby International AB
(11) AU-A-2024219410
(21) 2024219410 (22) 05.09.2024
(54) Method and device for arithmetic encoding or arithmetic decoding
(51) Int. Cl.
H03M 7/40 (2006.01)
- (43) 26.09.2024
(62) 2023226688
(72) WUEBBOLT, Oliver
- (74) Spruson & Ferguson
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- (71) Dolby Laboratories Licensing Corporation
(11) AU-A-2024219367
(21) 2024219367 (22) 04.09.2024
(54) Generating binaural audio in response to multi-channel audio using at least one feedback delay network
(51) Int. Cl.
H04S 3/00 (2006.01)
- (43) 26.09.2024
(62) 2023203442
(72) YEN, Kuan-Chieh; BREEBAART, Dirk J.; DAVIDSON, Grant A.; WILSON, Rhonda; COOPER, David M.; SHUANG, Zhiwei
- (74) Spruson & Ferguson
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- (71) Dolby Laboratories Licensing Corporation
(11) AU-A-2024219402
(21) 2024219402 (22) 05.09.2024
(54) Image reshaping in video coding using rate distortion optimization
(51) Int. Cl.
H04N 19/503 (2014.01)
H04N 19/107 (2014.01)
H04N 19/117 (2014.01)
H04N 19/147 (2014.01)
H04N 19/159 (2014.01)
H04N 19/176 (2014.01)
H04N 19/46 (2014.01)
H04N 19/82 (2014.01)
H04N 19/85 (2014.01)
- (43) 26.09.2024
(62) 2023203814
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- (74) Spruson & Ferguson
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- (71) DoorDash Inc.
(11) AU-A-2024219433
(21) 2024219433 (22) 05.09.2024
(54) System and Method for Dynamic Pairing Function Optimization
(51) Int. Cl.
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- G06F 16/22 (2019.01)
G06F 16/31 (2019.01)
G06Q 10/06 (2023.01)
G06Q 30/02 (2023.01)
- (43) 26.09.2024
(62) 2019270910
(72) PETERSON, Stephanie; YOGEV, Or
- (74) Spruson & Ferguson
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- G06Q 10/08 (2023.01)
- (43) 26.09.2024
(62) 2018375264
(72) CHOPRA, Rohan Balraj; HWANG, Richard; HAN, Jeff Ning
- (74) mdp Patent and Trade Mark Attorneys
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- (71) ECO Garage Doors Pty Ltd
(11) AU-A-2024200420
(21) 2024200420 (22) 23.01.2024
(54) Handling elongate items
(51) Int. Cl.
B65G 57/18 (2006.01)
B65G 1/04 (2006.01)
- (31) 2023900596 (32) 06.03.23 (33) AU
(43) 26.09.2024
(72) DANG, Toan
- (74) BRM Patent Attorneys Pty Ltd
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- (71) Ecole de technologie superieure
(11) AU-A-2024219465
(21) 2024219465 (22) 06.09.2024
(54) SYSTEM AND METHOD FOR DETERMINING AN IN-EAR NONVERBAL AUDIO EVENT OF AN AUDIO SIGNAL
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
G06N 20/00 (2019.01)
G16H 50/20 (2018.01)
- (43) 26.09.2024
(62) 2018354718
(72) VOIX, Jérémie; MONSARRAT-CHANON, Hami; BOU SERHAL, Rachel; CARDINAL, Patrick; CHABOT, Philippe
- (74) Anderson IP
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- (71) Equifax Inc.
(11) AU-A-2024201577
(21) 2024201577 (22) 08.03.2024
(54) Automatically generating search indexes for expediting searching of a computerized database
(51) Int. Cl.
G06F 16/31 (2019.01)
G06F 16/33 (2019.01)
- (31) 18/181,785 (32) 10.03.23 (33) US
(43) 26.09.2024
(72) SIVARAJ, Sunit; CYZIO, Marek Ludomir; SYED, Haroon; SYED, Khizer Daniyal
- (74) FB Rice Pty Ltd
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- (71) Fisher & Paykel Healthcare Limited
(11) AU-A-2024219421
(21) 2024219421 (22) 05.09.2024
(54) ACTIVE SMOKE FILTRATION FOR INSUFFLATION
(51) Int. Cl.
A61M 13/00 (2006.01)
- (43) 26.09.2024
(62) 2022204183
(72) Surendra, Wisnu Arya; Ghalib, Ali Ghalib Abdul Rahman; Dor-Zidon, Shahar; Strevens, Joseph Patrick Walter; Blackhurst, Michael Joseph
- (74) Chapman Tripp Patents Limited

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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2024219443
 (21) 2024219443 (22) 06.09.2024
 (54) A PATIENT INTERFACE
 (51) Int. Cl.
A61M 16/06 (2006.01)
 (43) 26.09.2024
 (62) 2021236482
 (72) Hopkins, Caroline Geraldine; Wilson, Daniel Charles; Ronayne, Michael Paul; Zhang, Puqing; Milne, Robert Andrew David; White, Craig Karl; Shearer, Riki Zane
 (74) AJ PARK
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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2024219506
 (21) 2024219506 (22) 09.09.2024
 (54) FLOW PATH SENSING FOR FLOW THERAPY APPARATUS
 (51) Int. Cl.
A61M 16/00 (2006.01)
A61M 16/12 (2006.01)
 (43) 26.09.2024
 (62) 2022203383
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 (74) AJ PARK
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- (71) Freeport-McMoRan Inc.
 (11) AU-A-2024219384
 (21) 2024219384 (22) 04.09.2024
 (54) Methods and systems for deploying equipment required to meet defined production targets
 (51) Int. Cl.
G06Q 50/02 (2012.01)
 (43) 26.09.2024
 (62) 2023203092
 (72) WALKER, Mary Amelia; HICKSON, Nicholas; CATRON, Robert; VAUGHAN, Brian; LU, Hung Jung
 (74) GLMR
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- (71) GENODX PTY LTD
 (11) AU-A-2024219424
 (21) 2024219424 (22) 05.09.2024
 (54) Biomarkers and uses therefor
 (51) Int. Cl.
C12Q 1/6883 (2018.01)
G01N 33/68 (2006.01)
 (43) 26.09.2024
 (62) 2022375208
 (72) RAPISARDA, Antony; FOX, Brian Andrew
 (74) Davies Collison Cave Pty Ltd
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- (71) Gen-Probe Incorporated
 (11) AU-A-2024219342
 (21) 2024219342 (22) 03.09.2024
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- (54) Far-red dye probe formulations
 (51) Int. Cl.
C12Q 1/6818 (2018.01)
 (43) 26.09.2024
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 (74) FB Rice Pty Ltd
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- (71) GeoTech Technologies Ltd.
 (11) AU-A-2024219469
 (21) 2024219469 (22) 06.09.2024
 (54) GEOCELL WITH IMPROVED COMPACTION AND DEFORMATION RESISTANCE
 (51) Int. Cl.
E02D 31/00 (2006.01)
E01B 2/00 (2006.01)
E01C 3/00 (2006.01)
E01C 3/04 (2006.01)
 (43) 26.09.2024
 (62) 2022201815
 (72) HALAHMI, Izhar; EREZ, Oded
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) Globeride, Inc.
 (11) AU-A-2023282190
 (21) 2023282190 (22) 12.12.2023
 (54) FISHING ROD
 (51) Int. Cl.
A01K 87/00 (2006.01)
H01R 13/622 (2006.01)
H01R 13/623 (2006.01)
H01R 13/625 (2006.01)
 (31) 2023-035430 (32) 08.03.23 (33) JP
 (43) 26.09.2024
 (72) NAKAGAWA, Shintaro
 (74) Griffith Hack
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- (71) Globeride, Inc.
 (11) AU-A-2023285719
 (21) 2023285719 (22) 19.12.2023
 (54) FISHING ROD
 (51) Int. Cl.
A01K 87/08 (2006.01)
 (31) 2023-035166 (32) 08.03.23 (33) JP
 (43) 26.09.2024
 (72) NAKAGAWA, Shintaro; YAMAMOTO, Hirokazu
 (74) Griffith Hack
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- (71) GRIP HOLDINGS LLC
 (11) AU-A-2024219451
 (21) 2024219451 (22) 06.09.2024
 (54) Advanced holding apparatus
 (51) Int. Cl.
B25B 23/10 (2006.01)
F16B 23/00 (2006.01)
 (43) 26.09.2024
 (62) 2022373184
 (72) KUKUCKA, Paul; KUKUCKA, Thomas Stefan
 (74) A.P.T. Patent and Trade Mark Attorneys
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 (11) AU-A-2024219401
 (21) 2024219401 (22) 05.09.2024
 (54) Merge mode-based inter-prediction method and apparatus
 (51) Int. Cl.
H04N 19/587 (2014.01)
H04N 19/109 (2014.01)
H04N 19/11 (2014.01)
H04N 19/176 (2014.01)
H04N 19/513 (2014.01)
H04N 19/593 (2014.01)
H04N 19/70 (2014.01)
 (43) 26.09.2024
 (62) 2019292471
 (72) KIM, Ki Baek
 (74) Spruson & Ferguson
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- (71) HIFIBiO SAS
 (11) AU-A-2024219390
 (21) 2024219390 (22) 04.09.2024
 (54) Single cell analysis
 (51) Int. Cl.
C12Q 1/68 (2018.01)
C12N 15/10 (2006.01)
 (43) 26.09.2024
 (62) 2018234084
 (72) REICHEN, Marcel; REITZ, Arnaud; SHEN, Bingqing; ELLOUZE, Sami; GERARD, Annabelle
 (74) FB Rice Pty Ltd
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- (71) HONEYWELL INTERNATIONAL INC.
 (11) AU-A-2024200797
 (21) 2024200797 (22) 08.02.2024
 (54) INERTIAL MEASUREMENT UNIT (IMU) WITH BLENDING OF OUTPUTS FROM AN ARRAY OF MICRO-ELECTROMECHANICAL SYSTEM (MEMS) SENSORS
 (51) Int. Cl.
G01C 25/00 (2006.01)
B81B 7/04 (2006.01)
G01C 21/16 (2006.01)
G01D 1/16 (2006.01)
 (31) 18/179609 (32) 07.03.23 (33) US
 (43) 26.09.2024
 (72) MAUER, Christopher J.; LI, Shuang; SHEN, Zhizhen; LI, Jingwei
 (74) Davies Collison Cave Pty Ltd
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- (71) HOWMEDICA OSTEONICS CORP.
 (11) AU-A-2024201468
 (21) 2024201468 (22) 06.03.2024
 (54) UNIVERSAL INSERT-BASEPLATE INTERFACE AND INSERT FOR TIBIOFEMORAL ARTICULAR CONGRUENCY
 (51) Int. Cl.
A61F 2/38 (2006.01)
A61B 17/56 (2006.01)
A61B 17/58 (2006.01)
A61B 17/68 (2006.01)
A61B 34/10 (2016.01)
A61F 2/30 (2006.01)
A61F 2/40 (2006.01)
A61F 2/46 (2006.01)
 (31) 63/450,154 (32) 06.03.23 (33) US

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(43) 26.09.2024
 (72) COLLAZO, Carlos E
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024219361
 (21) 2024219361 (22) 04.09.2024
 (54) RELATION BETWEEN PARTITION CONSTRAINT ELEMENTS

(51) Int. Cl.
 H04N 19/105 (2014.01)
 H04N 19/186 (2014.01)

(43) 26.09.2024
 (62) 2023202264
 (72) Gao, Han; Esenlik, Semih; Chen, Jianle; Kotra, Anand Meher; Wang, Biao; Zhao, Zhijie
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024219474
 (21) 2024219474 (22) 06.09.2024
 (54) IMAGE PREDICTION METHOD, APPARATUS, AND SYSTEM, DEVICE, AND STORAGE MEDIUM

(51) Int. Cl.
 H04N 19/00 (2014.01)

(43) 26.09.2024
 (62) 2020205376
 (72) Zhao, Yin; Yang, Haitao; Chen, Jianle; Zhang, Lian
 (74) PHILLIPS ORMONDE FITZPATRICK

Huesker, Inc. see MKB Company, LLC
 (21) 2024219460

(71) Hummingbird Solutions Inc.
 (11) AU-A-2024201420
 (21) 2024201420 (22) 04.03.2024
 (54) METHOD AND SYSTEM FOR CALCULATING THE MASS OF MATERIAL IN AN EXCAVATING MACHINE BUCKET

(51) Int. Cl.
 E02F 9/26 (2006.01)
 E02F 9/22 (2006.01)

(31) 18/178,986 (32) 06.03.23 (33) US
 18/365,998 06.08.23 US
 18/485,153 11.10.23 US
 (43) 26.09.2024
 (72) CONSTANCON, Charles; YAGHINI, Ali
 (74) Wallington-Dummer

(71) IHI Corporation
 (11) AU-A-2024200701
 (21) 2024200701 (22) 06.02.2024
 (54) Operation support device, operation support method, and operation support program

(51) Int. Cl.
 G06Q 50/06 (2012.01)
 G01R 31/36 (2020.01)
 G06Q 10/04 (2023.01)
 H02J 3/28 (2006.01)
 H02J 7/00 (2006.01)

(31) 2023-035812 (32) 08.03.23 (33) JP

(43) 26.09.2024
 (72) Hamaguchi, Kenichi; Inamura, Akinobu
 (74) FPA Patent Attorneys Pty Ltd

(71) International Business Machines Corporation
 (11) AU-A-2024219400
 (21) 2024219400 (22) 05.09.2024
 (54) Quantum coupler facilitating suppression of ZZ interactions between qubits

(51) Int. Cl.
 H03K 19/195 (2006.01)
 H03K 19/0175 (2006.01)
 G06N 10/00 (2022.01)

(43) 26.09.2024
 (62) 2021301163
 (72) FINCK, Aaron; BLAIR, John; CARNIOL, April; DIAL, Oliver; KUMPH, Muir
 (74) Spruson & Ferguson

(71) IntraMont Technologies, Inc.
 (11) AU-A-2024219419
 (21) 2024219419 (22) 05.09.2024
 (54) Preparations for the prevention of illnesses acquired via the oral cavity and pharynx

(51) Int. Cl.
 A61K 6/00 (2020.01)
 A61K 8/19 (2006.01)
 A61K 8/25 (2006.01)

(43) 26.09.2024
 (62) 2020235666
 (72) MONTES, Joseph G.; INTRATER, James
 (74) Spruson & Ferguson

(71) IRP Health Pty Ltd
 (11) AU-A-2024219381
 (21) 2024219381 (22) 04.09.2024
 (54) Berberine alkaloids in the prevention and/or treatment of intestinal disease

(51) Int. Cl.
 A61K 31/4375 (2006.01)
 A23K 10/00 (2016.01)
 A23K 20/00 (2016.01)
 A61P 31/00 (2006.01)
 A61P 33/00 (2006.01)

(43) 26.09.2024
 (62) 2018241231
 (72) Yu, David Xiang; Xiao, Zhicheng; Pouton, Colin; He, Zhiyong
 (74) FB Rice Pty Ltd

(71) James L. Orrington, II D.D.S., P.C.
 (11) AU-A-2024205840
 (21) 2024205840 (22) 16.08.2024
 (54) GAS PURIFICATION APPARATUS FOR NASAL APPLICATION

(51) Int. Cl.
 A62B 7/10 (2006.01)
 A61L 9/00 (2006.01)
 A61M 15/08 (2006.01)
 A61M 16/06 (2006.01)
 A62B 9/00 (2006.01)
 A62B 21/00 (2006.01)
 A62B 23/00 (2006.01)
 B01D 39/00 (2006.01)

B01D 46/00 (2022.01)
 (31) 18/753,277 (32) 25.06.24 (33) US
 (43) 26.09.2024
 (62) 2022441592
 (72) Orrington, II, James L.; Orrington-Myers, Janie; Henry, Brandi Marie
 (74) Michael Buck IP

(71) Janssen Biotech, Inc.
 (11) AU-A-2024219359
 (21) 2024219359 (22) 03.09.2024
 (54) FC engineered anti-TNFR superfamily member antibodies having enhanced agonistic activity and methods of using them

(51) Int. Cl.
 C07K 16/12 (2006.01)
 C07K 16/28 (2006.01)
 C07K 16/40 (2006.01)

(43) 26.09.2024
 (62) 2017308734
 (72) Chiu, Mark; Zhang, Di
 (74) Spruson & Ferguson

(71) Jinko Solar (Haining) Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
 (11) AU-A-2023216746
 (21) 2023216746 (22) 14.08.2023
 (54) PHOTOVOLTAIC CURTAIN WALL AND METHOD FOR MANUFACTURING PHOTOVOLTAIC CURTAIN WALL

(51) Int. Cl.
 H01L 31/048 (2014.01)
 E04B 2/88 (2006.01)
 H02S 30/00 (2014.01)

(31) 202310246932.3 (32) 09.03.23 (33) CN
 202310254785.4 09.03.23 CN
 202320509104.X 09.03.23 CN
 (43) 26.09.2024
 (72) Tao, Chunhua; Fang, Neng; Xiao, Pengjun; Cui, Biao; Wang, Juan; Yang, Sen; Dai, Zhigang; Li, Bo
 (74) Madderns Pty Ltd

(71) Juul Labs, Inc.
 (11) AU-A-2024219500
 (21) 2024219500 (22) 09.09.2024
 (54) Vaporization device systems and methods

(51) Int. Cl.
 A24F 1/22 (2006.01)
 (43) 26.09.2024
 (62) 2022202945
 (72) MONSEES, James; BOWEN, Adam; HATTON, Nicholas J.; CHRISTENSEN, Steven; ATKINS, Ariel; LOMELI, Kevin; HIBMACRONAN, Christopher Nicholas; MORENSTEIN, Joshua
 (74) Spruson & Ferguson

kim, e. see Kim, E.
 (21) 2024203696

(71) Kim, E.; kim, e.
 (11) AU-A-2024203696
 (21) 2024203696 (22) 31.05.2024

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(54) EXERCISE METHOD AND DEVICE
 (51) Int. Cl.
A63B 23/04 (2006.01)
A63B 21/00 (2006.01)
A63B 21/02 (2006.01)
A63B 22/00 (2006.01)
A63B 22/06 (2006.01)
 (43) 26.09.2024
 (62) 2021282825
 (72) KIM, Eun Bee
 (74) eun bee kim

(71) LESHER, G.
 (11) AU-A-2023201487
 (21) 2023201487 (22) 09.03.2023
 (54) Apparatus and method of obtaining potable water from impure water source
 (51) Int. Cl.
C02F 1/14 (2023.01)
B01D 1/00 (2006.01)
B01D 5/00 (2006.01)
C02F 1/04 (2023.01)
C02F 1/26 (2023.01)
C02F 103/00 (2006.01)
C02F 103/06 (2006.01)
C02F 103/08 (2006.01)
 (43) 26.09.2024
 (72) LESHER, GREGORY
 (74) Patent Attorney Services

(71) Lexmark International, Inc.
 (11) AU-A-2024219431
 (21) 2024219431 (22) 05.09.2024
 (54) Communication between an Image Forming Device and a Replaceable Supply Item
 (51) Int. Cl.
H04N 1/32 (2006.01)
G03G 15/08 (2006.01)
G06F 13/12 (2006.01)
G06F 13/42 (2006.01)
H04N 1/23 (2006.01)
 (43) 26.09.2024
 (62) 2019252429
 (72) FOLEY, Nathan Wayne; WILLIAMS, Jennifer Topmiller; WOODS, Gregory Scott; MOORE, Jimmy Daniel
 (74) WRAYS PTY LTD

(71) LG Electronics Inc.
 (11) AU-A-2024201367
 (21) 2024201367 (22) 29.02.2024
 (54) Refrigerator
 (51) Int. Cl.
E05F 3/04 (2006.01)
E05D 11/06 (2006.01)
E05F 1/10 (2006.01)
E05F 3/00 (2006.01)
E05F 5/00 (2017.01)
 (31) 10-2023-0029590 (32) 07.03.23 (33) KR
 (43) 26.09.2024
 (72) LEE, Sunghun; KANG, Daekil
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.
 (11) AU-A-2024201538
 (21) 2024201538 (22) 07.03.2024

(54) DISPLAY DEVICE
 (51) Int. Cl.
G06F 1/16 (2006.01)
G09F 9/30 (2006.01)
H05K 5/02 (2006.01)
 (31) 10-2023-0030313 (32) 08.03.23 (33) KR
 (43) 26.09.2024
 (72) Jeon, Kukyoul; Choi, Kwangho
 (74) Dentons Patent Attorneys Australasia Limited

(71) Licella Pty Ltd
 (11) AU-A-2024219448
 (21) 2024219448 (22) 06.09.2024
 (54) Biorefining method
 (51) Int. Cl.
C10L 1/00 (2006.01)
B01J 8/00 (2006.01)
C10G 1/04 (2006.01)
 (43) 26.09.2024
 (62) 2022208554
 (72) DOWNIE, Robert; HUMPHREYS, Leonard James; MASCHMEYER, Thomas; ROWLANDS, William Neil
 (74) Spruson & Ferguson

(71) Lucid Circuit, Inc.
 (11) AU-A-2024219438
 (21) 2024219438 (22) 05.09.2024
 (54) Systems And Methods For Autonomous Hardware Compute Resiliency
 (51) Int. Cl.
G06F 15/173 (2006.01)
G06F 15/177 (2006.01)
H04L 9/32 (2006.01)
 (43) 26.09.2024
 (62) 2019287432
 (72) SIKA, Michel D.
 (74) WRAYS PTY LTD

(71) Ludwig Institute for Cancer Research Ltd.
 (11) AU-A-2024219468
 (21) 2024219468 (22) 06.09.2024
 (54) Specific binding proteins and uses thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
G01N 33/50 (2006.01)
G01N 33/574 (2006.01)
 (43) 26.09.2024
 (62) 2021201724
 (72) OLD, Lloyd J.; JONHS, Terrance Grant; PANOUSIS, Con; SCOTT, Andrew Mark; RENNER, Christoph; RITTER, Gerd; JUNGBLUTH, Achim; STOCK-ERT, Elizabeth; COLLINS, Peter; CAVENEE, Webster K.; HUANG, Huei-Jen Su; BURGESS, Antony Wilks; NICE, Edouard Collins; MURRAY, Anne; MARK, George
 (74) Spruson & Ferguson

(71) MasterCard International Incorporated
 (11) AU-A-2024219386

(21) 2024219386 (22) 04.09.2024
 (54) Access to ACH transaction functionality via digital wallets
 (51) Int. Cl.
G06Q 20/38 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/40 (2012.01)
 (43) 26.09.2024
 (62) 2018355090
 (72) BARBUTO, Frank Charles; XU, Wei
 (74) Davies Collison Cave Pty Ltd

(71) Merck Patent GmbH
 (11) AU-A-2024219446
 (21) 2024219446 (22) 06.09.2024
 (54) Combination therapy for cancer
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 31/282 (2006.01)
A61K 31/513 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/71 (2006.01)
 (43) 26.09.2024
 (62) 2017310027
 (72) LO, Kin-Ming; LAN, Yan
 (74) Spruson & Ferguson

(71) Mesoblast, Inc.
 (11) AU-A-2024219325
 (21) 2024219325 (22) 03.09.2024
 (54) Isolation of adult multipotential cells by tissue non-specific alkaline phosphatase
 (51) Int. Cl.
C12N 5/02 (2006.01)
A61K 35/28 (2015.01)
A61P 9/00 (2006.01)
A61P 19/00 (2006.01)
C12N 5/0775 (2010.01)
C12Q 1/42 (2006.01)
 (43) 26.09.2024
 (62) 2021277774
 (72) Zannettino, Andrew Christopher William; Simmons, Paul John; Gronthos, Stan
 (74) FB Rice Pty Ltd

(71) MKB Company, LLC; Huesker, Inc.
 (11) AU-A-2024219460
 (21) 2024219460 (22) 06.09.2024
 (54) Silt fence configured for capturing pollutants
 (51) Int. Cl.
E02B 15/06 (2006.01)
B32B 7/02 (2019.01)
 (43) 26.09.2024
 (62) 2022268392
 (72) ZOCK, Michael A.; McCLINTON, Roy G.
 (74) Spruson & Ferguson

(71) MTI Biotech, Inc.
 (11) AU-A-2024219449
 (21) 2024219449 (22) 06.09.2024

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(54) Compositions and methods of use of gamma-ketoaldehyde scavengers for treating, preventing or improving fibrosis of the liver
 (51) Int. Cl.
A61K 31/197 (2006.01)
A61K 31/353 (2006.01)
A61K 31/355 (2006.01)
 (43) 26.09.2024
 (62) 2018330416
 (72) RATHMACHER, John; ABUMRAD, Najj; FLYNN, Charles
 (74) Spruson & Ferguson

Nanotech Energy, Inc. see The Regents of the University of California
 (21) 2024219379

(71) Network Integrity Systems, Inc
 (11) AU-A-2024219481
 (21) 2024219481 (22) 06.09.2024
 (54) INTRUSION DETECTION ALGORITHM WITH REDUCED TUNING REQUIREMENT
 (51) Int. Cl.
G01D 5/353 (2006.01)
G08B 13/186 (2006.01)
 (43) 26.09.2024
 (62) 2023214386
 (72) MURPHY, Cary R.; GOERTZEN, Daniel M.; BRIDGES, Mark K.; GIOVANNINI, Joseph
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

Ningbo Combireg Pharmaceutical Technology Co., Ltd see Shenzhen Salubris Pharmaceuticals Co. Ltd
 (21) 2024219393

(71) NOOSA NATURAL VET PTY. LTD.
 (11) AU-A-2023201495
 (21) 2023201495 (22) 10.03.2023
 (54) TC Healer device
 (51) Int. Cl.
A61H 39/00 (2006.01)
A61N 2/00 (2006.01)
 (43) 26.09.2024
 (72) Bright, Garry
 (74) NOOSA NATURAL VET PTY. LTD.

(71) NOVY
 (11) AU-A-2024201088
 (21) 2024201088 (22) 20.02.2024
 (54) Method for securing an induction cooking device under a worktop
 (51) Int. Cl.
H05B 6/12 (2006.01)
F24C 15/10 (2006.01)
F24C 15/30 (2006.01)
 (31) BE2023/5171 (32) 08.03.23 (33) BE
 (43) 26.09.2024
 (72) GRUWEZ, Lucas; FEYS, Randy; SABBE, Dries; HUISSEUNE, Henk
 (74) Michael Buck IP

(71) NuVasive, Inc.
 (11) AU-A-2024201572
 (21) 2024201572 (22) 08.03.2024
 (54) ANCHORING NAILS AND SYSTEMS
 (51) Int. Cl.
A61B 17/70 (2006.01)
A61B 17/84 (2006.01)
 (31) 63/450,711 (32) 08.03.23 (33) US
 18/592,702 01.03.24 US
 (43) 26.09.2024
 (72) Baurys, Joseph W.; Ovrom, Elizabeth L.; Lillig, Steven
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) NuVasive, Inc.
 (11) AU-A-2024201574
 (21) 2024201574 (22) 08.03.2024
 (54) PERCUTANEOUS POSTERIOR FIXATION
 (51) Int. Cl.
A61B 17/84 (2006.01)
A61B 17/70 (2006.01)
 (31) 63/450,710 (32) 08.03.23 (33) US
 18/584,474 22.02.24 US
 (43) 26.09.2024
 (72) Chun, Hayden H.; Jacobs, Matthew Tobias
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Ocado Innovation Limited
 (11) AU-A-2024219456
 (21) 2024219456 (22) 06.09.2024
 (54) Apparatus and method for charging a load handling device
 (51) Int. Cl.
B65G 1/04 (2006.01)
 (43) 26.09.2024
 (62) 2021213892
 (72) STADIE, Robert; HABBEN, Keith
 (74) James & Wells Intellectual Property

(71) Owens-Brockway Glass Container Inc.
 (11) AU-A-2024219406
 (21) 2024219406 (22) 05.09.2024
 (54) Stilling vessel for submerged combustion melter
 (51) Int. Cl.
C03B 5/225 (2006.01)
C03B 5/235 (2006.01)
C03B 7/06 (2006.01)
 (43) 26.09.2024
 (62) 2020357836
 (72) RASHLEY, Shane T.; SOLEY, David
 (74) Spruson & Ferguson

(71) Owens-Brockway Glass Container Inc.
 (11) AU-A-2024219409
 (21) 2024219409 (22) 05.09.2024
 (54) Stilling vessel for submerged combustion melter
 (51) Int. Cl.
C03B 5/225 (2006.01)
C03B 5/235 (2006.01)
C03B 7/06 (2006.01)

(43) 26.09.2024
 (62) 2020357836
 (72) RASHLEY, Shane T.; SOLEY, David
 (74) Spruson & Ferguson

(71) Pandion Operations, Inc.
 (11) AU-A-2024216451
 (21) 2024216451 (22) 29.08.2024
 (54) IL-2 muteins and uses thereof
 (51) Int. Cl.
A61K 38/20 (2006.01)
A61K 47/68 (2017.01)
A61P 29/00 (2006.01)
A61P 37/02 (2006.01)
A61P 37/04 (2006.01)
A61P 37/06 (2006.01)
 (43) 26.09.2024
 (62) 2018378078
 (72) HIGGINSON-SCOTT, Nathan; VINEY, Joanne L.; VISWESWARAIAH, Jyothsna; SAMPSON, Erik Robert; OTI-POBY, Kevin Lewis
 (74) FB Rice Pty Ltd

(71) PayPal, Inc.
 (11) AU-A-2024219388
 (21) 2024219388 (22) 04.09.2024
 (54) Secure QR code based data transfers
 (51) Int. Cl.
G06Q 20/38 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/40 (2012.01)
G06Q 30/06 (2023.01)
 (43) 26.09.2024
 (62) 2018395250
 (72) JAMKHEDKAR, Prashant; BABCOCK, Patrick; GANAPATHY, Anant; XUE, Haoyu; LENG, Jie; KULKARNI, Amarnath
 (74) FPA Patent Attorneys Pty Ltd

Peking University see Beijing LongRuan Technologies Inc.
 (21) 2024201527

(71) Penalba, M.
 (11) AU-A-2023201382
 (21) 2023201382 (22) 07.03.2023
 (54) Modular high efficiency electric motor
 (51) Int. Cl.
H02K 16/00 (2006.01)
H02K 5/20 (2006.01)
H02K 7/00 (2006.01)
H02K 9/19 (2006.01)
 (43) 26.09.2024
 (72) Penalba, Marlon
 (74) Marlon Pasi Penalba

(71) perma-tec GmbH & Co. KG
 (11) AU-A-2024201556
 (21) 2024201556 (22) 08.03.2024
 (54) Method of diagnosing and/or monitoring a lubricant dispenser
 (51) Int. Cl.
G05B 23/02 (2006.01)
G05B 13/00 (2006.01)

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(31) 10.2023.105.820.7 (32) 09.03.23 (33) DE
(43) 26.09.2024
(72) GRAF, Paul; HAUPT, Thomas; LENHART, Matthias
(74) Spruson & Ferguson

(71) Polytone Laser Inc.
(11) AU-A-2024201389
(21) 2024201389 (22) 01.03.2024
(54) NON-INVASIVE, DYNAMIC, MULTI-WAVELENGTH, MULTI-NODE PHOTOBIO-MODULATION THERAPY METHODS AND SYSTEMS FOR TREATMENT OF COMPLEX DISEASES
(51) Int. Cl.
A61N 5/06 (2006.01)
A61B 18/18 (2006.01)
A61N 5/00 (2006.01)
(31) 63/450215 (32) 06.03.23 (33) US
(43) 26.09.2024
(72) Santana Blank, Luis Alberto; Rodriguez De Santana, Elizabeth
(74) Michael Buck IP

(71) RAI Strategic Holdings, Inc.
(11) AU-A-2024219458
(21) 2024219458 (22) 06.09.2024
(54) Aerosol delivery device, and associated apparatus and method of formation thereof
(51) Int. Cl.
H05B 3/42 (2006.01)
A24F 47/00 (2020.01)
(43) 26.09.2024
(62) 2022206747
(72) SUR, Rajesh
(74) FB Rice Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.
(11) AU-A-2024204962
(21) 2024204962 (22) 18.07.2024
(54) Methods for enhancing efficacy of a vaccine by administering an IL-4R antagonist
(51) Int. Cl.
C07K 16/12 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
(43) 26.09.2024
(62) 2017220184
(72) Purcell Ngambo, Lisa; Graham, Neil; Murphy, Andrew J.; Evans, Robert
(74) Griffith Hack

(71) ResMed Pty Ltd
(11) AU-A-2024219445
(21) 2024219445 (22) 06.09.2024
(54) Remote configuration of a respiratory device
(51) Int. Cl.
G16H 40/63 (2018.01)
A61M 16/00 (2006.01)
G16H 40/40 (2018.01)

(43) 26.09.2024
(62) 2021297197
(72) MATTHEWS, Lisa Nicole; RATH-MAY, Millen James; Vuong Salameh, My Hong
(74) James & Wells Intellectual Property

(71) Rhodes Pharmaceuticals L.P.
(11) AU-A-2024219439
(21) 2024219439 (22) 05.09.2024
(54) PHARMACEUTICAL RESINATE COMPOSITIONS AND METHODS OF MAKING AND USING THEREOF
(51) Int. Cl.
A61K 47/00 (2006.01)
A61K 31/00 (2006.01)
(43) 26.09.2024
(62) 2022201848
(72) SADATREZAEI, Mohsen; FRUNZI, Gerard P.
(74) Pearce IP Pty Ltd

(71) Riverlands Hemp Pty Ltd
(11) AU-A-2024201472
(21) 2024201472 (22) 06.03.2024
(54) Method of Producing a Fence Component and a Fence Component Formed by the Method
(51) Int. Cl.
B28B 1/52 (2006.01)
C04B 18/24 (2006.01)
C04B 26/00 (2006.01)
E04H 17/02 (2006.01)
E04H 17/14 (2006.01)
E04H 17/20 (2006.01)
(31) 2023900583 (32) 06.03.23 (33) AU
(43) 26.09.2024
(72) Wortes, Kevin James
(74) MEYER WEST IP

(71) Salford Group Inc
(11) AU-A-2024219452
(21) 2024219452 (22) 06.09.2024
(54) AIR-BOOM SPREADER FOR PARTICULATE MATERIAL
(51) Int. Cl.
A01C 15/04 (2006.01)
A01C 15/00 (2006.01)
A01C 21/00 (2006.01)
A01C 23/00 (2006.01)
(43) 26.09.2024
(62) 2020359305
(72) GRAY, Geof J; AVERINK, John Mark; BAKER, Bradley William; DYCK, Jesse Abram; PASMA, Chad Derek; GOVEIA, Simon; POPPE, Christopher Michael; STRAATMAN, Troy Michael; LEHMAN, Adam Peter
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Schneider Electric (Australia) Pty Limited
(11) AU-A-2024219437
(21) 2024219437 (22) 05.09.2024

(54) IMPROVEMENTS IN AN ELECTRICAL MODULE CONNECTOR AND SYSTEM
(51) Int. Cl.
H02G 3/00 (2006.01)
(43) 26.09.2024
(62) 2022205216
(72) Juhasz, Elizabeth Tunde; Wickens, Iain
(74) Madderns Pty Ltd

(71) Seapa IP Pty Ltd
(11) AU-A-2023201524
(21) 2023201524 (22) 10.03.2023
(54) Aquaculture Basket Assembly
(51) Int. Cl.
A01K 61/65 (2017.01)
A01K 61/55 (2017.01)
A01K 61/60 (2017.01)
A01K 61/53 (2017.01)
(43) 26.09.2024
(72) Thompson, Garry; Eden, Tim
(74) Duncan Bucknell Company Pty Ltd

(71) Sensile Medical AG
(11) AU-A-2024201103
(21) 2024201103 (22) 20.02.2024
(54) Acoustic signal generating device
(51) Int. Cl.
A61M 5/315 (2006.01)
A61M 5/20 (2006.01)
(31) 23160738.3 (32) 08.03.23 (33) EP
(43) 26.09.2024
(72) FORSTER, Richard; GORSHÖFER, Andreas; SOMMER, Michael; PFRANG, Jürgen
(74) Spruson & Ferguson

(71) Sequenom, Inc.
(11) AU-A-2024205753
(21) 2024205753 (22) 14.08.2024
(54) Methods and processes for non-invasive assessment of genetic variations
(51) Int. Cl.
C12Q 1/68 (2018.01)
G16B 20/00 (2019.01)
(43) 26.09.2024
(62) 2021273631
(72) DECIU, Cosmin; DZAKULA, Zeljko; TYNAN, John Allen; HOGG, Grant
(74) Davies Collison Cave Pty Ltd

(71) Shenzhen Salubris Pharmaceuticals Co. Ltd; Ningbo Combireg Pharmaceutical Technology Co., Ltd
(11) AU-A-2024219393
(21) 2024219393 (22) 04.09.2024
(54) PHARMACEUTICAL COMPOSITION OF DOCETAXEL CONJUGATE AND PREPARATION METHOD
(51) Int. Cl.
A61K 9/19 (2006.01)
A61K 9/08 (2006.01)
A61K 31/337 (2006.01)
A61K 38/05 (2006.01)

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 (62) 2018328532
 (72) LIU, Gang; ZHANG, Xuan; CHENG, Wenming; LI, Shuo; WEN, Xiaoming; ZHANG, Qianli
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) SIMONELLI GROUP S.P.A.
 (11) AU-A-2024201116
 (21) 2024201116 (22) 21.02.2024
 (54) Coffee grinder with load cell support system
 (51) Int. Cl.
A47J 42/38 (2006.01)
 (31) 102023000004272 (32) 08.03.23 (33) IT
 (43) 26.09.2024
 (72) CINGOLANI, Claudio; PARRINI, Mauro; FELIZIANI, Marco
 (74) FB Rice Pty Ltd

(71) SodaStream Industries Ltd.
 (11) AU-A-2024219436
 (21) 2024219436 (22) 05.09.2024
 (54) A CANISTER FOR A CARBONATION MACHINE
 (51) Int. Cl.
F16K 1/02 (2006.01)
B67D 1/04 (2006.01)
F17C 1/00 (2006.01)
 (43) 26.09.2024
 (62) 2022211874
 (72) DANIELI, Guy; COHEN, Avi; SHALEV, Oren; FUNT, Mark; RING, Allan; SHKEDI, Amnon; BRAND, Dvir; SHMUELI, Eyal; AVIGDOR, Amit; SHAASHUA, Eran; HARДУFF, Hagai; KROM, Doron
 (74) James & Wells Intellectual Property

(71) Star Scientific Limited
 (11) AU-A-2024219369
 (21) 2024219369 (22) 04.09.2024
 (54) COMPOSITIONS, METHODS, AND APPARATUSES FOR CATALYTIC COMBUSTION
 (51) Int. Cl.
B01J 23/89 (2006.01)
B01J 19/00 (2006.01)
B01J 37/34 (2006.01)
 (43) 26.09.2024
 (62) 2018322486
 (72) HEATON, Steven James; KIRK, Samuel James
 (74) Dark IP

(71) Star Scientific Limited
 (11) AU-A-2024219373
 (21) 2024219373 (22) 04.09.2024
 (54) COMPOSITIONS, METHODS, AND APPARATUSES FOR CATALYTIC COMBUSTION
 (51) Int. Cl.
B01J 23/89 (2006.01)
B01J 19/00 (2006.01)
B01J 37/34 (2006.01)

(43) 26.09.2024
 (62) 2018322486
 (72) HEATON, Steven James; KIRK, Samuel James
 (74) Dark IP

(71) Stryker Corporation
 (11) AU-A-2024219453
 (21) 2024219453 (22) 06.09.2024
 (54) Metal detection system for use with medical waste container
 (51) Int. Cl.
A61B 50/30 (2016.01)
A61B 50/36 (2016.01)
 (43) 26.09.2024
 (62) 2022201626
 (72) Henniges, Bruce D.; Phillipp, Christopher; Wallner, Andrew Lee; Chmelar, Erik Vaclav; Vanoss, Jeffrey Lee
 (74) Davies Collision Cave Pty Ltd

(71) Takasago Thermal Engineering Co., Ltd.
 (11) AU-A-2024201524
 (21) 2024201524 (22) 07.03.2024
 (54) Collaborative work support program, work support program, collaborative work support system and work support system
 (51) Int. Cl.
G06Q 50/08 (2012.01)
G05B 19/048 (2006.01)
G06F 30/13 (2020.01)
G06Q 10/06 (2023.01)
G06Q 10/101 (2023.01)
 (31) 2023-035236 (32) 08.03.23 (33) JP
 (43) 26.09.2024
 (72) KATAYAMA, Kenichiro; SAITO, Hidenori
 (74) Minter Ellison

(71) Takasago Thermal Engineering Co., Ltd.
 (11) AU-A-2024201529
 (21) 2024201529 (22) 07.03.2024
 (54) Collaborative work support program, work support program, collaborative work support system and work support system
 (51) Int. Cl.
G06Q 50/08 (2012.01)
G06F 30/13 (2020.01)
G06Q 10/06 (2023.01)
G06Q 10/101 (2023.01)
 (31) 2023-035244 (32) 08.03.23 (33) JP
 (43) 26.09.2024
 (72) KATAYAMA, Kenichiro; SAITO, Hidenori
 (74) Minter Ellison

(71) TE Connectivity Nederland BV
 (11) AU-A-2024201502
 (21) 2024201502 (22) 07.03.2024
 (54) Pinch Sleeve Assembly with Locking Feature
 (51) Int. Cl.
H01R 13/62 (2006.01)
H01R 12/77 (2011.01)
H01R 13/42 (2006.01)

(31) 23161314.2 (32) 10.03.23 (33) EP
 (43) 26.09.2024
 (72) DENDAS, Freddy Jean Philip
 (74) Griffith Hack

(71) THE BRIGHAM AND WOMEN'S HOSPITAL, INC.; THE GENERAL HOSPITAL CORPORATION
 (11) AU-A-2024219507
 (21) 2024219507 (22) 09.09.2024
 (54) AUTOMATED ANEUPLOIDY SCREENING USING ARBITRATED ENSEMBLES
 (51) Int. Cl.
G06T 7/70 (2017.01)
G06V 10/25 (2022.01)
G06V 10/82 (2022.01)
G06V 20/69 (2022.01)
 (43) 26.09.2024
 (62) 2021339829
 (72) SHAFIEE, Hadi; BORMANN, Charles; KANAKASABAPATHY, Manoj Kumar; THIRUMALARAJU, Prudhvi
 (74) James & Wells Intellectual Property

(71) The Chamberlain Group LLC
 (11) AU-A-2024216551
 (21) 2024216551 (22) 03.09.2024
 (54) Barrier operator feature enhancement
 (51) Int. Cl.
E05F 15/73 (2015.01)
E05F 15/60 (2015.01)
E05F 15/668 (2015.01)
E05F 15/777 (2015.01)
G06V 10/40 (2022.01)
G07C 9/00 (2020.01)
 (43) 26.09.2024
 (62) 2023203904
 (72) CASPARUS, Cate; FITZGIBBON, James J.; KELLER Jr., Robert R.; MURRAY, James Scott; PUDIPEDDI, Sapt Gireesh; SORICE, Cory; STANEK, Gregory John; WILLMOTT, Colin Barns
 (74) AJ PARK

The General Hospital Corporation see Dana-Farber Cancer Institute, Inc.
 (21) 2024219404

THE GENERAL HOSPITAL CORPORATION see THE BRIGHAM AND WOMEN'S HOSPITAL, INC.
 (21) 2024219507

(71) The Regents of the University of California; Nanotech Energy, Inc.
 (11) AU-A-2024219379
 (21) 2024219379 (22) 04.09.2024
 (54) Methods for conductive adhesives based on graphene and applications thereof
 (51) Int. Cl.
C08K 5/00 (2006.01)
C09J 4/06 (2006.01)
C09J 133/06 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- (43) 26.09.2024
 (62) 2018374215
 (72) EL-KADY, Maher, F.; MOHAMED, Nahla; KAVANAUGH, Jack; KANER, Richard, B.
 (74) FB Rice Pty Ltd
-
- (71) The Regents of the University of California; The Trustees of the University of Pennsylvania
 (11) AU-A-2024219380
 (21) 2024219380 (22) 04.09.2024
 (54) Adeno-associated virus virions with variant capsid and methods of use thereof
 (51) Int. Cl.
C07K 14/005 (2006.01)
A61K 9/00 (2006.01)
A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
C12N 7/00 (2006.01)
C12N 15/861 (2006.01)
 (43) 26.09.2024
 (62) 2022202556
 (72) SCHAFFER, David V.; FLANNERY, John G.; BELTRAN, William A.; BYRNE, Leah C.; VISEL, Meike
 (74) FB Rice Pty Ltd
-
- (71) The Regents of The University of California
 (11) AU-A-2024219397
 (21) 2024219397 (22) 05.09.2024
 (54) PRODUCTION OF BIOACTIVE OLIGOSACCHARIDES
 (51) Int. Cl.
A61K 31/715 (2006.01)
C08B 37/00 (2006.01)
 (43) 26.09.2024
 (62) 2018289438
 (72) Amicucci, Matthew J.; Park, Dayoung; Galermo, Ace Gita; Mills, David A.; German, John Bruce; Lebrilla, Carlito B.
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) Thermal Wall Technologies, LLC
 (11) AU-A-2024219466
 (21) 2024219466 (22) 06.09.2024
 (54) WALL WITH PRE-BENT TUBING
 (51) Int. Cl.
E04C 1/39 (2006.01)
E04B 2/10 (2006.01)
E04C 1/00 (2006.01)
E04F 13/08 (2006.01)
 (43) 26.09.2024
 (62) 2022202692
 (72) SANDEFUR, Michael
 (74) Murray Trento & Associates Pty Ltd
-
- The Trustees of the University of Pennsylvania see The Regents of the University of California
 (21) 2024219380
-
- (71) The Vanguard Group, Inc.
 (11) AU-A-2024201480
- (21) 2024201480 (22) 06.03.2024
 (54) METHODS, SYSTEMS, AND DEVICES FOR DATA RECOVERY AND BACKUP
 (51) Int. Cl.
G06F 11/14 (2006.01)
G06F 3/06 (2006.01)
G06F 16/11 (2019.01)
 (31) 18/119,722 (32) 09.03.23 (33) US
 (43) 26.09.2024
 (72) Welshans, Nathan G.; Emrick, Timothy James; Spatz, Ryan Michael; Beck, Jr., John Edward
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) TMRW LIFE SCIENCES, INC.
 (11) AU-A-2024219470
 (21) 2024219470 (22) 06.09.2024
 (54) HANDLING AND TRACKING OF BIOLOGICAL SPECIMENS FOR CRYOGENIC STORAGE
 (51) Int. Cl.
G16B 99/00 (2019.01)
A01N 1/02 (2006.01)
G06Q 10/06 (2023.01)
G06Q 10/08 (2023.01)
G06Q 10/0833 (2023.01)
G16H 40/00 (2018.01)
G16H 70/00 (2018.01)
 (43) 26.09.2024
 (62) 2021276247
 (72) BIXON, Brian; GO, Kathryn; GUPTA, Amit; HARLOW, Benjamin; MURRAY, Alan; SHARP, Tim
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
-
- (71) Transportation IP Holdings, LLC
 (11) AU-A-2024201073
 (21) 2024201073 (22) 20.02.2024
 (54) VEHICLE SYSTEM AND METHOD
 (51) Int. Cl.
B61L 25/04 (2006.01)
B61L 27/04 (2006.01)
B61L 27/20 (2022.01)
 (31) 18/120,275 (32) 10.03.23 (33) US
 (43) 26.09.2024
 (72) Tripathy, Janmejay; Staats, Andrew Ryan; Schultz, Timothy Allen; Karunaratne, Milan; Sevel, Evan; Hausmann, Adam; Chalmers, Larry; Fisher, Alan; Kenjale, Amit; Henniges, Benjamin; Spencer, Daniel; Rice, Danial
 (74) K&L Gates
-
- (71) Transportation IP Holdings, LLC
 (11) AU-A-2024219472
 (21) 2024219472 (22) 06.09.2024
 (54) VEHICLE SENSOR SYSTEM
 (51) Int. Cl.
G07C 5/08 (2006.01)
H04W 4/38 (2018.01)
H04W 4/40 (2018.01)
 (43) 26.09.2024
 (62) 2022201180
 (72) Kraeling, Mark Bradshaw; Shaffer, Glenn Robert; Worden, Bret
 (74) K&L Gates
-
- (71) Twist Bioscience Corporation
 (11) AU-A-2024205252
 (21) 2024205252 (22) 31.07.2024
 (54) Methods for seamless nucleic acid assembly
 (51) Int. Cl.
C12N 15/09 (2006.01)
B01J 19/00 (2006.01)
C12N 15/10 (2006.01)
 (43) 26.09.2024
 (62) 2018284227
 (72) NUGENT, Rebecca; CHEN, Siyuan; LEE, Elian; RAYNARD, Nathan
 (74) FB Rice Pty Ltd
-
- (71) Tyco Fire & Security GmbH
 (11) AU-A-2024201490
 (21) 2024201490 (22) 06.03.2024
 (54) Alarm call point
 (51) Int. Cl.
G08B 29/00 (2006.01)
 (31) 23160598.1 (32) 07.03.23 (33) EP
 (43) 26.09.2024
 (72) MEAH, Moosa Faruk; BRENNER, Andreas
 (74) Spruson & Ferguson
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- (71) University of Florida Research Foundation, Incorporated
 (11) AU-A-2024219412
 (21) 2024219412 (22) 04.09.2024
 (54) IMMUNOASSAYS FOR DETECTION OF RAN PROTEINS
 (51) Int. Cl.
G01N 33/487 (2006.01)
C07K 14/47 (2006.01)
C07K 16/18 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/483 (2006.01)
G01N 33/50 (2006.01)
G01N 33/53 (2006.01)
G01N 33/68 (2006.01)
 (43) 26.09.2024
 (62) 2018338451
 (72) Ranum, Laura; Nguyen, Lien
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) University of Pittsburgh - Of the Commonwealth System of Higher Education
 (11) AU-A-2024219501
 (21) 2024219501 (22) 09.09.2024
 (54) EXTRACELLULAR MATRIX (ECM) HYDROGEL AS A SUBMUCOSAL FLUID CUSHION
 (51) Int. Cl.
A61L 24/00 (2006.01)
A61K 35/12 (2015.01)
A61L 24/04 (2006.01)
A61L 24/10 (2006.01)
A61L 31/04 (2006.01)
A61L 31/14 (2006.01)
 (43) 26.09.2024
 (62) 2019288588
 (72) Badylak, Stephen Francis; Saldin, Lindsey Tamiko; Naranjo Gutierrez, Juan Diego
 (74) PHILLIPS ORMONDE FITZPATRICK

Applications Open to Public Inspection - Name Index cont'd

-
- (71) University of Pittsburgh - Of the Commonwealth System of Higher Education
 (11) AU-A-2024219502
 (21) 2024219502 (22) 09.09.2024
 (54) USE OF AN EXTRACELLULAR MATRIX (ECM) HYDROGEL AS AN ESOPHAGEAL SUBMUCOSAL FLUID CUSHION
 (51) Int. Cl.
 A61L 24/00 (2006.01)
 A61K 35/12 (2015.01)
 A61L 24/04 (2006.01)
 A61L 24/10 (2006.01)
 A61L 31/04 (2006.01)
 A61L 31/14 (2006.01)
 (43) 26.09.2024
 (62) 2019288586
 (72) Badylak, Stephen Francis; Saldin, Lindsey Tamiko; Naranjo Gutierrez, Juan Diego
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) University of Pittsburgh - Of the Commonwealth System of Higher Education
 (11) AU-A-2024219503
 (21) 2024219503 (22) 09.09.2024
 (54) USE OF A URINARY BLADDER ECM HYDROGEL AS AN ESOPHAGEAL SUBMUCOSAL FLUID CUSHION
 (51) Int. Cl.
 A61L 24/00 (2006.01)
 A61K 35/12 (2015.01)
 A61L 24/04 (2006.01)
 A61L 24/10 (2006.01)
 A61L 31/04 (2006.01)
 A61L 31/14 (2006.01)
 (43) 26.09.2024
 (62) 2019288591
 (72) Badylak, Stephen Francis; Saldin, Lindsey Tamiko; Naranjo Gutierrez, Juan Diego
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) W.M. Barr & Company, Inc.
 (11) AU-A-2024219422
 (21) 2024219422 (22) 05.09.2024
 (54) Encapsulated Fragrance In Compressed Tablet
 (51) Int. Cl.
 B01D 53/26 (2006.01)
 A61L 9/00 (2006.01)
 A61L 9/012 (2006.01)
 B01D 53/28 (2006.01)
 (43) 26.09.2024
 (62) 2018347532
 (72) FARMER, Rachel Ann; SHIREMAN, Dennis Earl; HAWES, Charles L.; HEALEY, Brett Justin; PETKUS, Matthew Michael
 (74) WRAYS PTY LTD
-
- (71) Weird Science LLC
 (11) AU-A-2024216450
 (21) 2024216450 (22) 29.08.2024
 (54) Methods and compositions for non-myeloablative bone marrow reconstitution
-
- (51) Int. Cl.
 A61K 31/675 (2006.01)
 A61K 35/12 (2015.01)
 C12N 9/00 (2006.01)
 (43) 26.09.2024
 (62) 2018367546
 (72) GUMRUKCU, Serhat
 (74) FB Rice Pty Ltd
-
- (71) Wilson Wolf Manufacturing, LLC
 (11) AU-A-2024219430
 (21) 2024219430 (22) 05.09.2024
 (54) Improved methods of cell culture for adoptive cell therapy
 (51) Int. Cl.
 C12M 3/02 (2006.01)
 C12M 3/06 (2006.01)
 (43) 26.09.2024
 (62) 2022204865
 (72) Vera, Juan F.; Rooney, Cliona M.; Leen, Ann M.; Wilson, John R.; Welch, Daniel P.
 (74) Griffith Hack
-
- (71) XIHUA UNIVERSITY
 (11) AU-A-2023251461
 (21) 2023251461 (22) 12.10.2023
 (54) METHOD FOR TRACING AGRICULTURAL PRODUCT BASED ON META-UNIVERSE
 (51) Int. Cl.
 G06F 11/14 (2006.01)
 G06F 16/23 (2019.01)
 G06F 16/27 (2019.01)
 G06F 21/60 (2013.01)
 G06F 21/62 (2013.01)
 G06F 21/64 (2013.01)
 G06Q 30/018 (2023.01)
 G06Q 50/02 (2012.01)
 H04L 9/32 (2006.01)
 H04L 9/40 (2022.01)
 H04L 67/1097 (2022.01)
 H04L 67/12 (2022.01)
 (31) 202310230118.2 (32) 10.03.23 (33) CN
 (43) 26.09.2024
 (72) LIU, Zhicai; FENG, Xu; XIONG, Ling; FU, Qin; FU, Xiaolu; WU, Jiale; NIU, Xianhua
 (74) Madderens Pty Ltd
-
- (71) YETI COOLERS, LLC
 (11) AU-A-2024219476
 (21) 2024219476 (22) 06.09.2024
 (54) Container and latching system
 (51) Int. Cl.
 B65D 43/16 (2006.01)
 B65D 45/24 (2006.01)
 E05B 65/52 (2006.01)
 (43) 26.09.2024
 (62) 2022390863
 (72) BULLOCK, Dustin R.; DARLING, Colin; BLANCHARD, Walter T.
 (74) GLMR
-
- (71) ZAZZLE INC.
 (11) AU-A-2023285811
 (21) 2023285811 (22) 20.12.2023
-
- (54) GENERATING AND DETERMINING ADDITIONAL CONTENT AND PRODUCTS BASED ON PRODUCT-TOKENS
 (51) Int. Cl.
 G06F 3/01 (2006.01)
 G06F 16/24 (2019.01)
 G06N 3/0475 (2023.01)
 G06Q 30/02 (2023.01)
 G06Q 30/0601 (2023.01)
 (31) 18/120,402 (32) 12.03.23 (33) US
 18/120,403 12.03.23 US
 18/120,404 12.03.23 US
 18/120,405 12.03.23 US
 18/120,406 12.03.23 US
 18/120,407 12.03.23 US
 (43) 26.09.2024
 (72) Beaver III, Robert I.; Harvill, Leslie Young; Difonzo, Matthew; Burgess, Brent
 (74) ET Intellectual Property
-
- (71) ZAZZLE INC.
 (11) AU-A-2023285812
 (21) 2023285812 (22) 20.12.2023
 (54) GENERATING AND DETERMINING ADDITIONAL CONTENT AND PRODUCTS BASED ON PRODUCT-TOKENS
 (51) Int. Cl.
 G06F 3/01 (2006.01)
 G06F 16/24 (2019.01)
 G06F 16/33 (2019.01)
 G06N 3/0475 (2023.01)
 G06Q 30/02 (2023.01)
 G06Q 30/0601 (2023.01)
 (31) 18/120,402 (32) 12.03.23 (33) US
 18/120,403 12.03.23 US
 18/120,404 12.03.23 US
 18/120,405 12.03.23 US
 18/120,406 12.03.23 US
 18/120,407 12.03.23 US
 (43) 26.09.2024
 (72) Beaver III, Robert I.; Harvill, Leslie Young; Difonzo, Matthew; Burgess, Brent
 (74) ET Intellectual Property
-
- (71) ZAZZLE INC.
 (11) AU-A-2023285813
 (21) 2023285813 (22) 20.12.2023
 (54) GENERATING AND DETERMINING ADDITIONAL CONTENT AND PRODUCTS BASED ON PRODUCT-TOKENS
 (51) Int. Cl.
 G06F 3/01 (2006.01)
 G06F 16/24 (2019.01)
 G06N 3/0475 (2023.01)
 G06Q 30/02 (2023.01)
 G06Q 30/0601 (2023.01)
 (31) 18/120,402 (32) 12.03.23 (33) US
 18/120,403 12.03.23 US
 18/120,404 12.03.23 US
 18/120,405 12.03.23 US
 18/120,406 12.03.23 US
 18/120,407 12.03.23 US

Applications Open to Public Inspection - Name Index cont'd

(43) 26.09.2024
 (72) Beaver III, Robert I.; Harvill, Leslie
 Young; Difonzo, Matthew; Burgess,
 Brent
 (74) ET Intellectual Property

(71) ZAZZLE INC.
 (11) AU-A-2023285814
 (21) 2023285814 (22) 20.12.2023
 (54) GENERATING AND DETERMIN-
 ING ADDITIONAL CONTENT AND
 PRODUCTS BASED ON PRODUCT-
 TOKENS
 (51) Int. Cl.
 G06Q 30/06 (2023.01)
 (31) 18/120,402 (32) 12.03.23 (33) US
 18/120,403 12.03.23 US
 18/120,404 12.03.23 US
 18/120,405 12.03.23 US
 18/120,406 12.03.23 US
 18/120,407 12.03.23 US

(43) 26.09.2024
 (72) Beaver III, Robert I.; Harvill, Leslie
 Young; Difonzo, Matthew; Burgess,
 Brent
 (74) ET Intellectual Property

(71) ZAZZLE INC.
 (11) AU-A-2023285815
 (21) 2023285815 (22) 20.12.2023
 (54) GENERATING AND DETERMIN-
 ING ADDITIONAL CONTENT AND
 PRODUCTS BASED ON PRODUCT-
 TOKENS
 (51) Int. Cl.
 G06Q 30/06 (2023.01)
 (31) 18/120,402 (32) 12.03.23 (33) US
 18/120,403 12.03.23 US
 18/120,404 12.03.23 US
 18/120,405 12.03.23 US
 18/120,406 12.03.23 US
 18/120,407 12.03.23 US

(43) 26.09.2024
 (72) Beaver III, Robert I.; Harvill, Leslie
 Young; Difonzo, Matthew; Burgess,
 Brent
 (74) ET Intellectual Property

(71) ZAZZLE INC.
 (11) AU-A-2023285816
 (21) 2023285816 (22) 20.12.2023
 (54) GENERATING AND DETERMIN-
 ING ADDITIONAL CONTENT AND
 PRODUCTS BASED ON PRODUCT-
 TOKENS
 (51) Int. Cl.
 G06Q 30/06 (2023.01)
 (31) 18/120,402 (32) 12.03.23 (33) US
 18/120,403 12.03.23 US
 18/120,404 12.03.23 US
 18/120,405 12.03.23 US
 18/120,406 12.03.23 US
 18/120,407 12.03.23 US

(43) 26.09.2024
 (72) Beaver III, Robert I.; Harvill, Leslie
 Young; Difonzo, Matthew; Burgess,
 Brent
 (74) ET Intellectual Property

Zhejiang Jinko Solar Co., Ltd. see Jinko
 Solar (Haining) Co., Ltd.
 (21) 2023216746

(71) Zhejiang Tanfu New Energy Co., Ltd.
 (11) AU-A-2024201616
 (21) 2024201616 (22) 12.03.2024
 (54) COMBUSTION-SUPPORTING PACK-
 AGE STRUCTURE
 (51) Int. Cl.
 F23Q 7/04 (2006.01)
 (31) 202320454848.6 (32) 12.03.23 (33) CN
 (43) 26.09.2024
 (72) Zhou, Qi; Liu, Yi; Zhao, Jinming; Fang,
 Weilin
 (74) Madderns Pty Ltd

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

Numerical Index

2023201280	Brown, T.	2024219325	Mesoblast, Inc.
2023201382	Penalba, M.	2024219342	Gen-Probe Incorporated
2023201403	Briner Ads Pty Ltd	2024219359	Janssen Biotech, Inc.
2023201463	Bionomics Limited	2024219361	Huawei Technologies Co., Ltd.
2023201465	BioHerbicides Australia Pty Ltd	2024219362	CommScope Technologies LLC
2023201487	LESHER, G.	2024219367	Dolby Laboratories Licensing Corporation
2023201495	NOOSA NATURAL VET PTY. LTD.	2024219369	Star Scientific Limited
2023201509	Centro de Tecnologia Canavieira S.A.; CTC Genomics, LLC	2024219370	Compagnie Generale des Etablissements Michelin
2023201524	Seapa IP Pty Ltd	2024219373	Star Scientific Limited
2023203302	BOWEN CUSTOMS	2024219374	Barco N.V.
2023216746	Jinko Solar (Haining) Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.	2024219378	Dexcom, Inc.
2023251461	XIHUA UNIVERSITY	2024219379	The Regents of the University of California; Nanotech Energy, Inc.
2023282190	Globeride, Inc.	2024219380	The Regents of the University of California; The Trustees of the University of Pennsylvania
2023282214	DALIAN HUARUI HEAVY INDUSTRY GROUP CO., LTD	2024219381	IRP Health Pty Ltd
2023285719	Globeride, Inc.	2024219384	Freeport-McMoRan Inc.
2023285811	ZAZZLE INC.	2024219386	MasterCard International Incorporated
2023285812	ZAZZLE INC.	2024219388	PayPal, Inc.
2023285813	ZAZZLE INC.	2024219390	HiFiBiO SAS
2023285814	ZAZZLE INC.	2024219393	Shenzhen Salubris Pharmaceuticals Co. Ltd; Ningbo Combireg Pharmaceutical Technology Co., Ltd
2023285815	ZAZZLE INC.	2024219396	Biotome Pty Ltd
2023285816	ZAZZLE INC.	2024219397	The Regents of The University of California
2024200101	Adobe Inc.	2024219400	International Business Machines Corporation
2024200170	Adobe Inc.	2024219401	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2024200420	ECO Garage Doors Pty Ltd	2024219402	Dolby Laboratories Licensing Corporation
2024200629	Acer Incorporated	2024219404	Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation
2024200701	IHI Corporation	2024219406	Owens-Brockway Glass Container Inc.
2024200750	Deere & Company	2024219409	Owens-Brockway Glass Container Inc.
2024200778	Deere & Company	2024219410	Dolby International AB
2024200797	HONEYWELL INTERNATIONAL INC.	2024219411	Deere & Company
2024201073	Transportation IP Holdings, LLC	2024219412	University of Florida Research Foundation, Incorporated
2024201088	NOVY	2024219413	Compagnie Generale des Etablissements Michelin
2024201103	Sensile Medical AG	2024219417	Acuitas Therapeutics, Inc.
2024201116	SIMONELLI GROUP S.P.A.	2024219418	Arrowhead Pharmaceuticals, Inc.
2024201367	LG Electronics Inc.	2024219419	IntraMont Technologies, Inc.
2024201389	Polytone Laser Inc.	2024219421	Fisher & Paykel Healthcare Limited
2024201420	Hummingbird Solutions Inc.	2024219422	W.M. Barr & Company, Inc.
2024201422	Carpe Astra Pty Ltd	2024219424	GENODX PTY LTD
2024201431	Zimmer, Inc.; Celestica Valencia, S.A.U.	2024219430	Wilson Wolf Manufacturing, LLC
2024201468	HOWMEDICA OSTEONICS CORP.	2024219431	Lexmark International, Inc.
2024201472	Riverlands Hemp Pty Ltd	2024219433	DoorDash Inc.
2024201474	BIODOCCLE, LLC	2024219434	Alnylam Pharmaceuticals, Inc.
2024201480	The Vanguard Group, Inc.	2024219436	SodaStream Industries Ltd.
2024201490	Tyco Fire & Security GmbH	2024219437	Schneider Electric (Australia) Pty Limited
2024201502	TE Connectivity Nederland BV	2024219438	Lucid Circuit, Inc.
2024201524	Takasago Thermal Engineering Co., Ltd.	2024219439	Rhodes Pharmaceuticals L.P.
2024201527	Beijing LongRuan Technologies Inc.; Peking University	2024219443	FISHER & PAYKEL HEALTHCARE LIMITED
2024201529	Takasago Thermal Engineering Co., Ltd.	2024219445	ResMed Pty Ltd
2024201538	LG Electronics Inc.	2024219446	Merck Patent GmbH
2024201556	perma-tec GmbH & Co. KG	2024219448	Licella Pty Ltd
2024201572	NuVasive, Inc.	2024219449	MTI Biotech, Inc.
2024201574	NuVasive, Inc.	2024219451	GRIP HOLDINGS LLC
2024201577	Equifax Inc.	2024219452	Salford Group Inc
2024201616	Zhejiang Tanfu New Energy Co., Ltd.	2024219453	Stryker Corporation
2024203696	Kim, E.; kim, e.	2024219455	Amgen Inc.
2024204962	Regeneron Pharmaceuticals, Inc.	2024219456	Ocado Innovation Limited
2024205179	Abilita Bio, Inc.	2024219458	RAI Strategic Holdings, Inc.
2024205252	Twist Bioscience Corporation	2024219459	BlueScope Steel Limited
2024205583	Cypher Medical, LLC	2024219460	MKB Company, LLC; Huesker, Inc.
2024205753	Sequenom, Inc.	2024219462	Dexcom, Inc.
2024205840	James L. Orrington, II D.D.S., P.C.	2024219464	Ausmetec Pty Ltd
2024216405	CS Genetics Limited	2024219465	Ecole de technologie superieure
2024216450	Weird Science LLC	2024219466	Thermal Wall Technologies, LLC
2024216451	Pandion Operations, Inc.		
2024216525	10X Genomics, Inc.		
2024216551	The Chamberlain Group LLC		

Applications Open to Public Inspection - Numerical Index cont'd

2024219468 Ludwig Institute for Cancer Research Ltd.
2024219469 GeoTech Technologies Ltd.
2024219470 TMRW LIFE SCIENCES, INC.
2024219472 Transportation IP Holdings, LLC
2024219474 Huawei Technologies Co., Ltd.
2024219476 YETI COOLERS, LLC
2024219480 Acres Technology
2024219481 Network Integrity Systems, Inc
2024219483 Coulter Ventures LLC
2024219485 Acres Technology
2024219486 DexYP
2024219491 Bepak Europe Limited
2024219500 Juul Labs, Inc.
2024219501 University of Pittsburgh - Of the Commonwealth System
of Higher Education
2024219502 University of Pittsburgh - Of the Commonwealth System
of Higher Education
2024219503 University of Pittsburgh - Of the Commonwealth System
of Higher Education
2024219506 FISHER & PAYKEL HEALTHCARE LIMITED
2024219507 THE BRIGHAM AND WOMEN'S HOSPITAL, INC.; THE
GENERAL HOSPITAL CORPORATION

IPC Index

<u>A01B 39 /-</u> 2023201465	2024201468 2024201572 2024201574	<u>A61K 6 /-</u> 2024219419	<u>A61P 37 /-</u> 2024216451	<u>B03D 1 /-</u> 2024219464	2024219409
<u>A01B 49 /-</u> 2024200750	<u>A61B 18 /-</u> 2024201389	<u>A61K 8 /-</u> 2024201474 2024219419	<u>A61P 9 /-</u> 2024219325	<u>B23B 31 /-</u> 2024201431	<u>C04B 18 /-</u> 2024201472
<u>A01B 79 /-</u> 2024200778	<u>A61B 34 /-</u> 2024201468	<u>A61K 9 /-</u> 2023201463 2024219380 2024219393	<u>A62B 21 /-</u> 2024205840	<u>B25B 23 /-</u> 2024219451	<u>C04B 26 /-</u> 2024201472
<u>A01C 15 /-</u> 2024219452	<u>A61B 5 /-</u> 2024205583 2024219462 2024219465	<u>A61L 24 /-</u> 2024219501 2024219502 2024219503	<u>A62B 23 /-</u> 2024205840	<u>B25D 17 /-</u> 2024201431	<u>C07C 233 /-</u> 2024219417
<u>A01C 21 /-</u> 2024219452	<u>A61B 50 /-</u> 2024219453	<u>A61L 31 /-</u> 2024219501 2024219502 2024219503	<u>A62B 7 /-</u> 2024205840	<u>B28B 1 /-</u> 2024201472	<u>C07C 235 /-</u> 2024219417
<u>A01C 23 /-</u> 2024200750 2024219452	<u>A61F 2 /-</u> 2024201431 2024201468	<u>A61L 9 /-</u> 2024205840 2024219422	<u>A62B 9 /-</u> 2024205840	<u>B32B 7 /-</u> 2024219460	<u>C07C 237 /-</u> 2024219417
<u>A01C 5 /-</u> 2024200778	<u>A61H 39 /-</u> 2023201495	<u>A61M 1 /-</u> 2024205583	<u>A63B 17 /-</u> 2024219483	<u>B60C 7 /-</u> 2024219370 2024219413	<u>C07D 239 /-</u> 2024219455
<u>A01C 7 /-</u> 2024200750 2024200778	<u>A61J 1 /-</u> 2024205583	<u>A61M 13 /-</u> 2024219421	<u>A63B 21 /-</u> 2024203696 2024219483	<u>B60P 3 /-</u> 2023203302	<u>C07D 275 /-</u> 2024219455
<u>A01D 23 /-</u> 2024219411	<u>A61K 31 /-</u> 2023201463 2024216450 2024219381 2024219393 2024219397 2024219417 2024219439 2024219446 2024219449 2024219455	<u>A61M 15 /-</u> 2024205840	<u>A63B 22 /-</u> 2024203696	<u>B61L 25 /-</u> 2024201073	<u>C07D 401 /-</u> 2024219455
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<u>A01K 87 /-</u> 2023282190 2023285719	<u>A61K 39 /-</u> 2024204962 2024219404 2024219446 2024219468	<u>A61M 18 /-</u> 2024205840 2024219443 2024219445 2024219506	<u>A63F 13 /-</u> 2024219480 2024219485	<u>B65D 45 /-</u> 2024219476	<u>C07D 471 /-</u> 2024219455
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<u>A01M 7 /-</u> 2024219411	<u>A61K 48 /-</u> 2024219380 2024219418 2024219434	<u>A61M 5 /-</u> 2024201103	<u>B01D 39 /-</u> 2024205840	<u>B65G 1 /-</u> 2024200420 2024219456	<u>C07D 513 /-</u> 2024219455
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<u>A01N 25 /-</u> 2023201465	<u>A61K 38 /-</u> 2024216451 2024219380 2024219393 2024219396 2024219434 2024219446	<u>A61M 5 /-</u> 2024201389	<u>B01D 5 /-</u> 2023201487	<u>B65G 65 /-</u> 2023282214	<u>C07K 14 /-</u> 2023201509 2024219380 2024219396 2024219412 2024219446
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<u>A23K 10 /-</u> 2024219381	<u>A61K 39 /-</u> 2024204962 2024219404 2024219446 2024219468	<u>A61P 19 /-</u> 2024219325	<u>B01D 57 /-</u> 2024205840	<u>B67D 1 /-</u> 2024219436	<u>C07K 17 /-</u> 2024205179
<u>A23K 20 /-</u> 2024219381	<u>A61K 47 /-</u> 2024216451 2024219417 2024219439	<u>A61P 25 /-</u> 2023201463	<u>B01J 19 /-</u> 2024205252 2024219369 2024219373	<u>B81B 7 /-</u> 2024200797	<u>C08B 37 /-</u> 2024219397
<u>A24F 1 /-</u> 2024219500	<u>A61K 47 /-</u> 2024216451 2024219417 2024219439	<u>A61P 29 /-</u> 2024216451	<u>B01J 23 /-</u> 2024219369 2024219373	<u>C02F 1 /-</u> 2023201487	<u>C08K 5 /-</u> 2024219379
<u>A24F 47 /-</u> 2024219458	<u>A61K 47 /-</u> 2024216451 2024219417 2024219439	<u>A61P 31 /-</u> 2024219381	<u>B01J 37 /-</u> 2024219369 2024219373	<u>C02F 103 /-</u> 2023201487	<u>C09J 133 /-</u> 2024219379
<u>A47J 42 /-</u> 2024201116	<u>A61K 47 /-</u> 2024216451 2024219417 2024219439	<u>A61P 33 /-</u> 2024219381	<u>B01J 8 /-</u> 2024219448	<u>C03B 5 /-</u> 2024219406 2024219409	<u>C09J 4 /-</u> 2024219379
<u>A61B 17 /-</u> 2024201431	<u>A61K 48 /-</u> 2024219380 2024219418 2024219434	<u>A61P 35 /-</u> 2024219404 2024219446 2024219455 2024219468	<u>B03C 1 /-</u> 2024219464	<u>C03B 7 /-</u> 2024219406	

Applications Open to Public Inspection - IPC Index cont'd

C09K 3 /- 2024219491	E05B 65 /- 2024219476	G06F 1 /- 2024201538	2024219486	H01R 12 /- 2024201502	H04W 56 /- 2024200629
C10G 1 /- 2024219448	E05D 11 /- 2024201367	G06F 11 /- 2023251461 2024201480	G06Q 50 /- 2023251461 2024200701 2024201524 2024201529 2024219384	H01R 13 /- 2023282190 2024201502 2024219362	H04W 72 /- 2024200629
C10L 1 /- 2024219448	E05F 1 /- 2024201367	G06F 13 /- 2024219431	G06T 11 /- 2024200170	H01R 24 /- 2024219362	H05B 3 /- 2024219458
C12M 3 /- 2024219430	E05F 15 /- 2024216551	G06F 15 /- 2024219438	G06T 17 /- 2024200101 2024201527	H01R 4 /- 2024219362	H05B 6 /- 2024201088
C12N 1 /- 2024205179	E05F 3 /- 2024201367	G06F 16 /- 2023251461 2023285811 2023285812 2023285813 2024201480 2024201527 2024201577 2024219486	G06T 19 /- 2024200101	H02G 3 /- 2024219437	H05K 5 /- 2024201538
C12N 15 /- 2023201509 2024205252 2024219380 2024219390 2024219417	E05F 5 /- 2024201367	G06F 21 /- 2023251461	G06T 7 /- 2024200778 2024219507	H02J 3 /- 2024200701	No IPC Mark
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C12N 7 /- 2024219380	F16B 23 /- 2024219451	G06F 30 /- 2024201524 2024201529	G06V 20 /- 2024219507	H02K 16 /- 2023201382	
C12N 9 /- 2024216450	F16K 1 /- 2024219436	G06F 40 /- 2024200170	G07C 5 /- 2024219472	H02K 5 /- 2023201382	
C12Q 1 /- 2024205753 2024216405 2024216525 2024219325 2024219342 2024219390 2024219404 2024219412 2024219424	F17C 1 /- 2024219436	G06N 10 /- 2024219400	G07C 9 /- 2024216551	H02K 7 /- 2023201382	
E01B 2 /- 2024219469	F23Q 7 /- 2024201616	G06N 20 /- 2024200170 2024219465	G08B 13 /- 2024219481	H02K 9 /- 2023201382	
E01C 3 /- 2024219469	F24C 15 /- 2024201088	G06N 3 /- 2023285811 2023285812 2023285813 2024200170	G08B 29 /- 2024201490	H02S 30 /- 2023216746	
E02B 15 /- 2024219460	G01C 21 /- 2024200797 2024201527	G06N 20 /- 2024200170 2024219465	G09F 15 /- 2023201403	H03K 19 /- 2024219400	
E02D 31 /- 2024219469	G01C 25 /- 2024200797	G06Q 10 /- 2024200701 2024201524 2024201529 2024219433 2024219470 2024219486	G09F 7 /- 2023201403	H03M 7 /- 2024219410	
E02F 3 /- 2023282214	G01D 1 /- 2024200797	G06Q 20 /- 2024219386 2024219388	G09F 9 /- 2024201538	H04B 7 /- 2024200629	
E02F 9 /- 2023282214 2024201420	G01D 5 /- 2024219481	G06Q 30 /- 2023251461 2023285811 2023285812 2023285813 2023285814 2023285815 2023285816 2024219388	G16B 20 /- 2024205753	H04L 12 /- 2024219374	
E04B 2 /- 2023216746 2024219466	G01N 33 /- 2024219396 2024219404 2024219412 2024219424 2024219468	G06Q 40 /- 2024200170	G16B 99 /- 2024219470	H04L 67 /- 2023251461	
E04C 1 /- 2024219466	G01R 31 /- 2024200701	G06Q 50 /- 2023251461 2024200701 2024201524 2024201529 2024219384	G16H 10 /- 2024219378	H04L 9 /- 2023251461 2024219438	
E04F 13 /- 2024219466	G02F 1 /- 2024219491	G06Q 70 /- 2024219470	G16H 40 /- 2024219445 2024219470	H04N 1 /- 2024219431	
E04H 17 /- 2024201472	G03G 15 /- 2024219431	G06Q 80 /- 2024219486	G16H 50 /- 2024219465	H04N 19 /- 2024219361 2024219401 2024219402 2024219474	
	G05B 13 /- 2024201556		G16H 70 /- 2024219470	H04S 3 /- 2024219367	
	G05B 19 /- 2024201524		H01L 31 /- 2023216746	H04W 36 /- 2024200629	
	G05B 23 /- 2024201556			H04W 4 /- 2024219472	

PCT applications which have entered the National Phase

Name Index

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

<p>(71) 1847 SUBSEA ENGINEERING LIMITED (11) AU-A-2023230268 (21) 2023230268 (22) 10.03.2023 (54) SUBSEA ENERGY STORAGE AND METHOD OF USE (51) Int. Cl. E21B 41/00 (2006.01) (87) WO2023/170428 (31) 2203435.9 (32) 11.03.22 (33) GB (43) 14.09.2023 (72) KNOX, Richard; SLORACH, Paul; MITCHELL, Ross; MILLER, Mark; CARNIE, Greg (74) Madderns Pty Ltd</p>	<p>(54) INSECT CELLS AND METHODS FOR ENGINEERING THE SAME (51) Int. Cl. C12N 15/864 (2006.01) C12N 5/07 (2010.01) C12N 9/22 (2006.01) C12N 15/113 (2010.01) C12Q 1/6869 (2018.01) C12N 5/10 (2006.01) C12N 15/90 (2006.01) (87) WO2023/167860 (31) 63/315,510 (32) 01.03.22 (33) US (43) 07.09.2023 (72) ROVNER, Alexis (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(43) 14.09.2023 (72) POLIAK, Diana; PRAIZ, Anna; FIRER SLAVA, Viacheslav (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 3 AIM IP PTY LTD (11) AU-A-2023249228 (21) 2023249228 (22) 05.04.2023 (54) A DEVICE AND METHOD FOR THE DETECTION AND MONITORING OF CARDIOVASCULAR DISEASE (51) Int. Cl. A61B 5/02 (2006.01) A61B 5/00 (2006.01) A61B 5/024 (2006.01) A61B 5/0245 (2006.01) A61B 5/35 (2021.01) G16H 50/20 (2018.01) (87) WO2023/193053 (31) 2022900926 (32) 08.04.22 (33) AU (43) 12.10.2023 (72) GARGUILO, Gaetano; ANDERSON, Neil Lawrence; DUTTA, Ritaban (74) Alder IP Pty Ltd</p>	<p>(71) ABBOTT DIABETES CARE INC. (11) AU-A-2023223239 (21) 2023223239 (22) 21.02.2023 (54) SYSTEMS, DEVICES, AND METHODS FOR AN ANALYTE SENSOR (51) Int. Cl. A61B 5/055 (2006.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01) (87) WO2023/163952 (31) 63/312,742 (32) 22.02.22 (33) US (43) 31.08.2023 (72) MATIEVICH, William, JR.; KIAIE, Namvar; DUNN, Timothy, C. (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) ADRENOMED AG (11) AU-A-2023233838 (21) 2023233838 (22) 15.03.2023 (54) STABLE AQUEOUS FORMULATION OF AN ANTI-ADRENOMEDULLIN (ADM) ANTIBODY OR ANTI-ADM ANTIBODY FRAGMENT (51) Int. Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) A61P 9/00 (2006.01) (87) WO2023/175035 (31) 22162271.5 (32) 15.03.22 (33) EP (43) 21.09.2023 (72) GOLDSTEIN, Jarrid (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 4D MOLECULAR THERAPEUTICS INC. (11) AU-A-2023230885 (21) 2023230885 (22) 06.03.2023 (54) ADENO-ASSOCIATED VIRUS VARIANT CAPSIDS WITH IMPROVED LUNG TROPISM AND USES THEREOF (51) Int. Cl. C12N 15/861 (2006.01) C07K 14/705 (2006.01) C12N 15/86 (2006.01) (87) WO2023/172873 (31) 63/317,450 (32) 07.03.22 (33) US (43) 14.09.2023 (72) FRANCIS, Peter; KOTTERMAN, Melissa A.; NYE, Julie; CROZE, Roxanne (74) WRAYS PTY LTD</p>	<p>(71) ACTIOL GMBH (11) AU-A-2023230173 (21) 2023230173 (22) 07.03.2023 (54) POLYMER ARTICLES FOR OPHTHALMIC PRODUCTS, AND METHOD FOR REDUCING CALCIFICATION PROPENSITY OF POLYMERS (51) Int. Cl. G02B 1/04 (2006.01) (87) WO2023/170033 (31) 22160835.9 (32) 08.03.22 (33) EP (43) 14.09.2023 (72) KLEIN, Felix; KIM, Hee-Cheol (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) ADVERUM BIOTECHNOLOGIES, INC. (11) AU-A-2023221321 (21) 2023221321 (22) 14.02.2023 (54) METHOD OF REDUCING CST FLUCTUATION IN NEOVASCULAR AMD BY A RECOMBINANT ADENO-ASSOCIATED VIRUS (51) Int. Cl. A61K 48/00 (2006.01) C07K 14/475 (2006.01) C12N 15/86 (2006.01) (87) WO2023/158990 (31) 63/310,865 (32) 16.02.22 (33) US 63/316,705 04.03.22 US (43) 24.08.2023 (72) DO, Joanna; TURPCU, Adam (74) AJ PARK</p>
<p>(71) 64-X, INC. (11) AU-A-2023228817 (21) 2023228817 (22) 28.02.2023</p>	<p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2023232563 (21) 2023232563 (22) 07.03.2023 (54) AGROCHEMICAL SUSPENSION OF SDHI AND/OR STROBILURIN FUNGICIDES (51) Int. Cl. A01N 25/04 (2006.01) A01P 3/00 (2006.01) (87) WO2023/170685 (31) 63/317,124 (32) 07.03.22 (33) US</p>	<p>(71) AEENA DX, INC. (11) AU-A-2023231558 (21) 2023231558 (22) 07.03.2023 (54) METHODS FOR DISEASE DETECTION (51) Int. Cl. G16H 50/20 (2018.01) C12Q 1/6883 (2018.01) G01N 33/48 (2006.01) G06N 20/00 (2019.01) G16H 50/30 (2018.01) (87) WO2023/172575 (31) 63/317,794 (32) 08.03.22 (33) US 63/333,711 22.04.22 US 63/390,929 20.07.22 US 63/428,897 30.11.22 US (43) 14.09.2023 (72) NAUTIYAL, Shivani; HUNT, Nathan; VEITCH, Jim (74) Blue Penguin IP Ltd</p>

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

-
- (71) AEENA DX, INC.
 (11) AU-A-2023232023
 (21) 2023232023 (22) 07.03.2023
 (54) DEVICES FOR DISEASE DETECTION
 (51) Int. Cl.
 A61B 5/15 (2006.01)
 G01N 1/10 (2006.01)
 G01N 33/48 (2006.01)
 G01N 33/49 (2006.01)
 G01N 33/52 (2006.01)
 (87) WO2023/172579
 (31) 63/317,794 (32) 08.03.22 (33) US
 63/333,711 22.04.22 US
 63/390,929 20.07.22 US
 63/428,897 30.11.22 US
 (43) 14.09.2023
 (72) NAUTIYAL, Shivani
 (74) Blue Penguin IP Ltd
-
- (71) AEON BLUE INC.
 (11) AU-A-2023224218
 (21) 2023224218 (22) 22.02.2023
 (54) ISOLATION OF CARBON DIOXIDE USING A HALOGEN GAS
 (51) Int. Cl.
 C25B 1/46 (2006.01)
 B01J 19/08 (2006.01)
 C25B 1/00 (2021.01)
 C25B 9/77 (2021.01)
 C25B 15/08 (2006.01)
 C25B 1/04 (2021.01)
 C25B 1/24 (2021.01)
 (87) WO2023/164514
 (31) 63/313,044 (32) 23.02.22 (33) US
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 C07K 16/28 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
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 E02D 29/00 (2006.01)
 E01F 5/00 (2006.01)
 E04B 1/32 (2006.01)
 E04B 1/38 (2006.01)
 E21D 11/15 (2006.01)
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 A61K 31/4406 (2006.01)
 A61K 39/00 (2006.01)
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 C07K 16/28 (2006.01)
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 B22F 1/068 (2022.01)
 B22F 9/06 (2006.01)
 C22C 29/14 (2006.01)
 C25C 3/06 (2006.01)
 C25C 3/24 (2006.01)
 C25C 7/02 (2006.01)
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 A61B 18/22 (2006.01)
 A61B 90/30 (2016.01)
 A61F 9/008 (2006.01)
 G02B 6/036 (2006.01)
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 A23L 3/3409 (2006.01)
 C02F 1/70 (2023.01)
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A61P 35/00 (2006.01)
C12N 5/20 (2006.01)
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G01N 33/577 (2006.01)
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G06F 3/04815 (2022.01)
G06F 3/0482 (2013.01)
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H01L 31/18 (2006.01)
H01L 31/048 (2014.01)
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B60K 16/00 (2020.01)
B62D 25/06 (2006.01)
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A61K 31/4427 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 25/30 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
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C07D 471/04 (2006.01)
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A61K 38/16 (2006.01)
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A61P 3/10 (2006.01)
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A61P 35/00 (2006.01)
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A61K 31/7105 (2006.01)

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G06F 21/62 (2013.01)
G06K 19/07 (2006.01)
G09F 3/00 (2006.01)
G16H 10/60 (2018.01)
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 (74) Baxter Patent Attorneys Pty Ltd

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A61K 38/17 (2006.01)
A61K 31/7088 (2006.01)
A61K 39/395 (2006.01)
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A61P 35/00 (2006.01)
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B32B 27/00 (2006.01)
B32B 27/04 (2006.01)
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C04B 14/04 (2006.01)
C04B 14/06 (2006.01)
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C04B 11/54 (2006.01)
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C12M 1/00 (2006.01)
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 C07C 275/16 (2006.01)
 A61K 9/51 (2006.01)
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 G16H 10/60 (2018.01)
 G16H 40/40 (2018.01)
 G16H 40/60 (2018.01)
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 B62D 55/07 (2006.01)
 B62D 55/00 (2006.01)
 B62D 55/065 (2006.01)
 B62D 55/075 (2006.01)
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 E21B 41/02 (2006.01)
 F15D 1/00 (2006.01)
 F15D 1/06 (2006.01)
 F16L 57/06 (2006.01)
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 C07D 519/00 (2006.01)
 A61K 31/4035 (2006.01)
 A61K 31/407 (2006.01)
 A61K 31/4164 (2006.01)
 A61K 31/4188 (2006.01)
 A61K 31/4355 (2006.01)
 A61K 31/437 (2006.01)
 A61K 31/4985 (2006.01)
 A61K 31/5025 (2006.01)
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 C07D 471/04 (2006.01)
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 C07K 14/77 (2006.01)
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 C12N 15/82 (2006.01)
 A01H 3/04 (2006.01)
 C12N 15/113 (2010.01)
 A01N 61/00 (2006.01)
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 H01L 31/18 (2006.01)
 H01L 31/046 (2014.01)
 H01L 31/0687 (2012.01)
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 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
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 E02D 29/02 (2006.01)
 E04C 1/00 (2006.01)

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D06M 15/643 (2006.01)
D06P 1/22 (2006.01)
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B60T 15/48 (2006.01)
B61H 11/08 (2006.01)
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C12N 7/00 (2006.01)
C12N 15/86 (2006.01)
C12Q 1/6869 (2018.01)
C12Q 1/6886 (2018.01)
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C12N 7/00 (2006.01)
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B65G 65/20 (2006.01)
E02F 3/24 (2006.01)
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A61K 38/22 (2006.01)
A61K 31/713 (2006.01)
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A61P 25/16 (2006.01)
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A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
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A61K 33/244 (2019.01)
A61K 9/00 (2006.01)
A61K 51/02 (2006.01)
A61L 26/00 (2006.01)
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C02F 1/44 (2023.01)
B01D 61/02 (2006.01)
B01D 61/04 (2006.01)
B01D 61/14 (2006.01)
B01D 63/10 (2006.01)
B01D 65/08 (2006.01)
C02F 3/10 (2023.01)
C02F 3/34 (2023.01)
C02F 101/10 (2006.01)
C02F 101/16 (2006.01)

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A47J 31/52 (2006.01)
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(54) SYSTEM AND METHOD FOR COMPENSATING FOR SCINTILLATION AND FOR FACILITATION OF LONG-BASELINE RTK
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G01S 19/07 (2010.01)
G01S 19/44 (2010.01)
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G01S 1/00 (2006.01)
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G06T 7/00 (2017.01)
A61B 5/00 (2006.01)
A61B 5/021 (2006.01)
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C12Q 1/68 (2018.01)
G06F 17/18 (2006.01)
G16B 30/00 (2019.01)
G16B 40/00 (2019.01)
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B60B 3/16 (2006.01)
B60B 27/00 (2006.01)
G07C 5/00 (2006.01)
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(51) Int. Cl.
F01D 5/14 (2006.01)
F04D 25/08 (2006.01)
F04D 29/38 (2006.01)
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F42D 1/055 (2006.01)
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(51) Int. Cl.
A61B 5/145 (2006.01)
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(74) FB Rice Pty Ltd
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- (71)** DIAXAMED LLC
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(21) 2023244345 (**(22)** 28.03.2023)
(54) IMPROVED TEXTILE GRAFTS
(51) Int. Cl.
A61F 2/06 (2013.01)
A61F 2/02 (2006.01)
A61L 27/00 (2006.01)
A61L 27/44 (2006.01)
A61L 27/54 (2006.01)
A61L 31/10 (2006.01)
A61L 31/16 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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A61M 25/10 (2013.01)
A61B 17/12 (2006.01)
A61M 1/16 (2006.01)
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B67B 7/40 (2006.01)
G07F 11/72 (2006.01)
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C12N 15/09 (2006.01)
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C12Q 1/686 (2018.01)
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 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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 (54) PRIMER DELIVERY SYSTEMS AND METHODS
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F42B 3/26 (2006.01)
F42D 1/04 (2006.01)
F42D 1/18 (2006.01)
F42D 1/22 (2006.01)
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 (54) HELICOPTER ROTOR SYSTEM
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B64C 27/10 (2023.01)
B64C 11/48 (2006.01)
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B42D 25/29 (2014.01)
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 (51) Int. Cl.
G01D 9/00 (2006.01)
G01R 33/02 (2006.01)
G05B 19/18 (2006.01)
G05B 19/42 (2006.01)
G05B 23/02 (2006.01)
G06F 17/40 (2006.01)
H02J 7/00 (2006.01)
H04B 1/38 (2015.01)
H04B 5/00 (2006.01)
H05K 5/00 (2006.01)
H05K 7/02 (2006.01)
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C07K 16/16 (2006.01)
A61P 35/04 (2006.01)
C07K 16/28 (2006.01)
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C07H 15/00 (2006.01)
C12N 15/113 (2010.01)
A61K 47/54 (2017.01)
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(54) ORGANIC HYDRIDE MANUFACTURING DEVICE
(51) Int. Cl.
C25B 9/00 (2021.01)
C25B 3/03 (2021.01)
C25B 3/25 (2021.01)
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C25B 9/00 (2021.01)
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C10G 2/00 (2006.01)
C07C 1/12 (2006.01)
C07C 9/14 (2006.01)
C07C 11/02 (2006.01)
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B01J 23/755 (2006.01)
B01J 19/08 (2006.01)
B01J 21/04 (2006.01)
B01J 23/78 (2006.01)
B01J 23/83 (2006.01)
B01J 23/889 (2006.01)
B01J 35/60 (2024.01)
B01J 37/02 (2006.01)
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C01B 3/04 (2006.01)
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H02J 3/00 (2006.01)
B60L 53/63 (2019.01)
H02J 3/14 (2006.01)
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C12N 15/864 (2006.01)
A61P 1/16 (2006.01)
A61P 3/10 (2006.01)
A61P 35/00 (2006.01)
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(54) DRUG DELIVERY SYSTEM COMPRISING AN ANTI-INFLAMMATORY AGENT OR A SALT THEREOF FOR THE APPLICATION TO ESOPHAGEAL MUCOUS MEMBRANES
(51) Int. Cl.
A61K 9/48 (2006.01)
A61K 9/70 (2006.01)
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(31) 22177668.5 (32) 07.06.22 (33) EP
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(51) Int. Cl.
A61K 9/48 (2006.01)
A61K 9/70 (2006.01)
A61K 31/197 (2006.01)
A61P 1/00 (2006.01)
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A61K 9/48 (2006.01)
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A61K 31/167 (2006.01)
A61P 1/00 (2006.01)
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(54) BICYCLIC HETEROARYL COMPOUNDS AND USES THEREOF
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
(87) WO2023/151560
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(54) PFAS REMOVAL AND DESTRUCTION USING BIOREACTORS FOLLOWED BY SUPERCRITICAL WATER OXIDATION
(51) Int. Cl.
C02F 3/12 (2023.01)
C02F 1/72 (2023.01)
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C02F 1/58 (2023.01)
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(21) 2023230211 **(22)** 09.03.2023
(54) EJECTION UNIT
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B64G 1/64 (2006.01)
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(54) INSERTION SYSTEM
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
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(51) Int. Cl.
A23B 7/02 (2006.01)
A23J 3/22 (2006.01)
A23L 5/00 (2016.01)
A23L 5/10 (2016.01)
A23L 31/00 (2016.01)
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(31) 2022902467 **(32)** 28.08.22 **(33)** AU
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(72) FULLER, James
(74) Pearce IP Pty Ltd
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A61K 38/22 (2006.01)
A61K 38/24 (2006.01)
A61P 15/08 (2006.01)
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(21) 2023228636 **(22)** 02.02.2023
(54) THERAPEUTIC USE OF FIBROBLASTS TO STIMULATE REGENERATION AND REPAIR OF ATROPHIED SPLEEN
(51) Int. Cl.
A61L 27/36 (2006.01)
(87) WO2023/168153
(31) 63/316,264 **(32)** 03.03.22 **(33)** US
 63/344,691 23.05.22 US
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(74) FB Rice Pty Ltd
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(11) AU-A-2023219031
(21) 2023219031 **(22)** 13.02.2023
(54) INTEGRATED FINANCIAL SERVICES PLATFORMS AND METHODS OF USE
(51) Int. Cl.
G06N 20/00 (2019.01)
G06Q 20/06 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/36 (2012.01)
G06Q 30/06 (2023.01)
G06Q 20/02 (2012.01)
G06Q 20/10 (2012.01)
G06Q 20/20 (2012.01)
G06Q 20/24 (2012.01)
G06Q 20/40 (2012.01)
G06Q 40/02 (2023.01)
H04W 4/02 (2018.01)
(87) WO2023/154529
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(72) DUAN, Li; DEWALL, Rana Rae; CONROY, Larry Matthew
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** FOUNDRY INNOVATION & RESEARCH 1, LTD.
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(21) 2023231510 **(22)** 09.03.2023
(54) HEART FAILURE DIAGNOSTIC TOOLS AND METHODS USING SIGNAL TRACE ANALYSIS
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
A61B 5/021 (2006.01)
A61B 5/318 (2021.01)
G16H 40/63 (2018.01)
(87) WO2023/170632
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** FUJITSU GENERAL LIMITED
(11) AU-A-2023246174
(21) 2023246174 **(22)** 28.03.2023
(54) HEAT PUMP DEVICE
(51) Int. Cl.
F24F 5/00 (2006.01)
F24D 3/00 (2022.01)
F24F 11/64 (2018.01)
F24F 11/74 (2018.01)
F24F 11/83 (2018.01)
F24F 140/20 (2018.01)
(87) WO2023/190574
(31) 2022-061047 **(32)** 31.03.22 **(33)** JP
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(72) SHIMANO, Daiki; KONDO, Masahiro; SUDA, Kazuki
(74) Spruson & Ferguson
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- (71)** GACW INCORPORATED
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(21) 2023235988 **(22)** 03.03.2023
(54) WHEEL ASSEMBLY INCLUDING GAS SPRING PISTON BIASING MEMBER AND RELATED METHODS
(51) Int. Cl.
B60B 9/24 (2006.01)
B60B 9/28 (2006.01)
F16F 9/02 (2006.01)
F16F 9/04 (2006.01)
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(21) 2023221386 **(22)** 15.02.2023
(54) SAMPLE TESTING DEVICES AND METHODS
(51) Int. Cl.
C12Q 1/68 (2018.01)
G01N 1/28 (2006.01)
G01N 1/38 (2006.01)
G01N 1/40 (2006.01)
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(11) AU-A-2023227350
(21) 2023227350 **(22)** 28.02.2023
(54) METHOD FOR HARMONISING DATA BETWEEN MACHINES
(51) Int. Cl.
A61B 5/372 (2021.01)
A61B 5/00 (2006.01)
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(54) ANTIVIRAL COMPOUNDS AND METHODS OF MAKING AND USING THE SAME
(51) Int. Cl.
A61P 31/14 (2006.01)
A61K 31/53 (2006.01)
A61P 31/16 (2006.01)
C07D 487/04 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) ANTIVIRAL COMPOUNDS AND METHODS OF MAKING AND USING THE SAME
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/53 (2006.01)
A61P 31/12 (2006.01)
C07D 519/00 (2006.01)
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(54) IKAROS ZINC FINGER FAMILY DEGRADERS AND USES THEREOF
(51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/4035 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 405/12 (2006.01)
C07D 405/14 (2006.01)
C07D 417/14 (2006.01)
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(43) 08.12.22
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C07D 405/14 (2006.01)
A61K 31/443 (2006.01)
A61K 31/4436 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
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A61P 13/12 (2006.01)
A61P 25/00 (2006.01)
A61P 25/08 (2006.01)
A61P 25/16 (2006.01)
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C07D 407/14 (2006.01)
C07D 409/14 (2006.01)
C07D 471/04 (2006.01)
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C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
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(51) Int. Cl.
B65D 41/30 (2006.01)
B65D 39/16 (2006.01)
B65D 41/16 (2006.01)
B65D 41/28 (2006.01)
B65D 41/60 (2006.01)
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(72) GOMEZ, Michael
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(21) 2023232184 **(22)** 07.03.2023
(54) BENZO BICYCLIC COMPOUND, AND PREPARATION METHOD AND APPLICATION THEREOF
(51) Int. Cl.
C07D 405/14 (2006.01)
A61K 31/443 (2006.01)
A61K 31/4436 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 9/12 (2006.01)
A61P 13/12 (2006.01)
A61P 25/00 (2006.01)
A61P 25/08 (2006.01)
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A61P 25/28 (2006.01)
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A61K 9/14 (2006.01)
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(51) Int. Cl.
E04G 21/26 (2006.01)
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B25C 7/00 (2006.01)
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F16L 3/13 (2006.01)
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A61K 38/04 (2006.01)
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A01G 25/09 (2006.01)
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(54) GAMEPLAY AREA SYSTEM
(51) Int. Cl.
A63F 3/00 (2006.01)
A63F 1/06 (2006.01)
A63F 9/04 (2006.01)
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G01D 5/12 (2006.01)
A61N 1/36 (2006.01)
A61N 1/378 (2006.01)
A61N 1/40 (2006.01)
G01D 5/20 (2006.01)
H02J 50/10 (2016.01)
H02J 50/80 (2016.01)
H04B 5/00 (2006.01)
H04R 25/00 (2006.01)
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G06Q 50/40 (2024.01)
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(51) Int. Cl.
A63B 24/00 (2006.01)
A63B 21/055 (2006.01)
A63B 21/06 (2006.01)
A63B 71/06 (2006.01)
(87) WO2023/168498
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(54) IMPLANT ENCODER
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/11 (2006.01)
A61F 2/32 (2006.01)
A61F 2/34 (2006.01)
A61F 2/36 (2006.01)
A61F 2/38 (2006.01)
A61F 2/40 (2006.01)
A61B 17/70 (2006.01)
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A61F 2/46 (2006.01)
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(21) 2023227000	(22) 28.02.2023		(21) 2023398865	(22) 14.12.2023		(21) 2023252606
(54) COMMUNICATION METHOD AND APPARATUS			(54) LIBRARY PREPARATION SYSTEMS AND ASSOCIATED METHODS			(22) 02.04.2023
(51) Int. Cl.			(51) Int. Cl.			(54) COATED SWEETENER PARTICLES
H04W 4/02 (2018.01)			G01N 35/00 (2006.01)			(51) Int. Cl.
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(54) COMMUNICATION METHOD AND APPARATUS, AND DEVICE			(54) REDUCING URACILS BY POLYMERASE			
(51) Int. Cl.			(51) Int. Cl.			
H04L 67/51 (2022.01)			C12Q 1/6806 (2018.01)			
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(54) ANTENNA ARRANGEMENT FOR MIMO ANTENNA APPLICATIONS			(54) LOCATOR FOR SURVEY APPARATUS			(22) 03.03.2023
(51) Int. Cl.			(51) Int. Cl.			(54) DEVICE FOR AGITATING SAMPLES
H01Q 1/52 (2006.01)			E21B 17/10 (2006.01)			(51) Int. Cl.
H01Q 5/371 (2015.01)			(87) WO2023/187693			B01F 31/22 (2022.01)
H01Q 5/42 (2015.01)			(31) 2022900838	(32) 31.03.22	(33) AU	B01F 31/20 (2022.01)
H01Q 9/42 (2006.01)			(43) 05.10.2023			B01F 35/42 (2022.01)
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(54) AMMONIA-USING SYSTEM			(54) BLOOD-FILTERING DEVICES FOR USE WITH CLOT TREATMENT SYSTEMS			(22) 03.03.2023
(51) Int. Cl.			(51) Int. Cl.			(54) ENGINEERED ENZYMES AND BIOPRODUCTION OF BAKUCHIOL
F23K 5/18 (2006.01)			A61M 5/178 (2006.01)			(51) Int. Cl.
F23G 7/08 (2006.01)			A61B 5/153 (2006.01)			C12P 7/22 (2006.01)
F23N 5/24 (2006.01)			A61B 17/22 (2006.01)			(87) WO2023/168043
F25B 45/00 (2006.01)			A61M 5/315 (2006.01)			(31) 63/316,855
(87) WO2023/181509			A61M 1/00 (2006.01)			(32) 04.03.22
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 (21) 2023248423 (22) 07.04.2023
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G06F 16/2455 (2019.01)
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B66B 13/02 (2006.01)
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H04B 11/00 (2006.01)
H02J 50/15 (2016.01)
A61N 1/372 (2006.01)
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A61K 39/125 (2006.01)
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A61P 35/00 (2006.01)
C07D 231/12 (2006.01)
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 B63B 77/10 (2020.01)
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 F03D 13/25 (2016.01)
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C12N 5/0735 (2010.01)
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B21F 1/00 (2006.01)
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B29C 51/14 (2006.01)
B29C 51/42 (2006.01)
B32B 37/06 (2006.01)
B32B 43/00 (2006.01)
H01L 31/048 (2014.01)
H01L 31/18 (2006.01)
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A61K 31/5377 (2006.01)
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C07D 401/14 (2006.01)
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(21) 2023231050 **(22)** 07.03.2023
(54) TREATMENT WITH AN ANTIBODY THAT BINDS EGFR AND CMET.
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/46 (2006.01)
(87) WO2023/172134
(31) 2031178 **(32)** 07.03.22 **(33)** NL
 2032395 06.07.22 NL
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(72) LAMMERTS VAN BUEREN, Jeroen Jilles; LAUS, Gianluca; BARASA, Benjamin Awori
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2023218242
(21) 2023218242 **(22)** 30.01.2023
(54) BUG SWATTER WITH COVER MEMBER
(51) Int. Cl.
A01M 3/02 (2006.01)
A01M 1/22 (2006.01)
A01M 3/04 (2006.01)
A01M 5/02 (2006.01)
(87) WO2023/154191
(31) 63/310,048 **(32)** 14.02.22 **(33)** US
(43) 17.08.2023
(72) MEYER, Kelly E.; MEYER, Joshua D.; MEYER, Douglas G.
(74) Spruson & Ferguson
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- (71)** MIDREX TECHNOLOGIES, INC.; KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.)
(11) AU-A-2023231111
(21) 2023231111 **(22)** 08.03.2023
(54) HOT METAL PRODUCTION FROM DRI WITH ELECTRIC ARC HEATING
(51) Int. Cl.
C21B 7/00 (2006.01)
C21B 5/00 (2006.01)
C21B 5/06 (2006.01)
(87) WO2023/172597
(31) 63/318,935 **(32)** 11.03.22 **(33)** US
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(43) 14.09.2023
(72) MICHISHITA, Haruyasu; TOKUDA, Koji; MIMURA, Tsuyoshi; FUJIWARA, Katsuma
(74) WRAYS PTY LTD
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- (71)** MIMOSA DIAGNOSTICS INC.
(11) AU-A-2023227216
(21) 2023227216 **(22)** 28.02.2023
(54) RELEASABLE PORTABLE IMAGING DEVICE FOR MULTISPECTRAL MOBILE TISSUE ASSESSMENT
(51) Int. Cl.
A61B 5/00 (2006.01)
G01J 3/02 (2006.01)
G01J 3/28 (2006.01)
G01C 3/08 (2006.01)

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(72) LEUNG, General; WONG, Yip Wing; DUTA, Dragos Ioan; SWIFT, Nathan; GURDIC, Armin
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(54) COMBINATION THERAPIES COM-PRISING A SOS1 INHIBITOR AND AN EGFR INHIBITOR
(51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/16 (2006.01)
A61K 31/407 (2006.01)
A61K 31/33 (2006.01)
(87) WO2023/196086
(31) 63/329,090 **(32)** 08.04.22 **(33)** US
(43) 12.10.2023
(72) HALING, Jacob; KHARE, Shilpi
(74) Spruson & Ferguson
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(21) 2022458292 **(22)** 13.05.2022
(54) AIR CONDITIONING CONTROL DEVICE, AIR CONDITIONING CONTROL METHOD, AND AIR CONDITIONING CONTROL PROGRAM
(51) Int. Cl.
F24F 11/64 (2018.01)
(87) WO2023/218634
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(72) OHTA, Yoshihiro; MINEYUKI, Takuma; KANEKO, Yosuke
(74) Griffith Hack
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- (71)** MITSUBISHI GAS CHEMICAL COMPANY, INC.
(11) AU-A-2023255931
(21) 2023255931 **(22)** 17.04.2023
(54) METHOD FOR PRODUCING LG-PS-BASED SOLID ELECTROLYTE, AND METHOD FOR PRODUCING ALL-SOLID-STATE BATTERY
(51) Int. Cl.
H01B 13/00 (2006.01)
H01B 1/06 (2006.01)
H01B 1/10 (2006.01)
H01M 10/0562 (2010.01)
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(43) 26.10.2023
(72) NITANDA KATORI Aki
(74) FB Rice Pty Ltd
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(11) AU-A-2023246248
(21) 2023246248 **(22)** 30.03.2023
(54) METHOD FOR SEPARATING COBALT AND NICKEL
(51) Int. Cl.
C22B 23/02 (2006.01)
C22B 1/02 (2006.01)
C22B 3/04 (2006.01)
C22B 3/08 (2006.01)
C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
C22B 7/00 (2006.01)
H01M 10/54 (2006.01)
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(21) 2023240452 **(22)** 14.03.2023
(54) REBAR PLACEMENT APPARATUSES AND METHODS
(51) Int. Cl.
E04C 5/16 (2006.01)
E04C 5/20 (2006.01)
E04G 17/06 (2006.01)
(87) WO2023/180870
(31) 17/703,127 **(32)** 24.03.22 **(33)** US
(43) 28.09.2023
(72) MIZRACHI, Mordechai; SHITRIT, Gilad
(74) Wallington-Dummer
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(21) 2023411131 **(22)** 22.12.2023
(54) APPARATUS AND METHOD FOR PERFORMING MAGNETIC SEPARATION
(51) Int. Cl.
B03C 1/22 (2006.01)
(87) WO2024/138239
(31) 2022/13909 **(32)** 22.12.22 **(33)** ZA
(43) 27.06.2024
(72) LE ROUX, Charles Roberts
(74) James & Wells Intellectual Property
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- (71)** MODERN MEADOW, INC.
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(21) 2023257357 **(22)** 17.04.2023
(54) POLYURETHANE FIBERS AND METHODS OF MAKING THE SAME
(51) Int. Cl.
D01F 8/02 (2006.01)
D01F 6/70 (2006.01)
D01F 8/04 (2006.01)
D01D 5/06 (2006.01)
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(72) CAI, Shaobo; CORBETT, Cheresé; SHARMA, Varna; NORMAN, Alexander Iain; HANDLIN JR., Dale L.; WILLIAMSON, David
(74) Allens Patent & Trade Mark Attorneys
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- (71)** MODINE, LLC; MARGERISON, R.; MONNIG, T.; GRAHAM, R.; HAUGHT, B.; KING, E.; MERTEL, J.
(11) AU-A-2023250924
(21) 2023250924 **(22)** 05.04.2023
(54) LIQUID IMMERSION COOLING PLATFORM WITH AN ADJUSTABLE WEIR AND MULTIFUNCTIONAL COMPUTE DEVICE HANDLES
(51) Int. Cl.
H01L 23/473 (2006.01)
B25J 18/00 (2006.01)
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(43) 12.10.2023
(72) MARGERISON, Richard; MONNIG, Taylor; GRAHAM, Ryan; HAUGHT, Brian; KING, Edward; MERTEL, Jacob
(74) James & Wells Intellectual Property
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(11) AU-A-2022445160
(21) 2022445160 **(22)** 11.03.2022
(54) PROCESSING A HYDROCARBON USING PYROLYSIS, METHOD AND APPARATUS
(51) Int. Cl.
B01J 8/22 (2006.01)
C01B 3/26 (2006.01)
(87) WO2023/169691
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(72) SPRUNG, Andreas; ANTREKOW-ITSCH, Helmut; NEUSCHITZER, David; SCHEIBLEHNER, David; WIBNER, Stefan
(74) Davies Collision Cave Pty Ltd
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- (71)** MYRIOTA PTY LTD
(11) AU-A-2023236038
(21) 2023236038 **(22)** 14.03.2023
(54) COARSE GEOLOCATION OF REMOTE TERMINALS
(51) Int. Cl.
G01S 19/48 (2010.01)
G01S 19/27 (2010.01)
G01S 19/28 (2010.01)
H04W 4/02 (2018.01)
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(72) LAYTON, Kelvin Jon; GRANT, Alexander James
(74) Madderns Pty Ltd
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- (71)** NABRAWIND TECHNOLOGIES, S.L.
(11) AU-A-2022452162
(21) 2022452162 **(22)** 06.04.2022
(54) METHOD FOR REPAIRING THE ROOT OF A BLADE
(51) Int. Cl.
F03D 80/50 (2016.01)
F03D 1/06 (2006.01)
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(72) MONREAL LESMES, Javier; SANZ PASCUAL, Eneko; AROCENA DE LA RÚA, Ion; IRIARTE ELETA, Javier; MAYOR MORENO, Luis Alberto; RODRÍGUEZ SAIZ, Emilio; RODRÍGUEZ VEGA, Victor
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 (11) AU-A-2023226435
 (21) 2023226435 (22) 07.02.2023
 (54) ANTIBODIES AND VARIANTS THEREOF AGAINST HUMAN B7-H3
 (51) Int. Cl.
G07K 16/30 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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 (31) PCT/ CN2022/078008 (32) 25.02.22 (33) CN
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 (72) ZHOU, Yi; LI, Zhongdao; FANG, Zhuo; JIA, Wenshuang; SHAO, Cuiying
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) NATERA, INC.
 (11) AU-A-2023242777
 (21) 2023242777 (22) 28.03.2023
 (54) PREDICTIVE MACHINE LEARNING MODELS FOR PREECLAMPSIA USING ARTIFICIAL NEURAL NETWORKS
 (51) Int. Cl.
G16B 20/00 (2019.01)
G16B 40/20 (2019.01)
G16H 50/30 (2018.01)
 (87) WO2023/192224
 (31) 63/324,469 (32) 28.03.22 (33) US
 63/400,380 23.08.22 US
 (43) 05.10.2023
 (72) BELLESIA, Giovanni; PRIGMORE, Brit-tany; AHMED, Ebad; SOUTER, Vivienne; KHALIL, Asma
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 (11) AU-A-2023232838
 (21) 2023232838 (22) 07.03.2023
 (54) PREVENTING/TREATING PSEUDOMONAS AERUGINOSA INFECTION
 (51) Int. Cl.
C07K 16/12 (2006.01)
A61K 39/104 (2006.01)
A61K 39/385 (2006.01)
A61P 31/04 (2006.01)
A61P 37/04 (2006.01)
C07H 15/04 (2006.01)
C07K 14/195 (2006.01)
C07K 14/21 (2006.01)
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G01N 33/569 (2006.01)
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 (72) COX, Andrew David; VINOGRADOV, Evguenii; SAUVAGEAU, Janelle
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 (21) 2023218232 (22) 07.02.2023
 (54) POLYMER COMPOSITES FOR HARVESTING MOISTURE AND METHODS OF FABRICATION THEREOF
 (51) Int. Cl.
B01J 20/26 (2006.01)
A01G 24/10 (2018.01)
A01G 24/35 (2018.01)
B01J 20/04 (2006.01)
B29C 64/129 (2017.01)
C08J 3/24 (2006.01)
C08K 3/01 (2018.01)
C08K 3/16 (2006.01)
C08L 33/04 (2006.01)
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 (72) BORAYEK, Ramadan Abdelhamid Yousef Mohamed; DING, Jun
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 (54) METHODS AND COMPOSITIONS FOR THE ENZYMATIC PRODUCTION OF PSEUDOURIDINE TRIPHOSPHATE
 (51) Int. Cl.
C12P 19/32 (2006.01)
C12N 9/12 (2006.01)
C12N 9/88 (2006.01)
C12P 19/38 (2006.01)
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 (31) 63/323,145 (32) 24.03.22 (33) US
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 (72) KOGLIN, Alexander; HUMBERT, Michael; STRIEKER, Matthias; ELIASON, Grant; HENNELLY, Scott, Patrick
 (74) Adams Pluck
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 (21) 2023241893 (22) 29.03.2023
 (54) INTEGRATED ARRAYS FOR SINGLE-ANALYTE PROCESSES
 (51) Int. Cl.
G01N 21/64 (2006.01)
C12Q 1/6837 (2018.01)
 (87) WO2023/192917
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 (43) 05.10.2023
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 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) NECA LLC
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 (54) SYSTEMS AND METHODS FOR PRODUCT PURCHASES AND NON-FUNGIBLE TOKENS
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G06Q 20/36 (2012.01)
G06Q 20/12 (2012.01)
G06Q 20/38 (2012.01)
G06Q 30/08 (2012.01)
 (87) WO2023/172516
 (31) 63/317,421 (32) 07.03.22 (33) US
 (43) 14.09.2023
 (72) WEINSHANKER, Joel
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 (54) STRAINED SKIN TREATMENT DEVICES AND METHODS
 (51) Int. Cl.
A61F 13/02 (2006.01)
A61F 15/00 (2006.01)
 (87) WO2023/172878
 (31) 63/317,839 (32) 08.03.22 (33) US
 (43) 14.09.2023
 (72) WADLOW, Philip James; JACKSON, Jasper; LIPMAN, Kelley J.; LASRADO, Reuben Elmar; VAN SYOC, William James; ZEPEDA, John A.
 (74) Davies Collison Cave Pty Ltd
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- (71) NIHON NOHYAKU CO., LTD.
 (11) AU-A-2023234220
 (21) 2023234220 (22) 17.03.2023
 (54) AZOLE COMPOUND AND ANTI-FUNGAL AGENT
 (51) Int. Cl.
C07D 409/14 (2006.01)
A61K 31/4439 (2006.01)
A61P 31/10 (2006.01)
C07D 413/14 (2006.01)
 (87) WO2023/176957
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 2022-190422 29.11.22 JP
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 (72) MIYAZAKI, Yosuke; NAKAMURA, Akihiro
 (74) FPA Patent Attorneys Pty Ltd
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- (71) NIX, K.W.I.; EDWARDS, R.P.
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 (21) 2023235061 (22) 13.03.2023
 (54) A SYSTEM AND METHOD FOR STORAGE AND WITHDRAWAL OF ELECTRICAL ENERGY FROM A SUBTERRANEAN ENVIRONMENT
 (51) Int. Cl.
H01M 10/65 (2014.01)
B60L 53/80 (2019.01)
E21B 34/00 (2006.01)
H01M 50/262 (2021.01)
 (87) WO2023/177615
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 (72) NIX, Kenneth, Wayne, III; EDWARDS, Ryan, Patrick
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- (71) NIXON, S.; FUNCK, M.C.
 (11) AU-A-2023231478

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G01C 11/04 (2006.01)
B64D 47/08 (2006.01)
G01C 11/02 (2006.01)
G03B 15/00 (2021.01)
H04N 25/40 (2023.01)
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 (31) 17/688,139 (32) 07.03.22 (33) US
 (43) 14.09.2023
 (72) NIXON, Stuart; FUNCK, Max, Christian
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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 (11) AU-A-2023232837
 (21) 2023232837 (22) 02.03.2023
 (54) DUMP CAR HAVING ARCHED TOP AND SIDE GATES
 (51) Int. Cl.
B61D 7/16 (2006.01)
B61D 5/00 (2006.01)
B61D 7/08 (2006.01)
B61D 7/20 (2006.01)
B65D 90/58 (2006.01)
 (87) WO2023/168515
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 (21) 2023232840 (22) 09.03.2023
 (54) CONTINUOUS ACTUATOR DRIVEN MATERIAL HANDLING SYSTEM FOR VERTICAL AND INCLINED SHAFTS
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B65G 35/06 (2006.01)
E21F 13/04 (2006.01)
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(71) NORTHROP GRUMMAN SYSTEMS CORPORATION
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 (21) 2023257216 (22) 10.04.2023
 (54) ATOMIC OPTICAL REFERENCE SYSTEM
 (51) Int. Cl.
H03L 7/26 (2006.01)
H01S 1/06 (2006.01)
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 (54) MULTISPECIFIC ANTIBODIES TARGETING IL-13 AND IL-18
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 17/00 (2006.01)
A61P 37/00 (2006.01)
C07K 16/46 (2006.01)
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 (72) BARDROFF, Michael Otto; CEBE, Regis; KOVARIK, Jiri; KOLBINGER, Frank; KIFFE, Michael; RITTER, Anett; ROTH, Lukas
 (74) Davies Collison Cave Pty Ltd

(71) NUVALENT, INC.
 (11) AU-A-2023249641
 (21) 2023249641 (22) 06.04.2023
 (54) SOLID FORMS, PHARMACEUTICAL COMPOSITIONS AND PREPARATION OF HETEROAROMATIC MACROCYCLIC ETHER COMPOUNDS
 (51) Int. Cl.
C07D 498/22 (2006.01)
C07C 53/18 (2006.01)
C07C 55/07 (2006.01)
C07C 55/10 (2006.01)
C07C 57/145 (2006.01)
C07C 57/15 (2006.01)
C07C 59/245 (2006.01)
C07C 59/255 (2006.01)
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C07C 65/10 (2006.01)
C07C 309/04 (2006.01)
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C07D 213/65 (2006.01)
C07D 213/73 (2006.01)
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 (31) 63/328,609 (32) 07.04.22 (33) US
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 (72) COOPER, Christopher, G. F.; GERARD, Baudouin; HORAN, Joshua, Courtney; KROPP, Jason, T.; LANE, Benjamin, Stephen; PEARSON, David, James; MACEACHERN, Lauren, Ashley; HE, Yameng; SINGH, Mandeep; NARAYANAPPA, Arkesh
 (74) FB Rice Pty Ltd

(71) OCADO INNOVATION LIMITED
 (11) AU-A-2023229012
 (21) 2023229012 (22) 01.03.2023
 (54) FINGER SUB-ASSEMBLY FOR A ROBOTIC MANIPULATOR
 (51) Int. Cl.
B25J 15/00 (2006.01)
B25J 15/04 (2006.01)
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 (87) WO2023/166092
 (31) 2202957.3 (32) 03.03.22 (33) GB
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 (72) THOMAS, Paris; JUPP, Lily
 (74) James & Wells Intellectual Property

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 (21) 2022445163 (22) 28.11.2022
 (54) ORTHODONTIC LIGATURE
 (51) Int. Cl.
A61C 7/14 (2006.01)
A61C 7/30 (2006.01)
 (87) WO2023/169706
 (31) 22382218.0 (32) 09.03.22 (33) EP
 (43) 14.09.2023
 (72) CARRIERE LLUCH, Luis
 (74) GLMR

(71) OWENS-BROCKWAY GLASS CONTAINER INC.
 (11) AU-A-2023235044
 (21) 2023235044 (22) 01.03.2023
 (54) METHOD AND SYSTEM FOR MANUFACTURING GLASS
 (51) Int. Cl.
C03B 5/173 (2006.01)
 (87) WO2023/177530
 (31) 17/693,524 (32) 14.03.22 (33) US
 (43) 21.09.2023
 (72) TOWNSEND, Casey; CLICK, Carol
 (74) Spruson & Ferguson

(71) PEPSICO, INC.
 (11) AU-A-2023232734
 (21) 2023232734 (22) 16.02.2023
 (54) AUTOMATED LOCAL DELIVERY CENTER
 (51) Int. Cl.
G07F 13/06 (2006.01)
B25J 11/00 (2006.01)
G07F 9/00 (2006.01)
 (87) WO2023/172811
 (31) 17/690,705 (32) 09.03.22 (33) US
 (43) 14.09.2023
 (72) MALPARTIDA, Gino; SASLOFF, Michael; STOENESCU, Eleonor, Dorin
 (74) Allens Patent & Trade Mark Attorneys

(71) PERQHERN LIMITED
 (11) AU-A-2023237553
 (21) 2023237553 (22) 20.03.2023
 (54) AN ANATOMICAL DEFECT REPAIR MESH
 (51) Int. Cl.
A61F 2/00 (2006.01)
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 (74) WRAYS PTY LTD

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 (51) Int. Cl.
G06T 7/00 (2017.01)

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G06V 10/74 (2022.01)
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C07D 311/30 (2006.01)
A61P 9/00 (2006.01)
A61P 19/00 (2006.01)
A61P 35/00 (2006.01)
C07D 405/04 (2006.01)
C07D 405/12 (2006.01)
C07D 405/14 (2006.01)
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
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C07D 419/14 (2006.01)
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(54) ANTI-BMP9 ANTIBODIES AND METHODS OF USE THEREOF
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C07K 16/22 (2006.01)
A61P 9/00 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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C02F 1/04 (2023.01)
B01D 1/00 (2006.01)
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C07K 14/405 (2006.01)
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C07K 14/47 (2006.01)
C12N 15/82 (2006.01)
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(31) 2205111.4 (32) 07.04.22 (33) GB
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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A23K 10/30 (2016.01)
A23K 20/10 (2016.01)
A23K 20/132 (2016.01)
A23K 50/10 (2016.01)
A23K 50/30 (2016.01)
A23K 50/40 (2016.01)
A23K 50/75 (2016.01)
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(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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(54) METHOD OF PRETREATING A PIPELINE OR APPARATUS
(51) Int. Cl.
B05D 5/08 (2006.01)
C08K 3/01 (2018.01)
C09K 8/52 (2006.01)
C10M 125/00 (2006.01)
C23C 26/00 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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C21B 5/06 (2006.01)
C21B 13/00 (2006.01)
C21B 13/02 (2006.01)
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(21) 2023228847 (22) 03.03.2023
(54) TREATMENT COMPOSITION FOR NASAL AND ORAL DRYNESS, NOSEBLEEDS, AND ALLERGY SYMPTOMS
(51) Int. Cl.
A61K 9/06 (2006.01)
A61K 45/06 (2006.01)
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F17C 11/00 (2006.01)
C01B 3/00 (2006.01)
F25D 25/00 (2006.01)
H01M 8/04 (2016.01)
H01M 8/04089 (2016.01)
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 (72) KERNENE, Nicolas
 (74) FB Rice Pty Ltd

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 (54) BTO PHASE SHIFTER AND METHOD OF FABRICATION THEREOF
 (51) Int. Cl.
G02F 1/035 (2006.01)
G02B 6/13 (2006.01)
B82Y 10/00 (2011.01)
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 (54) METHOD OF AND SYSTEM FOR FORMING A RECEPTACLE
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D21J 3/10 (2006.01)
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C12N 9/22 (2006.01)
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 (54) COMBINATION, THERAPEUTIC USES AND PROPHYLACTIC USES
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A61K 38/44 (2006.01)
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A23K 20/189 (2016.01)
A61K 8/64 (2006.01)
A61K 8/66 (2006.01)
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A61K 9/00 (2006.01)
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A61Q 11/00 (2006.01)
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F02G 1/02 (2006.01)
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 (72) RABHI, Vianney
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G05D 1/20 (2024.01)
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G01N 33/68 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/569 (2006.01)

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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) SYSTEMS AND METHODS FOR OPTIMIZING PARAMETERS OF A RESPIRATORY THERAPY SYSTEM
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A61M 16/00 (2006.01)
A61B 5/00 (2006.01)
A61B 5/08 (2006.01)
A61B 5/107 (2006.01)
A61M 16/06 (2006.01)
G16H 20/00 (2018.01)
G16H 40/60 (2018.01)
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 (74) James & Wells Intellectual Property

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 (54) A SYSTEM AND METHOD OF AIR ISOLATION FOR PASSENGERS AND OTHERS
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A61G 10/00 (2006.01)
F24F 13/10 (2006.01)
 (87) WO2023/152760
 (31) 202241006600 (32) 08.02.22 (33) IN
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 (72) REVANKAR KRISHNA PRASAD, Panduranga
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 (51) Int. Cl.
B21D 7/06 (2006.01)
B21D 9/04 (2006.01)
B21D 9/05 (2006.01)
B21D 9/08 (2006.01)
 (87) WO2023/172500
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A61M 25/02 (2006.01)
A61M 5/14 (2006.01)
A61M 39/08 (2006.01)
F16L 3/00 (2006.01)
F16L 3/08 (2006.01)
F16L 3/22 (2006.01)
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(74) James & Wells Intellectual Property
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C07K 16/10 (2006.01)
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(31) 2202232.1 (32) 18.02.22 (33) GB
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) FLOATING OFFSHORE STRUCTURE
(51) Int. Cl.
B63B 21/00 (2006.01)
B63B 35/44 (2006.01)
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(72) RUNGE, Jörn; VON SCHÉELE, Aron von Schéele; DEUS, Pascal
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(21) 2023217092 (22) 10.02.2023
(54) COMPOSITIONS OF AND METHODS FOR A COLD SLURRY HAVING HYALURONIC ACID
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A61K 31/728 (2006.01)
- A61B 18/02 (2006.01)
A61K 31/215 (2006.01)
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- (71) SALUS DISCOVERY, LLC; FLAMBEAU DIAGNOSTICS, LLC
(11) AU-A-2023241629
(21) 2023241629 (22) 29.03.2023
(54) SYSTEMS AND METHODS FOR ISOLATING A TARGET FROM A FLUID SAMPLE
(51) Int. Cl.
G01N 33/551 (2006.01)
C12N 15/10 (2006.01)
B01L 3/02 (2006.01)
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(31) 63/324,924 (32) 29.03.22 (33) US
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(21) 2023246831 (22) 28.03.2023
(54) POST FOR SECURING A PANEL, AND FRENCH-STYLE BALCONY, PRIVACY SCREEN OR SUNSHADE COMPRISING SUCH A POST
(51) Int. Cl.
E04F 11/18 (2006.01)
E04F 10/00 (2006.01)
F16B 2/10 (2006.01)
(87) WO2023/186882
(31) 2202852 (32) 30.03.22 (33) FR
(43) 05.10.2023
(72) ROUIF, Léandre; CHAPEL, Romain; GIACOMETTI, Sylvianne
(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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- (71) SCHLUMBERGER TECHNOLOGY B.V.
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(21) 2022445507 (22) 07.03.2022
(54) CARBON RICH LAYER FOR SCALE CONTROL
(51) Int. Cl.
E21B 41/02 (2006.01)
C23C 16/02 (2006.01)
C23C 16/26 (2006.01)
E21B 34/06 (2006.01)
(87) WO2023/172236
(43) 14.09.2023
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(54) SYSTEMS AND METHODS TO MODEL AND MONITOR ENVIRONMENTAL IMPACT OF WELL COMPLETION ACTIVITIES
(51) Int. Cl.
E21B 43/16 (2006.01)
E21B 49/00 (2006.01)
G06N 20/00 (2019.01)
(87) WO2023/172709
(31) 63/269,129 (32) 10.03.22 (33) US
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(11) AU-A-2023234461
(21) 2023234461 (22) 07.03.2023
(54) SYSTEMS AND METHODS FOR ANALYSIS OF DRILLING FLUID
(51) Int. Cl.
E21B 49/08 (2006.01)
E21B 43/12 (2006.01)
(87) WO2023/177994
(31) 17/654,692 (32) 14.03.22 (33) US
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(74) Griffith Hack
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(11) AU-A-2023251150
(21) 2023251150 (22) 03.04.2023
(54) MODULAR ELECTRICAL PROTECTION DEVICE WITH CONTROL AND POWER MODULES
(51) Int. Cl.
H01H 9/54 (2006.01)
H01H 71/08 (2006.01)
H01H 71/10 (2006.01)
(87) WO2023/194292
(31) FR2203047 (32) 04.04.22 (33) FR
(43) 12.10.2023
(72) DOMEJEAN, Eric; BRENGUIER, Jérôme; COURT, Frédéric
(74) Madderns Pty Ltd
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(11) AU-A-2023232116
(21) 2023232116 (22) 09.03.2023
(54) SYSTEMS AND METHODS FOR PULMONARY EMBOLI REMOVAL
(51) Int. Cl.
A61B 17/22 (2006.01)
A61M 25/10 (2013.01)
A61M 1/00 (2006.01)
(87) WO2023/173044
(31) 63/318,490 (32) 10.03.22 (33) US

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 (74) Griffith Hack
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 (11) AU-A-2023231624
 (21) 2023231624 (22) 07.03.2023
 (54) EFFICIENT BIOLOGICAL TISSUE TREATMENT SYSTEMS AND METHODS
 (51) Int. Cl.
A61N 5/06 (2006.01)
A61B 18/00 (2006.01)
A61B 18/18 (2006.01)
A61B 18/20 (2006.01)
 (87) WO2023/172900
 (31) 63/317,097 (32) 07.03.22 (33) US
 (43) 14.09.2023
 (72) MAKOWSKI, Alexander; HECHT, Hartmuth; NEGUS, Daniel, K.
 (74) James & Wells Intellectual Property
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- (71) SEIGLER, S.H.
 (11) AU-A-2023240088
 (21) 2023240088 (22) 13.03.2023
 (54) DRY FIRE PRACTICE TRAINING DEVICE FOR SINGLE STACK PISTOLS
 (51) Int. Cl.
F41A 33/00 (2006.01)
F41A 9/61 (2006.01)
F41A 19/06 (2006.01)
 (87) WO2023/183155
 (31) 63/319,177 (32) 11.03.22 (33) US
 (43) 28.09.2023
 (72) SEIGLER, Stanley Hahn
 (74) Spruson & Ferguson
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- (71) SHANGHAI HANSOH BIOMEDICAL CO., LTD.; JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.
 (11) AU-A-2023233629
 (21) 2023233629 (22) 17.03.2023
 (54) NITROGEN-CONTAINING HETEROCYCLIC DERIVATIVE INHIBITOR, PREPARATION METHOD THEREFOR AND USE THEREOF
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
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A47C 1/024 (2006.01)
A47C 7/38 (2006.01)
A47C 7/42 (2006.01)
A47C 7/44 (2006.01)
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 (72) LEE, Young Tak; YOON, Dae Ho; LEE, Sang Jae
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- (71) SIEGAL, J.G.
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 (54) PRODUCTION OF HIGH-QUALITY GRAPHENE FROM SOLID CARBON SOURCES
 (51) Int. Cl.
C01B 32/182 (2017.01)
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C01B 32/15 (2017.01)
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 (31) 63/319,039 (32) 11.03.22 (33) US
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 (72) SIEGAL, Jacob, Grant
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2023234559 (22) 05.01.2023
 (54) METHOD FOR OPERATING AN ELECTROLYSIS PLANT, AND ELECTROLYSIS PLANT
 (51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/19 (2021.01)
C25B 15/023 (2021.01)
C25B 15/031 (2021.01)
C25B 15/033 (2021.01)
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 (31) 10 2022 202 552.0 (32) 15.03.22 (33) DE
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 (72) HANEBUTH, Marc; ROGLER, Mirjam; WAGNER, Richard
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 (54) ELECTROLYSER AND METHOD FOR OPERATING AN ELECTROLYSER
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C25B 1/04 (2021.01)
C25B 9/70 (2021.01)
C25B 15/08 (2006.01)
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 (54) FIBER-REINFORCED STRUCTURES
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C04B 28/02 (2006.01)
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 (72) GÖSSI, Matthias; RIEGER, Carsten
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- (71) SIKA TECHNOLOGY AG
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 (21) 2023238074 (22) 07.03.2023
 (54) METHOD FOR THE TREATMENT OF NON-HARDENED CEMENT COMPOSITIONS, ADMIXTURE TO BE USED IN SUCH METHOD, AND USE OF SOLID GRANULES PRODUCED BY SUCH METHOD
 (51) Int. Cl.
C04B 18/02 (2006.01)
C04B 28/02 (2006.01)
C04B 40/00 (2006.01)
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 (72) JIMENEZ, Ana; LEVITINA, Svetlana; GOLDHAMMER, Kyle
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 (54) BLOCKING ELEMENT, ACCESS CONTROL DEVICE AND SYSTEM
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G07C 9/20 (2020.01)
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 (74) FB Rice Pty Ltd
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 (11) AU-A-2023255598
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 (54) METHOD AND SYSTEM FOR DETERMINING A PARAMETER-IDENTIFIER CONDITION OF A PARAMETER-IDENTIFIER TOPIC TO SERVICE A VEHICLE
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G05B 23/00 (2006.01)
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 (74) Spruson & Ferguson

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<p>(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A. (11) AU-A-2023263715 (21) 2023263715 (22) 02.05.2023 (54) COMPOSITIONS AND METHODS USING AT LEAST ONE OF OLEUROPEIN OR A METABOLITE THEREOF TO TREAT OR PREVENT MUSCLE FATIGUE FROM EXERCISE AND/OR FOR RESISTANCE TO MUSCLE FATIGUE FROM EXERCISE (51) Int. Cl. A61K 31/7048 (2006.01) A23K 20/00 (2016.01) A23L 33/00 (2016.01) A61K 33/06 (2006.01) A61K 45/06 (2006.01) A61P 19/00 (2006.01) (87) WO2023/213780 (31) 17736,496 (32) 04.05.22 (33) US (43) 09.11.2023 (72) DE MARCHI, Umberto; HORCAJADA, Marie Noëlle; FEIGE, Jerome; MAMMUCARI, Cristina; BLAAUW, Bert (74) Spruson & Ferguson</p>	<p>(87) WO2023/150872 (31) 63/308,363 (32) 09.02.22 (33) US (43) 17.08.2023 (72) RADEV, Apostol Ivanov; DESAULNIERS, Samuel; GARTH, Robert (74) Spruson & Ferguson</p>	<p>(43) 14.09.2023 (72) LANGE, Shawn (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A. (11) AU-A-2023263733 (21) 2023263733 (22) 03.05.2023 (54) CAPSULE FOR PRODUCING A BEVERAGE (51) Int. Cl. B65D 85/804 (2006.01) (87) WO2023/213870 (31) 22171846.3 (32) 05.05.22 (33) EP (43) 09.11.2023 (72) BOURG, Violette; DOGAN, Nihan; MURPHY, Audrey Virginie (74) Spruson & Ferguson</p>	<p>(71) SOM INNOVATION BIOTECH, S.A.; REGENTS OF THE UNIVERSITY OF MINNESOTA (11) AU-A-2023222467 (21) 2023222467 (22) 20.02.2023 (54) COMPOUNDS FOR USE IN THE TREATMENT OF DYSTROPHINOPATHIES (51) Int. Cl. A61K 31/18 (2006.01) A61K 31/35 (2006.01) A61K 31/37 (2006.01) A61K 31/4184 (2006.01) A61K 31/4402 (2006.01) A61K 31/4439 (2006.01) A61K 31/47 (2006.01) A61K 31/4704 (2006.01) A61K 31/4709 (2006.01) A61K 31/4725 (2006.01) A61K 31/5377 (2006.01) A61K 31/54 (2006.01) A61K 31/549 (2006.01) A61K 31/621 (2006.01) A61P 21/00 (2006.01) (87) WO2023/156645 (31) 22382147.1 (32) 21.02.22 (33) EP (43) 24.08.2023 (72) PERICOT MOHR, Gal.ia; INSA BORONAT, Raúl; HUERTAS GAMBÍN, Óscar; REIG BOLAÑO, Núria; ASAKURA, Atsushi; ASAKURA, Yoko; MONTOLIO DEL OLMO, Marisol (74) Collison & Co</p>	<p>(71) STRYKER CORPORATION (11) AU-A-2023224938 (21) 2023224938 (22) 12.01.2023 (54) BATTERY CONFIGURATION FOR ELECTRONIC DEVICE (51) Int. Cl. H01M 50/102 (2021.01) H01M 50/262 (2021.01) (87) WO2023/164329 (31) 63/268,699 (32) 28.02.22 (33) US 63/269,221 11.03.22 US (43) 31.08.2023 (72) GUDA, Prakash; JIANG, Peng; ZHANG, Yilun (74) Davies Collison Cave Pty Ltd</p>
<p>(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A. (11) AU-A-2023264259 (21) 2023264259 (22) 03.05.2023 (54) CAPSULE FOR PRODUCING A BEVERAGE (51) Int. Cl. B65D 85/804 (2006.01) (87) WO2023/213871 (31) 22171842.2 (32) 05.05.22 (33) EP (43) 09.11.2023 (72) BOURG, Violette; GIRARDIN, Pascal (74) Spruson & Ferguson</p>	<p>(71) SONY GROUP CORPORATION (11) AU-A-2023239087 (21) 2023239087 (22) 07.03.2023 (54) INFORMATION PROCESSING DEVICE AND METHOD (51) Int. Cl. H04N 19/85 (2014.01) H04N 19/46 (2014.01) (87) WO2023/181899 (31) 2022-049960 (32) 25.03.22 (33) JP (43) 28.09.2023 (72) HAYASHI Kao; KUMA Satoru; KATO Tsuyoshi (74) Spruson & Ferguson</p>	<p>(71) STRYKER CORPORATION (11) AU-A-2023225863 (21) 2023225863 (22) 12.01.2023 (54) CLIP ASSEMBLY FOR ELECTRONIC DEVICE (51) Int. Cl. A44B 99/00 (2010.01) A45F 5/02 (2006.01) F16M 13/04 (2006.01) G06F 1/16 (2006.01) H04B 1/3827 (2015.01) H04M 1/05 (2006.01) H04R 1/02 (2006.01) A44B 17/00 (2006.01) (87) WO2023/164328 (31) 63/268,699 (32) 28.02.22 (33) US 63/269,221 11.03.22 US (43) 31.08.2023 (72) GUDA, Prakash; JIANG, Peng; ZHANG, Yilun (74) Davies Collison Cave Pty Ltd</p>
<p>(71) SOLARSTEAM INC. (11) AU-A-2023219620 (21) 2023219620 (22) 07.02.2023 (54) ENCLOSED SOLAR THERMAL ENERGY GENERATION SYSTEM AND METHODS OF OPERATION (51) Int. Cl. F24S 30/425 (2018.01) F24S 10/70 (2018.01) F24S 20/60 (2018.01) F24S 23/74 (2018.01)</p>	<p>(71) STONEAGE, INC. (11) AU-A-2023232801 (21) 2023232801 (22) 07.03.2023 (54) HIGH PRESSURE FLUID ORBITAL SPRAY NOZZLE (51) Int. Cl. B05B 3/02 (2006.01) B05B 3/04 (2006.01) B05B 3/06 (2006.01) B08B 9/049 (2006.01) (87) WO2023/172576 (31) 63/317,435 (32) 07.03.22 (33) US 18/118,586 07.03.23 US</p>	<p>(71) STRYKER CORPORATION (11) AU-A-2023236146 (21) 2023236146 (22) 17.03.2023 (54) SYSTEMS AND METHODS FOR QUANTIFYING BLOOD LOSS WITH A SURGICAL SPONGE MANAGEMENT SYSTEM (51) Int. Cl. A61F 13/36 (2006.01) A61B 5/02 (2006.01) (87) WO2023/177872 (31) 63/321,400 (32) 18.03.22 (33) US (43) 21.09.2023 (72) VANDERWOUDE, Brian, James; KUMAR, Mayank; LIN, Keng-Tsai; MILLER, Kevin, J.; SHARMA, Nikhil; PATIL, Shubham; SATISH, Siddarth (74) Davies Collison Cave Pty Ltd</p>
		<p>(71) STRYKER CORPORATION (11) AU-A-2023240258 (21) 2023240258 (22) 24.03.2023 (54) SYSTEM AND METHODS FOR PROVIDING TAMPONADE AND SUC-</p>

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 Brian; MCCLELLAN, Kathleen; WEST,
 Lauren R.; WADE, Lucas; STANGER,
 Andrew; FRANK, Laura; LAFLECHE,
 Patrick; O'REILLY, Joseph Michael;
 NORLAND, Leif; VANSICKLE, Spencer
 Gage; AZCUI, Denise Carmen
(74) Davies Collison Cave Pty Ltd
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- (71)** SUMITOMO CHEMICAL COMPANY,
 LIMITED
(11) AU-A-2023235674
(21) 2023235674 **(22)** 13.03.2023
(54) AGROCHEMICAL COMPOSITION
(51) Int. Cl.
A01N 43/56 (2006.01)
A01N 25/00 (2006.01)
A01N 25/30 (2006.01)
A01P 3/00 (2006.01)
A01P 7/04 (2006.01)
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(72) MIZOGUCHI, Nanako; KURODA, Nami
(74) Spruson & Ferguson
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 LIMITED
(11) AU-A-2023235952
(21) 2023235952 **(22)** 14.03.2023
(54) WATER-BASED SUSPENSION-TYPE
 AGRICHEMICAL COMPOSITION
(51) Int. Cl.
A01N 43/56 (2006.01)
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A01N 61/00 (2006.01)
A01P 7/00 (2006.01)
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 zomi; TERADA, Takatoshi
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(54) VIBRATION TYPE GYRO ELEMENT
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G01C 19/5684 (2012.01)
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(72) OKIMOTO, Naoki
(74) FPA Patent Attorneys Pty Ltd
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- (71)** SUZHOU SMOROBOT TECHNOLOGY
 CO., LTD.
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(21) 2022439389 **(22)** 09.02.2022
(54) POOL CLEANING ROBOT WITH
 EXTERNALLY ENGAGED ROLLER
 BRUSH
(51) Int. Cl.
E04H 4/16 (2006.01)
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(72) TANG, Jie; TANG, Yaming
(74) Madderns Pty Ltd
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- (71)** TACTOGEN INC
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(54) INDOLIZINE COMPOUNDS FOR
 THE TREATMENT OF MENTAL DIS-
 ORDERS OR INFLAMMATION
(51) Int. Cl.
A61K 31/13 (2006.01)
A61K 31/135 (2006.01)
A61K 31/137 (2006.01)
A61K 31/395 (2006.01)
A61K 31/4162 (2006.01)
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(72) BAGGOTT, Matthew, J.
(74) Davies Collison Cave Pty Ltd
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- (71)** TAN, J.J.
(11) AU-A-2023244559
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(54) CANNABIS OIL COMPOSITIONS
 AND METHODS FOR PREPARATION
 THEREOF
(51) Int. Cl.
B01D 11/02 (2006.01)
A61K 31/353 (2006.01)
A61K 36/185 (2006.01)
B01B 1/00 (2006.01)
C07D 311/80 (2006.01)
C11B 1/04 (2006.01)
C11B 1/10 (2006.01)
C11B 3/00 (2006.01)
C11B 3/08 (2006.01)
C11B 3/12 (2006.01)
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(72) HARVEY, William, Clay
(74) Patenteur Pty Ltd
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(51) Int. Cl.
C07C 57/20 (2006.01)
A61K 8/41 (2006.01)
C07C 59/01 (2006.01)
C07C 211/20 (2006.01)
C07C 217/08 (2006.01)
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(43) 12.10.2023
(72) ARHAMAH, Nawaf
(74) Davies Collison Cave Pty Ltd
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- (71)** TBOX INC.
(11) AU-A-2023233504
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(54) AUTOMATIC SINGLE-SERVING
 BEVERAGE BREWING SYSTEM
(51) Int. Cl.
A23F 5/08 (2006.01)
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A47J 31/40 (2006.01)
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(72) XU, Qiliang; ZHOU, Rui
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023240955
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(54) TISSUE MANIPULATING SYSTEMS
 AND METHODS OF USE
(51) Int. Cl.
A61B 17/34 (2006.01)
A61B 17/32 (2006.01)
A61F 2/04 (2013.01)
A61B 17/22 (2006.01)
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(72) DUBOIS, Brian R.; JOHNSTON, An-
 drew L.; WELCH, Jacqueline Nerney;
 LAMSON, Theodore C.; CATANESE III,
 Joseph
(74) Spruson & Ferguson
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- (71)** TERA CLOUD APS
(11) AU-A-2023259560
(21) 2023259560 **(22)** 24.04.2023
(54) SYSTEM AND METHOD FOR COR-
 RELATING SEQUENTIAL INPUT FILE
 SIZES TO SCALABLE RESOURCE
 CONSUMPTION
(51) Int. Cl.
G06F 9/48 (2006.01)
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(43) 02.11.2023
(72) SNYDER, Daniel; HOGAN, John
(74) Oxygene IP
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- (71)** THE JIKEI UNIVERSITY; KOWA COM-
 PANY, LTD.
(11) AU-A-2023244808
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(54) THERAPEUTIC AGENT FOR RESPIR-
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(51) Int. Cl.
A61K 31/423 (2006.01)

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ITO, Saburo; MATSUBAYASHI, Sachi
(74) PHILLIPS ORMONDE FITZPATRICK
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OF COLORADO, A BODY CORPOR-
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(21) 2023236826 (22) 20.03.2023
(54) GENETICALLY ENGINEERED T-CELL
CO-RECEPTORS AND METHODS OF
USE THEREOF
(51) Int. Cl.
C07K 14/725 (2006.01)
A61K 39/00 (2006.01)
C12N 5/0783 (2010.01)
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(72) DAVILA, Eduardo
(74) FPA Patent Attorneys Pty Ltd
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TUTE
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(54) METHODS FOR ANALYZING DRUG
MOLECULES IN MAMMALIAN TIS-
SUES
(51) Int. Cl.
C12Q 1/68 (2018.01)
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(72) YE, Li; CRAVATT, Benjamin, F.; PANG,
Zhengyuan
(74) RnB IP Pty Ltd
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UNIVERSITY OF EDINBURGH
(11) AU-A-2023262646
(21) 2023262646 (22) 26.04.2023
(54) RECOMBINANT THERAPEUTIC FMR1
CONSTRUCTS AND METHODS OF
TREATING FRAGILE X SYNDROME
AND RELATED DISORDERS
(51) Int. Cl.
C12N 15/85 (2006.01)
A61K 48/00 (2006.01)
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(72) COBB, Stuart, Robert; HECTOR, Ral-
ph, David; ROSS, Paul
(74) WRAYS PTY LTD
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COLUMBIA; CORPORATION DE
L'ÉCOLE POLYTECHNIQUE DE
MONTRÉAL
(11) AU-A-2023219624
(21) 2023219624 (22) 14.02.2023
(54) HYBRID LIPID NANOPARTICLE COM-
PRISING AN INORGANIC PARTICLE
AND AN AGENT OF INTEREST
(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 41/00 (2020.01)
A61K 47/54 (2017.01)
A61K 49/00 (2006.01)
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63/340,678 11.05.22 US
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(72) CULLIS, Pieter; KULKARNI, Jayesh;
JIGALTSEV, Igor; TAM, Yuen Yi; UZEL,
Antoine; KAFSHGARI, Morteza Has-
anzadeh; MEUNIER, Michel
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) THE UNIVERSITY OF QUEENSLAND
(11) AU-A-2023242948
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(54) IMPROVED CHIMERIC POLY-
PEPTIDES AND USES THEREOF
(51) Int. Cl.
C07K 14/005 (2006.01)
A61K 39/00 (2006.01)
A61K 39/02 (2006.01)
A61K 39/118 (2006.01)
A61K 39/12 (2006.01)
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C07K 14/155 (2006.01)
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Daniel; TARDIOTA, Nicolas; SCHEM-
BRI, Mark Andrew
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023232125
(21) 2023232125 (22) 08.03.2023
(54) IN VIVO TRANSITION METAL DETEC-
TION
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/055 (2006.01)
A61B 6/03 (2006.01)
A61B 90/00 (2016.01)
A61K 49/00 (2006.01)
C07D 401/12 (2006.01)
G01N 33/18 (2006.01)
G01N 33/48 (2006.01)
G01N 33/58 (2006.01)
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(43) 14.09.2023
(72) NEW, Elizabeth; DOUBLE, Kay;
GRAZIOTTO, Marcus; ADAIR, Liam
(74) Spruson & Ferguson
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- (71) TOKUYAMA CORPORATION
(11) AU-A-2023246806
(21) 2023246806 (22) 01.02.2023
(54) SOLAR CELL MODULE RECYCLING
SYSTEM AND SOLAR CELL MODULE
RECYCLING METHOD
(51) Int. Cl.
B09B 3/40 (2022.01)
H01L 31/042 (2014.01)
B09B 101/15 (2022.01)
(87) WO2023/188791
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(74) Davies Collison Cave Pty Ltd
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- (71) TORAY INDUSTRIES, INC.
(11) AU-A-2023233366
(21) 2023233366 (22) 16.03.2023
(54) EPOXY RESIN COMPOSITION, AND
FIBER-REINFORCED COMPOS-
ITE MATERIAL AND PRODUCTION
METHOD THEREFOR
(51) Int. Cl.
C08G 59/50 (2006.01)
C08G 59/32 (2006.01)
C08J 5/04 (2006.01)
C08J 5/24 (2006.01)
C08L 21/00 (2006.01)
C08L 63/00 (2006.01)
(87) WO2023/176934
(31) 2022-042538 (32) 17.03.22 (33) JP
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2022-117798 25.07.22 JP
(43) 21.09.2023
(72) MATSUKAWA Ko; KONISHI Daisuke;
HIRANO Noriyuki; TSUCHIDA Hiroya
(74) Davies Collison Cave Pty Ltd
-
- (71) TORAY INDUSTRIES, INC.
(11) AU-A-2023235727
(21) 2023235727 (22) 16.03.2023
(54) EPOXY RESIN COMPOSITION
FOR RESIN TRANSFER MOLDING,
CURED RESIN PRODUCT, FIBER-RE-
INFORCED COMPOSITE MATERIAL,
AND METHOD FOR MANUFACTUR-
ING SAME
(51) Int. Cl.
C08G 59/38 (2006.01)
C08G 59/50 (2006.01)
C08J 5/04 (2006.01)
C08J 5/24 (2006.01)
C08L 21/00 (2006.01)
C08L 63/00 (2006.01)
(87) WO2023/176935
(31) 2022-042541 (32) 17.03.22 (33) JP
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2023232781 (22) 06.03.2023
 (54) MODIFIED BATCH AAV PRODUCTION SYSTEMS AND METHODS
 (51) Int. Cl.
 C12N 7/00 (2006.01)
 C12N 5/00 (2006.01)
 C12N 15/86 (2006.01)
 (87) WO2023/172491
 (31) 63/317,298 (32) 07.03.22 (33) US
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 63/481,539 25.01.23 US
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 (74) FB Rice Pty Ltd
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 (21) 2023231550 (22) 07.03.2023
 (54) shRNA TARGETING SNORD115 LOCATIONS TO RESTORE PATERNAL UBE3A GENE EXPRESSION IN ANGELMAN SYNDROME
 (51) Int. Cl.
 C12N 15/13 (2006.01)
 A61K 31/7105 (2006.01)
 A61P 25/00 (2006.01)
 C12N 15/864 (2006.01)
 C12N 15/867 (2006.01)
 (87) WO2023/172535
 (31) 63/317,155 (32) 07.03.22 (33) US
 (43) 14.09.2023
 (72) CHAMBERLAIN, Stormy; GERMAIN, Noelle; PERRINO, Peter
 (74) Spruson & Ferguson
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 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 31/713 (2006.01)
 C07H 21/02 (2006.01)
 C12N 15/11 (2006.01)
 (87) WO2023/172534
 (31) 63/317,154 (32) 07.03.22 (33) US
 (43) 14.09.2023
 (72) CHAMBERLAIN, Stormy; GERMAIN, Noelle; PERRINO, Peter
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 (54) HMPV ANTIBODIES AND THEIR USE
 (51) Int. Cl.
 C07K 16/10 (2006.01)
 A61K 39/00 (2006.01)
 A61K 39/42 (2006.01)
 A61P 31/14 (2006.01)
 G01N 33/569 (2006.01)
 (87) WO2023/172881
 (31) 63/317,384 (32) 07.03.22 (33) US
 (43) 14.09.2023
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 (11) AU-A-2023225184
 (21) 2023225184 (22) 23.02.2023
 (54) READY TO USE PLANT TREATMENT AGENT APPLICATOR, CONTAINER AND PRODUCT
 (51) Int. Cl.
 A01M 7/00 (2006.01)
 A01G 25/14 (2006.01)
 A01M 21/04 (2006.01)
 (87) WO2023/161635
 (31) 2022-027059 (32) 24.02.22 (33) JP
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 (72) FUJIYAMA, Masayasu; KURIHARA, Jun
 (74) Churchill Attorneys
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- (71) UTOPIUS INSIGHTS, INC.
 (11) AU-A-2023235317
 (21) 2023235317 (22) 17.03.2023
 (54) SYSTEMS AND METHODS FOR FORECASTING POWER GENERATED BY VARIABLE POWER GENERATION ASSETS
 (51) Int. Cl.
 G01W 1/10 (2006.01)
 G05B 13/02 (2006.01)
 G05B 17/02 (2006.01)
 G06N 3/02 (2006.01)
 G06N 20/00 (2019.01)
 G05B 13/04 (2006.01)
 G05F 1/66 (2006.01)
 G06F 17/18 (2006.01)
 G06Q 50/06 (2012.01)
 H02J 3/00 (2006.01)
 H02J 3/38 (2006.01)
 (87) WO2023/178305
 (31) 63/269,541 (32) 17.03.22 (33) US
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 (11) AU-A-2023250037
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 A01G 9/24 (2006.01)
 F24F 5/00 (2006.01)
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 2033792 22.12.22 NL
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 (72) KICKERT, Vincent Martijn; MIDDEL-DORP, Marcus Gerardus; TIJSSMA, Tjeerd Wim
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) VERACYTE; INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (I.N.S.E.R.M); UNIVERSITE PARIS CITE; SORBONNE UNIVERSITE (SU); ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS
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 (21) 2022447608 (22) 17.03.2022
 (54) METHODS FOR PREDICTING RESPONSE TO AN IMMUNOTHERAPEUTIC TREATMENT IN A PATIENT WITH A CANCER
 (51) Int. Cl.
 G01N 33/574 (2006.01)
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 (72) KASSAMBARA, Alboukadel; CATTEAU, Aurélie; FIESCHI, Jacques; SBARRATO, Thomas; GALON, Jérôme; PAGES, Franck
 (74) FPA Patent Attorneys Pty Ltd
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- (71) VIASAT, INC.
 (11) AU-A-2022444154
 (21) 2022444154 (22) 04.03.2022
 (54) ALLOCATING TRANSMISSION POWER TO CLIENT DEVICES IN A COMMUNICATIONS NETWORK
 (51) Int. Cl.
 H04W 52/36 (2009.01)
 H04B 7/185 (2006.01)
 H04W 52/26 (2009.01)
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 (54) CABLE MOTION MONITORING
 (51) Int. Cl.
 G01B 7/16 (2006.01)
 (87) WO2023/187313
 (31) 2204561.1 (32) 30.03.22 (33) GB
 (43) 05.10.2023
 (72) XU, Guangqiao; CARLIDGE, Nathan
 (74) Griffith Hack

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(11) AU-A-2022444268
(21) 2022444268 (22) 03.03.2022
(54) A DEVICE AND METHOD FOR ASSISTING IN NAVIGATING AN AUTONOMOUS VEHICLE ALONG A ROUTE
(51) Int. Cl.
B60W 60/00 (2020.01)
G01C 21/16 (2006.01)
G01C 21/28 (2006.01)
G01S 5/02 (2010.01)
G01S 19/48 (2010.01)
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(54) ACCESS GRAFT SYSTEMS AND METHODS
(51) Int. Cl.
A61M 1/36 (2006.01)
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(72) CULLY, Edward H.; FORDENBACHER, Paul F.; RADSPINNER, Rachel
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(21) 2023232138 (22) 08.03.2023
(54) COMPOSITIONS, SYSTEMS AND METHODS FOR EUKARYOTIC GENE EDITING
(51) Int. Cl.
A61K 38/43 (2006.01)
A61K 35/76 (2015.01)
C12N 5/10 (2006.01)
C12N 9/50 (2006.01)
A61K 38/46 (2006.01)
A61K 38/48 (2006.01)
A61K 48/00 (2006.01)
(87) WO2023/172966
(31) 63/317,720 (32) 08.03.22 (33) US
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(72) LU, Baisong; ATALA, Anthony
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) WASHINGTON UNIVERSITY; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
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(21) 2023234600 (22) 17.03.2023
(54) METHODS AND SYSTEMS FOR MEASURING MULTIPLE CELL STATES
(51) Int. Cl.
C12Q 1/6886 (2018.01)
G16B 20/20 (2019.01)
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(43) 21.09.2023
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(11) AU-A-2023253843
(21) 2023253843 (22) 03.04.2023
(54) STUD INSTALLATION
(51) Int. Cl.
B23P 5/00 (2006.01)
B02C 4/30 (2006.01)
B23P 19/04 (2006.01)
(87) WO2023/199164
(31) 2205609.7 (32) 14.04.22 (33) GB
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(11) AU-A-2023224815
(21) 2023224815 (22) 23.02.2023
(54) COMPOUND AS FAK INHIBITOR AND USE THEREOF
(51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/397 (2006.01)
A61K 31/4035 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 35/04 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 407/14 (2006.01)
C07D 487/00 (2006.01)
(87) WO2023/160614
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(74) WRAYS PTY LTD
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- (71) WI-TRONIX, LLC
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(21) 2023228623 (22) 03.03.2023
(54) OPERATIONAL THREAT DETECTION SYSTEM AND METHOD
(51) Int. Cl.
G06F 21/56 (2013.01)
G06F 21/50 (2013.01)
G06F 21/00 (2013.01)
(87) WO2023/168091
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- (71) XCMR INC.
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(51) Int. Cl.
A62B 23/02 (2006.01)
A61L 9/20 (2006.01)
A62B 18/10 (2006.01)
(87) WO2023/154965
(31) 63/310,019 (32) 14.02.22 (33) US
(43) 17.08.2023
(72) RASANSKY, Richard A.
(74) LAMINAR IP PTY LTD
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- (71) XIHUA UNIVERSITY
(11) AU-A-2023251461
(21) 2023251461 (22) 12.10.2023
(54) METHOD FOR TRACING AGRICULTURAL PRODUCT BASED ON META-UNIVERSE
(51) Int. Cl.
G06F 11/14 (2006.01)
G06F 16/23 (2019.01)
G06F 16/27 (2019.01)
G06F 21/60 (2013.01)
G06F 21/62 (2013.01)
G06F 21/64 (2013.01)
G06Q 30/018 (2023.01)
G06Q 50/02 (2012.01)
H04L 9/32 (2006.01)
H04L 9/40 (2022.01)
H04L 67/1097 (2022.01)
H04L 67/12 (2022.01)
(31) 202310230118.2 (32) 10.03.23 (33) CN
(43) 26.09.2024
(72) LIU, Zhicai; FENG, Xu; XIONG, Ling; FU, Qin; FU, Xiaoluo; WU, Jiale; NIU, Xianhua
(74) Madderns Pty Ltd
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- (71) YALE UNIVERSITY
(11) AU-A-2023229284
(21) 2023229284 (22) 03.03.2023
(54) METHODS AND COMPOSITIONS FOR TREATING AND PREVENTING FIBROSIS
(51) Int. Cl.
C07K 16/22 (2006.01)
A61K 39/395 (2006.01)
A61P 29/00 (2006.01)
C07K 16/46 (2006.01)
C12N 5/16 (2006.01)
C12N 15/85 (2006.01)
C12P 21/00 (2006.01)
(87) WO2023/168087
(31) 63/316,691 (32) 04.03.22 (33) US
63/316,704 04.03.22 US
(43) 07.09.2023
(72) ODELL, Ian; FLAVELL, Richard
(74) FPA Patent Attorneys Pty Ltd
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- (71) YETI COOLERS, LLC
(11) AU-A-2023242913
(21) 2023242913 (22) 28.03.2023
(54) BAG WITH LUGGAGE PASS-THROUGH
(51) Int. Cl.
A45C 13/00 (2006.01)
A45C 13/30 (2006.01)
A45C 13/28 (2006.01)
(87) WO2023/192318
(31) 63/325,098 (32) 29.03.22 (33) US

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(74) GLMR

(71) ZIMMER, INC.

(11) AU-A-2023236413

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(54) SHOULDER STEM WITH MODULAR
SENSOR

(51) Int. Cl.

A61B 5/00 (2006.01)

A61F 2/30 (2006.01)

A61F 2/40 (2006.01)

A61F 2/46 (2006.01)

A61F 2/36 (2006.01)

(87) WO2023/177513

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(43) 21.09.2023

(72) MILLER, Kevin; BOHNENKAMPER,
Kyle, A.; GOSON, Kristoff; PARISI,
Raymond, C.

(74) PHILLIPS ORMONDE FITZPATRICK

(71) ZOLL MEDICAL CORPORATION

(11) AU-A-2023235301

(21) 2023235301 (22) 16.03.2023

(54) RESPIRATORY DISTRESS MANAGE-
MENT SYSTEM AND MECHANICAL
FEATURES

(51) Int. Cl.

A61M 16/00 (2006.01)

(87) WO2023/178225

(31) 63/269,412 (32) 16.03.22 (33) US

(43) 21.09.2023

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LECROY, Dorian; CHANEY, Tyler R.;
HUDAK, Jesse A.; PETTYS, Richard
L.; SOLAREWICZ, Konrad S.; AJAZ,
Rizwan; SMOOT, David J.; WONG,
Aaron S.; COCHRAN, Jack E.

(74) Spruson & Ferguson

(71) ZTE CORPORATION

(11) AU-A-2022477532

(21) 2022477532 (22) 09.09.2022

(54) METHOD, DEVICE AND COMPUTER
PROGRAM PRODUCT FOR WIRE-
LESS COMMUNICATION

(51) Int. Cl.

H04L 27/00 (2006.01)

H04W 74/08 (2009.01)

(87) WO2024/050823

(43) 14.03.2024

(72) LUO, Wei; CHEN, Lin

(74) Davies Collison Cave Pty Ltd

Numerical Index

2022439389	SUZHOU SMOROBOT TECHNOLOGY CO., LTD.	2023219792	XCMR INC.
2022439432	CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO., LTD.; BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO., LTD.	2023220199	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2022439959	GOMEZ, M.	2023220850	DINAQOR AG
2022441623	HEMIDEINA PTY LTD	2023220851	RQBIO COVID LIMITED
2022444154	VIASAT, INC.	2023221019	APTERA MOTORS CORP.
2022444268	VOLVO AUTONOMOUS SOLUTIONS AB	2023221266	APPLE INC.
2022444866	CORNERSTONE WALL SOLUTIONS INC.	2023221321	ADVERUM BIOTECHNOLOGIES, INC.
2022445159	BUZZARD PHARMACEUTICALS AB	2023221386	GATE SCIENTIFIC, INC.
2022445160	MONTANUNIVERSITÄT LEOBEN	2023221412	GINKGO BIOWORKS, INC.
2022445163	ORTHODONTIC RESEARCH AND DEVELOPMENT, S.L.	2023221961	DANA-FARBER CANCER INSTITUTE, INC.; THE JOHNS HOPKINS UNIVERSITY
2022445507	SCHLUMBERGER TECHNOLOGY B.V.	2023222467	SOM INNOVATION BIOTECH, S.A.; REGENTS OF THE UNIVERSITY OF MINNESOTA
2022445512	CHEVRON U.S.A. INC.	2023223239	ABBOTT DIABETES CARE INC.
2022445784	DETNET SOUTH AFRICA (PTY) LTD	2023223450	DEXCOM, INC.
2022445841	DEERE & COMPANY	2023223523	JANSSEN BIOTECH, INC.; NANJING LEGEND BIOTECH CO., LTD.; LEGEND BIOTECH USA INC.
2022445934	PHARMALUNDENSIS AB	2023224103	KMNCE LLC
2022446529	HITACHI, LTD.	2023224218	AEON BLUE INC.
2022446653	C.I.TAKIRON CORPORATION	2023224417	IP2IPO INNOVATIONS LIMITED
2022447287	SIDIZ INC.	2023224815	WIGEN BIOMEDICINE TECHNOLOGY (SHANGHAI) CO., LTD.
2022447608	VERACYTE; INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (I.N.S.E.R.M); UNIVERSITE PARIS CITE; SORBONNE UNIVERSITE (SU); ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS	2023224938	STRYKER CORPORATION
2022449056	IHI CORPORATION	2023225184	UPL CORPORATION LIMITED; UPL EUROPE LTD.
2022449081	DUOGENIC STEMCELLS CORPORATION	2023225621	CARLSMED, INC.
2022450356	RODDYMEDICAL, LLC	2023225801	DELTA T, LLC
2022451605	FERRING B.V.	2023225842	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
2022452162	NABRAWIND TECHNOLOGIES, S.L.	2023225857	AKESO PHARMACEUTICALS , INC.; SHENZHEN CHIPSCREEN BIOSCIENCES CO., LTD.
2022456292	BIOCORP PRODUCTION S.A.S.	2023225863	STRYKER CORPORATION
2022458292	MITSUBISHI ELECTRIC CORPORATION	2023225875	ASCLETIS BIOSCIENCE CO., LTD.
2022477532	ZTE CORPORATION	2023226142	RAVEN INDUSTRIES, INC.
2022492769	DEERE & COMPANY	2023226398	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2023203302	BOWEN CUSTOMS	2023226435	NANJING PROBIO BIOTECH CO., LTD.
2023214511	MADDERSON, D.C.M.; BEIJING HONEST TECHNOLOGY CO., LTD.	2023226839	INFORS AG
2023215224	MATHEUS, J.	2023226951	DYNO NOBEL ASIA PACIFIC PTY LIMITED
2023215337	HBC IMMUNOLOGY INC.	2023227000	HUAWEI TECHNOLOGIES CO., LTD.
2023215753	JANSSEN BIOTECH, INC.	2023227216	MIMOSA DIAGNOSTICS INC.
2023216372	CORNELL UNIVERSITY; TRI-INSTITUTIONAL THERAPEUTICS DISCOVERY INSTITUTE	2023227350	GENTING TAURX DIAGNOSTIC CENTRE SDN BHD
2023216988	DISPENSION INDUSTRIES INCORPORATED	2023227459	CAESARSTONE LTD.
2023217003	CLARA FOODS CO.	2023227468	CHEVRON U.S.A. INC.
2023217092	SABIR, S.; SIDOTI, C.; KAGAN, O.; AMIJI, M.M.; AARON, J.; BRUCATO, D.; LI, J.	2023227491	INSCRIPTA, INC.
2023217234	DEPUY IRELAND UNLIMITED COMPANY	2023227495	ALTERED LABS LLC
2023217346	M.E.P. MACCHINE ELETTRONICHE PIEGATRICI S.P.A.	2023227536	COLORADO STATE UNIVERSITY RESEARCH FOUNDATION; AUM LIFETECH, INC.
2023217563	QUANTEC LIMITED	2023227596	DB THERAPEUTICS, INC
2023217968	JANSSEN BIOTECH, INC.	2023227766	KEPPEL LETOURNEAU USA, INC.
2023217993	REVANKAR KRISHNA PRASAD, P.	2023227850	GILEAD SCIENCES, INC.
2023218232	NATIONAL UNIVERSITY OF SINGAPORE	2023227862	GILEAD SCIENCES, INC.
2023218242	MEYER, K.E.; MEYER, J.D.; MEYER, D.G.	2023228047	SKIDATA GMBH
2023218299	MACQUARIE UNIVERSITY	2023228349	INFORS AG
2023219029	JENNINGS, A.; WHITLOCK, G.; ACCENT THERAPEUTICS, INC.	2023228576	MEI PHARMA, INC.
2023219031	FIGURE TECHNOLOGIES, INC.	2023228602	LINEAGE CELL THERAPEUTICS, INC.
2023219037	HOWMEDICA OSTEONICS CORP.	2023228623	WI-TRONIX, LLC
2023219198	APTERA MOTORS CORP.	2023228630	MAVERICKS ENDO, INC.
2023219215	RABHI, V.	2023228636	FIBROBIOLOGICS, INC.
2023219257	B-TEMA INC.	2023228754	CURIGIN CO.,LTD.
2023219447	ETERN BIOPHARMA (SHANGHAI) CO., LTD.	2023228817	64-X, INC.
2023219620	SOLARSTEAM INC.	2023228847	PROFOUNDA HEALTH AND BEAUTY INC.
2023219624	THE UNIVERSITY OF BRITISH COLUMBIA; CORPORATION DE L'ÉCOLE POLYTECHNIQUE DE MONTRÉAL	2023228989	EPIGENIC THERAPEUTICS , INC.
		2023229012	OCADO INNOVATION LIMITED
		2023229069	DE LIMA, J.B.
		2023229284	YALE UNIVERSITY
		2023229810	ELEMENT ENGINEERING AUSTRALIA PTY LTD
		2023229812	HIT TEKK PTY LTD
		2023229978	PHYTOBIOTICS FUTTERZUSATZSTOFFE GMBH

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

2023230173	ACTIOL GMBH	2023233972	ENEOS CORPORATION
2023230211	EXOLAUNCH GMBH	2023234220	NIHON NOHYAKU CO., LTD.
2023230268	1847 SUBSEA ENGINEERING LIMITED	2023234433	ENANTA PHARMACEUTICALS, INC.
2023230883	ELIXIRON IMMUNOTHERAPEUTICS (HONG KONG) LIMITED	2023234461	SCHLUMBERGER TECHNOLOGY B.V.
2023230885	4D MOLECULAR THERAPEUTICS INC.	2023234534	REGENERON PHARMACEUTICALS, INC.
2023230886	NEODYNE BIOSCIENCES, INC.	2023234536	EMPIRICO INC.
2023230890	L & M RADIATOR, INC.	2023234559	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2023231050	MERUS N.V.	2023234600	WASHINGTON UNIVERSITY; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
2023231103	BEYOND AIR, INC.	2023234894	RESMED PTY LTD
2023231111	MIDREX TECHNOLOGIES, INC.; KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	2023234895	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2023231350	INVENTIO AG	2023235044	OWENS-BROCKWAY GLASS CONTAINER INC.
2023231442	MABLINK BIOSCIENCE	2023235061	NIX, K.W.I.; EDWARDS, R.P.
2023231444	SIKA TECHNOLOGY AG	2023235301	ZOLL MEDICAL CORPORATION
2023231478	NIXON, S.; FUNCK, M.C.	2023235317	UTOPUS INSIGHTS, INC.
2023231496	ENERGO	2023235416	KSB SE & CO. KGAA
2023231506	MASONS NZ LIMITED	2023235490	ASTRAZENECA UK LIMITED; DAIICHI SANKYO COMPANY, LIMITED
2023231510	FOUNDRY INNOVATION & RESEARCH 1, LTD.	2023235516	ENEOS CORPORATION
2023231527	DE' LONGHI APPLIANCES S.R.L. CON UNICO SOCIO	2023235674	SUMITOMO CHEMICAL COMPANY, LIMITED
2023231543	RITCHIE ENGINEERING COMPANY, INC.	2023235727	TORAY INDUSTRIES, INC.
2023231550	UNIVERSITY OF CONNECTICUT; OVID THERAPEUTICS INC.	2023235952	SUMITOMO CHEMICAL COMPANY, LIMITED
2023231558	AEENA DX, INC.	2023235988	GACW INCORPORATED
2023231581	ARENA PHARMACEUTICALS, INC.	2023236011	JOURNEY1, INC.
2023231588	PSIQUANTUM, CORP.	2023236012	EVOQUA WATER TECHNOLOGIES LLC
2023231622	AGENUS INC.	2023236038	MYRIOTA PTY LTD
2023231624	SCITON, INC.	2023236127	W. L. GORE & ASSOCIATES, INC.
2023231626	PROMETHEUS ENERGY GROUP, LLC	2023236141	CALIENT.AI INC.
2023231654	SIEGAL, J.G.	2023236146	STRYKER CORPORATION
2023231832	CASIO COMPUTER CO., LTD.	2023236225	BEIJING TUO JIE BIOPHARMACEUTICAL CO. LTD.
2023232014	UNIVERSITY OF CONNECTICUT; OVID THERAPEUTICS INC.	2023236365	DELBEAT, INC.
2023232023	AEENA DX, INC.	2023236413	ZIMMER, INC.
2023232045	DANA-FARBER CANCER INSTITUTE, INC.	2023236436	ALCOA USA CORP.
2023232048	SCHLUMBERGER TECHNOLOGY B.V.	2023236548	CEPHEID
2023232116	SCIENTIA VASCULAR, INC.	2023236826	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
2023232125	THE UNIVERSITY OF SYDNEY	2023237553	PERQHERN LIMITED
2023232127	BRUSI, A.; GUTWIRTH, H.	2023237825	MCGINLEY ENGINEERED SOLUTIONS, LLC
2023232138	WAKE FOREST UNIVERSITY HEALTH SCIENCES	2023237898	IOTA BIOSCIENCES, INC.
2023232165	CLIMB WORKS LLC	2023237904	NATURE'S TOOLBOX, INC.
2023232184	GUANGZHOU UNIRISE PHARMACEUTICAL CO., LTD.; GUANGZHOU APICHOPE PHARMACEUTICAL CO., LTD.; GUANGZHOU RUNLIN PHARMACEUTICAL TECHNOLOGY CO., LTD.	2023238074	SIKA TECHNOLOGY AG
2023232270	QINGDAO KINGAGROOT CHEMICAL COMPOUND CO., LTD.	2023238106	BIOMED VALLEY DISCOVERIES, INC.
2023232420	SUMITOMO PRECISION PRODUCTS CO., LTD.	2023238229	AIL INTERNATIONAL INC.
2023232463	KRAKEN TECHNOLOGIES LIMITED	2023238511	JUMBO DRUG BANK CO., LTD.
2023232472	PULPEX LIMITED	2023238790	KEBONY AS
2023232563	ADAMA MAKHTESHIM LTD.	2023239087	SONY GROUP CORPORATION
2023232639	ENUA AS	2023239150	TACTOGEN INC
2023232734	PEPSICO, INC.	2023240088	SEIGLER, S.H.
2023232781	ULTRAGENYX PHARMACEUTICAL INC.	2023240258	STRYKER CORPORATION
2023232789	NECA LLC	2023240452	MIZRACHI, M.; SHITRIT, G.
2023232801	STONEAGE, INC.	2023240955	TELEFLEX LIFE SCIENCES LLC
2023232815	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	2023241127	PIG SWEEP, LLC
2023232837	NORDIC MINESTEEL TECHNOLOGIES INC.	2023241138	DONALD DANFORTH PLANT SCIENCE CENTER; GRUISSEM, W.; LIM, Y.; SCHLAPFER, P.; KUON, J.
2023232838	NATIONAL RESEARCH COUNCIL OF CANADA	2023241629	SALUS DISCOVERY, LLC; FLAMBEAU DIAGNOSTICS, LLC
2023232840	NORDIC MINESTEEL TECHNOLOGIES INC.	2023241822	ISOSTERIX, INC.
2023232847	ANTENGENE BIOLOGICS LIMITED	2023241893	NAUTILUS SUBSIDIARY, INC.
2023232957	INVENTIO AG	2023241905	ALNYLAM PHARMACEUTICALS, INC.
2023233366	TORAY INDUSTRIES, INC.	2023242715	VIPER INNOVATIONS LIMITED
2023233504	TBDX INC.	2023242749	COHERUS BIOSCIENCES, INC.
2023233603	DELFI DIAGNOSTICS, INC.	2023242760	MERCK SHARP & DOHME LLC; ARQULE, INC.; OHIO STATE INNOVATION FOUNDATION
2023233629	SHANGHAI HANSOH BIOMEDICAL CO., LTD.; JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.	2023242777	NATERA, INC.
2023233729	THE SCRIPPS RESEARCH INSTITUTE	2023242913	YETI COOLERS, LLC
2023233730	GILEAD SCIENCES, INC.	2023242938	IMDEX TECHNOLOGIES PTY LIMITED
2023233838	ADRENOMED AG	2023242948	THE UNIVERSITY OF QUEENSLAND
		2023242975	PEST VISION SOLUTIONS CO., LTD.
		2023243013	HEARTLAND AG TECH, INC.
		2023243138	CAPRA BIOSCIENCES, INC.

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

2023243679	HUAWEI TECHNOLOGIES CO., LTD.	2023282214	DALIAN HUARUI HEAVY INDUSTRY GROUP CO., LTD
2023244345	DIAXAMED LLC	2023283625	ESOCAP AG
2023244356	INARI MEDICAL, INC.	2023284843	ESOCAP AG
2023244472	CEILIX AG	2023284844	ESOCAP AG
2023244559	TAN, J.J.	2023298163	JAPAN PRODUCTION & SALES COMPANY LLC
2023244808	THE JIKEI UNIVERSITY; KOWA COMPANY, LTD.	2023331412	FABLE HOLDINGS PTY LTD
2023245165	AMERICAN STERILIZER COMPANY	2023332440	JIANGSU XCMG CONSTRUCTION MACHINERY RE-SEARCH INSTITUTE LTD.
2023245470	EVOQUA WATER TECHNOLOGIES LLC	2023367926	LEE, S.
2023245728	PINETREE THERAPEUTICS, INC.	2023391877	BIOGATE PRECISION MEDICINE CORP.
2023246174	FUJITSU GENERAL LIMITED	2023398865	ILLUMINA, INC.
2023246248	MITSUBISHI MATERIALS CORPORATION	2023406191	LG ENERGY SOLUTION, LTD.
2023246806	TOKUYAMA CORPORATION	2023411131	MMS INTERNATIONAL (PTY) LTD
2023246831	SB INGENIERIE	2023421715	ILLUMINA, INC.
2023246848	PRIMETALS TECHNOLOGIES AUSTRIA GMBH		
2023247083	JEMELLA LIMITED		
2023247528	GUIZHOU SINORDA BIOMEDICINE CO., LTD; SHANGHAI SINORDA BIOMEDICINE CO., LTD.		
2023247817	SIEMENS ENERGY GLOBAL GMBH & CO. KG		
2023248329	EAGLE TECHNOLOGIES, LLC		
2023248423	INTERTRUST TECHNOLOGIES CORPORATION		
2023248681	BIONTECH SE		
2023248907	HEAVY PLAY LLC		
2023248935	COLGATE-PALMOLIVE COMPANY		
2023249179	CAPSTAN THERAPEUTICS, INC.		
2023249228	3 AIM IP PTY LTD		
2023249315	CHR. HANSEN A/S		
2023249641	NUVALENT, INC.		
2023250037	VAN DER HOEVEN HORTICULTURAL PROJECTS B.V.		
2023250537	COLGATE-PALMOLIVE COMPANY		
2023250548	COLGATE-PALMOLIVE COMPANY		
2023250819	MIRATI THERAPEUTICS, INC.		
2023250924	MODINE, LLC; MARGERISON, R.; MONNIG, T.; GRAHAM, R.; HAUGHT, B.; KING, E.; MERTEL, J.		
2023251150	SCHNEIDER ELECTRIC INDUSTRIES SAS		
2023251168	TARA BRANDS EUROPE S.L.U.		
2023251240	PHYCOBLOOM LIMITED		
2023251461	XIHUA UNIVERSITY		
2023251690	DORFNER ANZAPLAN GMBH		
2023251723	DDP SPECIALTY ELECTRONIC MATERIALS US, LLC		
2023252606	INCREDO LTD.		
2023253833	LITT GLOBAL PTY. LTD.		
2023253843	WEIR MINERALS NETHERLANDS B.V.		
2023254753	CRAYOLA LLC		
2023255334	HARRIS, C.		
2023255598	SNAP-ON INCORPORATED		
2023255654	ENEOS CORPORATION		
2023255931	MITSUBISHI GAS CHEMICAL COMPANY, INC.		
2023257216	NORTHROP GRUMMAN SYSTEMS CORPORATION		
2023257357	MODERN MEADOW, INC.		
2023257711	RWE OFFSHORE WIND GMBH		
2023259406	PETRA PHARMA CORPORATION		
2023259560	TERACLOUD APS		
2023259761	NOVARTIS AG		
2023260781	ALCON INC.		
2023261925	HUBER+SUHNER AG		
2023262534	CYTIVA BIOPROCESS R&D AB		
2023262646	THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH		
2023262687	LELIT S.R.L.		
2023263715	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2023263733	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2023264259	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2023265118	E INK CORPORATION		
2023267075	CRRC QIQIHAR ROLLING STOCK CO., LTD.		
2023267829	CRRC QIQIHAR ROLLING STOCK CO., LTD.		
2023267908	F. HOFFMANN-LA ROCHE AG		
2023273922	ELECTROLUX APPLIANCES AKTIEBOLAG		
2023278782	HAWTHORNE HOLDINGS PTY LTD		
2023279258	PFIZER INC.; THE BRIGHAM AND WOMEN'S HOS- PITAL, INC.; THE GENERAL HOSPITAL CORPORA- TION		

IPC Index

<u>A01G 24 /-</u>	<u>A01P 7 /-</u>	<u>A44B 99 /-</u>	2023236365	2023231581	2023262534
2023218232	2023235674	2023225863	2023236413	2023232014	2023391877
	2023235952		2023244356	2023232184	
		<u>A45C 13 /-</u>	2023249228	2023233629	<u>A61K 41 /-</u>
<u>A01G 25 /-</u>	<u>A23B 7 /-</u>	2023242913	2023267908	2023233730	2023219624
2023225184	2023227495			2023234220	
2023243013	2023331412	<u>A45D 1 /-</u>		2023238511	<u>A61K 45 /-</u>
		2023247083	<u>A61B 6 /-</u>	2023239150	2022445159
<u>A01G 9 /-</u>	<u>A23C 19 /-</u>		2023232125	2023241822	2023228847
2023250037	2023249315	<u>A45D 20 /-</u>	2023236365	2023242760	2023263715
		2023247083		2023244559	
<u>A01H 3 /-</u>	<u>A23F 5 /-</u>		<u>A61B 8 /-</u>	2023244808	<u>A61K 47 /-</u>
2023227536	2023233504	<u>A45F 5 /-</u>	2023236365	2023247528	
		2023225863		2023248681	
<u>A01M 1 /-</u>	<u>A23G 3 /-</u>		<u>A61B 90 /-</u>	2023250819	2023219624
2023218242	2023252606	<u>A47C 1 /-</u>	2023232125	2023263715	2023231442
2023242975		2022447287	2023260781	2023284843	2023234536
	<u>A23J 1 /-</u>		<u>A61C 7 /-</u>	2023284844	<u>A61K 48 /-</u>
<u>A01M 21 /-</u>	2023217003	<u>A47C 7 /-</u>	2022445163		2023221321
2023225184		2022447287		2023227596	2023221412
	<u>A23J 3 /-</u>		<u>A61F 13 /-</u>	2023231103	2023221961
<u>A01M 3 /-</u>	2023331412	<u>A47J 31 /-</u>	2023230886	2023263715	2023232138
2023218242			2023236146		2023262646
	<u>A23K 10 /-</u>		<u>A61F 15 /-</u>	<u>A61K 35 /-</u>	<u>A61K 49 /-</u>
<u>A01M 5 /-</u>	2023229978	<u>A47K 31 /-</u>	2023230886	2023215753	2023219624
2023218242		2023231527		2023217563	2023232125
	<u>A23K 20 /-</u>	2023233504	<u>A61F 2 /-</u>	2023217968	
<u>A01M 7 /-</u>	2023229978	2023262687	2023230886	2023228602	<u>A61K 51 /-</u>
2023225184		<u>A61B 1 /-</u>		2023232138	2023227596
	<u>A23K 50 /-</u>	2023245165	2023219037	2023242749	
<u>A01N 25 /-</u>	2023217563	2023260781	2023228630	2023262534	<u>A61K 36 /-</u>
2023235674	2023229978		2023236413		<u>A61K 8 /-</u>
2023263715		<u>A61B 17 /-</u>	2023237553	2023244559	2023217563
	<u>A23L 15 /-</u>	2023217234	2023240955		2023248935
<u>A01N 43 /-</u>	2023217003	2023219037	2023244345	<u>A61K 38 /-</u>	2023250537
2023235674		2023220850		2022445159	2023250548
2023235952	<u>A23L 27 /-</u>	2023232116	<u>A61F 5 /-</u>	2022451605	2023251168
	2023217003	2023237825	2023219037	2023215337	<u>A61K 9 /-</u>
<u>A01N 61 /-</u>		2023240258	<u>A61F 9 /-</u>	2023217563	2023217563
2023227536	<u>A23L 31 /-</u>	2023240955	2023260781	2023221961	2023219624
2023235952	2023252606	2023244356		2023232138	2023227596
		<u>A61B 18 /-</u>	<u>A61G 10 /-</u>	2023236225	2023228847
<u>A01N 63 /-</u>	<u>A23L 3 /-</u>	2023217092	2023217993		2023247528
2023227536	2023227495	2023231624		<u>A61K 39 /-</u>	2023248681
		2023260781	<u>A61K 31 /-</u>	2022445159	2023249179
<u>A01P 13 /-</u>	<u>A23L 31 /-</u>			2023215753	2023283625
2023235674	2023331412	<u>A61B 3 /-</u>	2022445159	2023216372	2023284843
		2023260781	2023215753	2023217968	2023284844
<u>A01P 21 /-</u>	<u>A23L 33 /-</u>		2023217092	2023223523	
2023235674	2023263715	<u>A61B 5 /-</u>	2023219029	2023224417	<u>A61L 26 /-</u>
		2023219037	2023219447	2023225857	2023227596
<u>A01P 3 /-</u>	<u>A44B 17 /-</u>	2023223239	2023221961	2023226435	
2023232563	2023225863	2023223450	2023221961	2023229284	<u>A61L 27 /-</u>
2023235674		2023227216	2023222467	2023231050	2023228636
		2023227350	2023224815	2023231622	2023244345
		2023231510	2023225842	2023232045	
		2023232023	2023225857	2023232815	<u>A61L 31 /-</u>
		2023232125	2023225875	2023232838	
		2023234894	2023227850	2023233838	
		2023236146	2023227862	2023236826	
			2023228576	2023242749	
			2023229978	2023242948	
			2023231550	2023245728	
				2023259761	

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

<u>A61L 9/-</u>	<u>A61P 25/-</u>	2023233838 2023259406 2023279258	<u>B01D 53/-</u>	<u>B05B 3/-</u>	<u>B25J 11/-</u>
2023219792	2023221961 2023225875 2023231550		2023226398	2023232801	2023232734
<u>A61M 1/-</u>	2023231581 2023232184 2023262646	<u>A61Q 11/-</u>	<u>B01D 61/-</u>	<u>B05D 5/-</u>	<u>B25J 15/-</u>
2023220850 2023232116 2023236127 2023244356		2023217563 2023250537	2023251723	2023241127	2023229012
<u>A61M 16/-</u>	<u>A61P 27/-</u>	<u>A61Q 15/-</u>	<u>B01D 63/-</u>	<u>B07B 13/-</u>	<u>B25J 18/-</u>
	2023228602	2023250548	2023251723	2023214511	2023250924
2023234894 2023235301	<u>A61P 29/-</u>	<u>A61Q 19/-</u>	<u>B01D 65/-</u>	<u>B08B 9/-</u>	<u>B27K 3/-</u>
	2023229284	2023248935 2023250548	2023251723	2023232801	2023238790 2023367926
<u>A61M 25/-</u>	<u>A61P 3/-</u>	<u>A62B 18/-</u>	<u>B01F 31/-</u>	<u>B09B 101/-</u>	<u>B27K 5/-</u>
2022450356 2023220850 2023232116	2023225875 2023228989 2023232184 2023236225	2023219792	2023226839 2023228349	2023246806	2023367926
<u>A61M 39/-</u>	<u>A61P 31/-</u>	<u>A62B 23/-</u>	<u>B01F 35/-</u>	<u>B09B 3/-</u>	<u>B29B 17/-</u>
2022450356		2023219792	2023226839 2023228349	2023246806	2023218299
<u>A61M 5/-</u>	2023224417 2023227850 2023227862	<u>A63B 21/-</u>	<u>B01J 19/-</u>	2023217346	<u>B29C 51/-</u>
2022450356 2022456292 2023244356	2023232815 2023232838 2023234220 2023242948	2023224103 2023229812	2023224218 2023231496	<u>B21D 37/-</u>	2023218299
<u>A61N 1/-</u>		<u>A63B 22/-</u>	<u>B01J 20/-</u>	2023217346	<u>B29C 64/-</u>
2022441623 2023237898	<u>A61P 35/-</u>	2023224103	2023218232	<u>B21D 7/-</u>	2023218232
<u>A61N 5/-</u>	2022445159 2023216372 2023217968	<u>A63B 23/-</u>	<u>B01J 21/-</u>	2023217346 2023231543	<u>B29K 101/-</u>
2023231624	2023219029 2023219447 2023224815	2023224103	2023231496	<u>B21D 9/-</u>	2023218299
<u>A61P 1/-</u>	2023225842 2023225857 2023226435	<u>A63B 24/-</u>	<u>B01J 23/-</u>	2023231543	<u>B32B 15/-</u>
2023217563 2023228989 2023247528 2023284843 2023284844	2023228576 2023228989 2023230883 2023231050 2023231103	2023229812	2023231496	<u>B21F 1/-</u>	2023231506
<u>A61P 11/-</u>	2023231442 2023231622 2023232847	<u>A63B 71/-</u>	<u>B01J 35/-</u>	2023217346	<u>B32B 27/-</u>
2023244808 2023279258	2023233629 2023233730 2023238106	2023229812	2023231496	2023217346	2022446653 2023231506
<u>A61P 13/-</u>	2023238511 2023241822 2023242749	<u>A63F 1/-</u>	<u>B01J 37/-</u>	<u>B22F 1/-</u>	<u>B32B 3/-</u>
2023232184	2023245728 2023259406 2023391877	2023248907	2023231496	2023236436	2023231506
<u>A61P 15/-</u>	<u>A61P 37/-</u>	<u>A63F 3/-</u>	<u>B01J 8/-</u>	<u>B22F 3/-</u>	<u>B32B 37/-</u>
2022451605	2023231622 2023232838 2023248681 2023259761	2023248907	2022445160	2023236436	2023218299
<u>A61P 17/-</u>		<u>A63F 9/-</u>	<u>B01L 3/-</u>	<u>B22F 9/-</u>	<u>B32B 43/-</u>
2023259761	2023231622 2023232838 2023248681 2023259761	2023248907	2023236548 2023241629	2023236436	2023218299
<u>A61P 19/-</u>	<u>A61P 9/-</u>	<u>B01B 1/-</u>	<u>B02C 21/-</u>	<u>B23P 19/-</u>	<u>B32B 5/-</u>
2023259406 2023263715	2023225875 2023232184	2023244559	2023214511	2023253843	2023231506
<u>A61P 21/-</u>		<u>B01D 1/-</u>	<u>B02C 23/-</u>	<u>B23P 5/-</u>	<u>B32B 7/-</u>
2023222467		2022445934	2023214511	2023253843	2023231506
		<u>B01D 11/-</u>	<u>B02C 4/-</u>	<u>B24B 29/-</u>	<u>B42D 25/-</u>
		2023244559	2023253843	2023298163	2023265118
		<u>B01D 3/-</u>	<u>B03C 1/-</u>	<u>B25C 1/-</u>	<u>B60B 27/-</u>
		2022445934	2023411131	2023278782	2023229069
				<u>B25C 7/-</u>	
				2023278782	

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

<u>B60B 3 /-</u>	<u>B62D 25 /-</u>	<u>B66C 21 /-</u>	<u>C07C 1 /-</u>	<u>C07D 235 /-</u>	2023233730
2023229069	2023221019	2023232165	2023255654	2023219029	<u>C07D 419 /-</u>
<u>B60B 9 /-</u>	<u>B62D 55 /-</u>	<u>B67B 7 /-</u>	<u>C07C 11 /-</u>	<u>C07D 263 /-</u>	2023259406
2023235988	2023244472	2023216988	2023255654	2023244808	<u>C07D 471 /-</u>
<u>B60D 1 /-</u>	<u>B62D 57 /-</u>	<u>B82Y 10 /-</u>	<u>C07C 211 /-</u>	<u>C07D 307 /-</u>	2023219029
2023215224	2023244472	2023231588	2023251168	2023219029	2023219447
<u>B60H 1 /-</u>	<u>B63B 21 /-</u>	<u>C01B 3 /-</u>	<u>C07C 217 /-</u>	2023241822	2023225842
2023230890	2023257711	2022445160	2023251168	<u>C07D 311 /-</u>	2023225875
<u>B60K 11 /-</u>	<u>B63B 35 /-</u>	2023231496	<u>C07C 271 /-</u>	2023244559	2023232184
2023230890	2023257711	2023231626	2023249179	2023259406	2023233629
<u>B60K 16 /-</u>	<u>B63B 77 /-</u>	<u>C01B 32 /-</u>	<u>C07C 275 /-</u>	<u>C07D 333 /-</u>	2023241822
2023221019	2023227766	2023231654	2023249179	2023219029	<u>C07D 487 /-</u>
<u>B60L 53 /-</u>	<u>B64C 11 /-</u>	2023251690	<u>C07C 301 /-</u>	<u>C07D 401 /-</u>	2023219029
2023232639	2023248329	<u>C02F 1 /-</u>	2023219029	2023219029	2023219447
2023235061	<u>B64C 27 /-</u>	2022445934	<u>C07C 309 /-</u>	2023224815	2023224815
<u>B60P 3 /-</u>	2023248329	2023227495	2023249641	2023225875	2023225875
2023203302	<u>B64D 47 /-</u>	2023236012	<u>C07C 53 /-</u>	2023228576	2023227850
<u>B60R 19 /-</u>	2023231478	2023245470	2023249641	2023232125	2023227862
2023230890	<u>B64G 1 /-</u>	2023251723	<u>C07C 55 /-</u>	2023233629	2023232184
<u>B60R 25 /-</u>	2023230211	<u>C02F 101 /-</u>	2023249641	2023233730	2023234433
2023215224	<u>B65D 39 /-</u>	2023251723	<u>C07C 57 /-</u>	2023238106	2023241822
<u>B60T 15 /-</u>	2022439959	<u>C03B 5 /-</u>	2023249641	2023238511	<u>C07D 491 /-</u>
2023267075	<u>B65D 41 /-</u>	2023235044	2023251168	2023241822	2023219029
2023267829	<u>B65D 85 /-</u>	<u>C04B 111 /-</u>	<u>C07C 59 /-</u>	<u>C07D 403 /-</u>	2023225875
<u>B60W 60 /-</u>	2022439959	2023236012	2023249641	2023219029	<u>C07D 498 /-</u>
2022444268	<u>B65D 90 /-</u>	2023251723	2023251168	2023224815	2023249641
<u>B61B 12 /-</u>	2023263733	<u>C03B 5 /-</u>	2023249641	2023228576	<u>C07D 519 /-</u>
2023232165	2023264259	2023235044	2023251168	2023219029	2023225842
<u>B61B 3 /-</u>	<u>B65D 90 /-</u>	<u>C04B 111 /-</u>	<u>C07C 59 /-</u>	2023225875	2023227862
2023232165	2023232837	2023227459	2023249641	2023232184	2023241822
<u>B61B 7 /-</u>	<u>B65G 35 /-</u>	<u>C04B 14 /-</u>	<u>C07C 65 /-</u>	2023259406	<u>C07F 7 /-</u>
2023232165	2023232840	2023227459	2023249641	<u>C07D 407 /-</u>	2023219029
<u>B61D 5 /-</u>	<u>B65G 65 /-</u>	<u>C04B 18 /-</u>	<u>C07C 9 /-</u>	2023224815	<u>C07H 15 /-</u>
2023232837	2023282214	2023238074	2023255654	2023232184	2023232838
<u>B61D 7 /-</u>	<u>B66B 1 /-</u>	<u>C04B 20 /-</u>	<u>C07D 207 /-</u>	<u>C07D 409 /-</u>	2023234536
2023232837	2023232957	2023231444	2023219029	2023219029	<u>C07H 21 /-</u>
<u>B61H 11 /-</u>	<u>B66B 13 /-</u>	<u>C04B 26 /-</u>	<u>C07D 213 /-</u>	2023225875	2023232014
2023267075	2023231350	2023227459	2023219029	2023232184	<u>C07K 1 /-</u>
	<u>B66B 5 /-</u>	<u>C04B 28 /-</u>	2023241822	2023234220	2023217003
	2023231350	2023238074	2023249641	<u>C07D 413 /-</u>	2023232838
		<u>C04B 40 /-</u>	<u>C07D 231 /-</u>	2023219029	2023234536
		2023238074	2023241822	2023225875	<u>C07H 15 /-</u>
			<u>C07D 233 /-</u>	2023228576	<u>C07H 21 /-</u>
			2023219029	2023234220	2023232014
			2023241822	<u>C07D 417 /-</u>	<u>C07K 1 /-</u>
			2023259406	2023219029	2023217003
			2023219029	2023225875	<u>C07K 14 /-</u>
			2023219029	2023225876	2023217003
			2023219029	2023234220	2023221321
			2023219029	2023241822	2023224417
			2023219029	2023259406	2023230885
			2023219029	2023233629	2023232838
			2023219029	2023219029	2023236826
			2023219029	2023219029	2023242948
			2023219029	2023233629	2023251240

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

<u>C07K 16 /-</u>	<u>C09K 8 /-</u>	2023232847 2023236826 2023262646	<u>C22C 29 /-</u>	<u>E01F 5 /-</u>	<u>E21B 49 /-</u>
2023215753 2023216372 2023220851 2023225857 2023226435 2023229284 2023230883 2023231050 2023231622 2023232045 2023232815 2023232838 2023232847 2023233838 2023242749 2023242948 2023245728 2023259761 2023279258 2023391877	2023241127 <u>C10G 2 /-</u> 2023255654 <u>C10G 67 /-</u> 2023227468 <u>C10G 69 /-</u> 2023227468 <u>C10G 73 /-</u> 2023227468 <u>C10M 125 /-</u> 2023241127 <u>C11B 1 /-</u> 2023244559 <u>C11B 3 /-</u> 2023244559 <u>C12M 1 /-</u> 2023243138 <u>C12M 3 /-</u> 2022449081 2023226839 2023228349 <u>C12N 15 /-</u> 2023216372 2023221321 2023221412 2023227536 2023228754 2023228817 2023228989 2023229284 2023230885 2023231550 2023232014 2023232270 2023232781 2023234536 2023241138 2023241629 2023241905 2023248681 2023251240 2023262534 2023262646 <u>C12N 5 /-</u> 2023228602 2023228817 2023229284 2023232138 2023232781	2023232847 2023236826 2023262646 <u>C12N 7 /-</u> 2023228754 2023232781 2023242948 2023262534 <u>C12N 9 /-</u> 2023228817 2023232138 2023232270 2023237904 2023249315 <u>C12P 19 /-</u> 2023237904 <u>C12P 21 /-</u> 2023229284 <u>C12P 7 /-</u> 2023227491 <u>C12Q 1 /-</u> 2023221386 2023228754 2023228817 2023231558 2023233603 2023233729 2023234534 2023234600 2023241138 2023241893 2023421715 <u>C21B 13 /-</u> 2023246848 <u>C21B 5 /-</u> 2023231111 2023246848 <u>C21B 7 /-</u> 2023231111 <u>C22B 1 /-</u> 2023246248 <u>C22B 23 /-</u> 2023246248 <u>C22B 3 /-</u> 2023246248 <u>C22B 7 /-</u> 2023246248	2023236436 2022445507 <u>C23C 16 /-</u> 2023241127 <u>C25B 1 /-</u> 2023224218 2023234559 2023247817 <u>C25B 15 /-</u> 2023224218 2023234559 2023235516 2023247817 <u>C25B 3 /-</u> 2023233972 2023235516 <u>C25B 9 /-</u> 2023224218 2023233972 2023234559 2023235516 2023247817 <u>C25C 3 /-</u> 2023236436 <u>C25C 7 /-</u> 2023236436 <u>D01D 5 /-</u> 2023257357 <u>D01F 6 /-</u> 2023257357 <u>D01F 8 /-</u> 2023257357 <u>D06M 15 /-</u> 2023254753 <u>D06P 1 /-</u> 2023254753 <u>D06Q 1 /-</u> 2023254753 <u>D21J 3 /-</u> 2023232472	2023238229 <u>E02B 17 /-</u> 2023227766 <u>E02D 29 /-</u> 2022444866 2023238229 <u>E02F 3 /-</u> 2023282214 <u>E02F 9 /-</u> 2023282214 <u>E04B 1 /-</u> 2023231506 2023238229 <u>E04C 1 /-</u> 2022444866 <u>E04C 5 /-</u> 2023240452 <u>E04F 10 /-</u> 2023246831 <u>E04F 11 /-</u> 2023246831 <u>E04G 17 /-</u> 2023240452 <u>E04G 21 /-</u> 2023255334 <u>E04H 4 /-</u> 2022439389 <u>E21B 17 /-</u> 2023242938 <u>E21B 34 /-</u> 2022445507 2023235061 <u>E21B 41 /-</u> 2022445507 2022445512 2023230268 <u>E21B 43 /-</u> 2023232048 2023234461	2023232048 2023234461 <u>E21C 41 /-</u> 2023214511 <u>E21D 11 /-</u> 2023238229 <u>E21F 13 /-</u> 2023214511 2023232840 <u>E21F 17 /-</u> 2023214511 <u>F01D 5 /-</u> 2023225801 <u>F02G 1 /-</u> 2023219215 <u>F03D 1 /-</u> 2022452162 <u>F03D 13 /-</u> 2023227766 <u>F03D 80 /-</u> 2022452162 <u>F04B 49 /-</u> 2022439432 <u>F04B 53 /-</u> 2022439432 <u>F04D 15 /-</u> 2023235416 <u>F04D 25 /-</u> 2023225801 <u>F04D 29 /-</u> 2023225801 2023235416 <u>F15D 1 /-</u> 2022445512 <u>F16B 2 /-</u> 2023246831 <u>F16F 9 /-</u> 2023235988

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

<u>F16L 3 /-</u>	<u>F25B 45 /-</u>	<u>G01D 9 /-</u>	<u>G02B 26 /-</u>	<u>G06F 3 /-</u>	<u>G07F 13 /-</u>
2022450356 2023278782	2022449056	2023229810	2023236141	2023220199 2023221266	2023232734
<u>F16L 57 /-</u>	<u>F25D 25 /-</u>	<u>G01J 3 /-</u>	<u>G02B 6 /-</u>	<u>G06F 9 /-</u>	<u>G07F 9 /-</u>
2022445512	2023231626	2023227216	2023231588 2023260781	2023259560	2023232734
<u>F16M 13 /-</u>	<u>F26B 21 /-</u>	<u>G01N 1 /-</u>	<u>G02C 7 /-</u>	<u>G06K 19 /-</u>	<u>G09F 3 /-</u>
2023225863	2023367926	2023221386 2023232023	2023236011	2023232127	2023232127
<u>F17C 11 /-</u>	<u>F26B 23 /-</u>	<u>G01N 21 /-</u>	<u>G02F 1 /-</u>	<u>G06N 20 /-</u>	<u>G16B 20 /-</u>
2023231626	2023367926	2023241893	2023231588	2023219031 2023231558 2023232048 2023235317	2023234600 2023242777
<u>F23G 7 /-</u>	<u>F26B 25 /-</u>	<u>G01N 33 /-</u>	<u>G03B 15 /-</u>	<u>G06N 3 /-</u>	<u>G16B 30 /-</u>
2022449056	2023367926	2022445159 2022447608 2023214511 2023231558 2023232023 2023232125 2023232815 2023232838 2023232847 2023234534 2023235490 2023241629	2023231478	2023235317	2023233603 2023242777
<u>F23K 5 /-</u>	<u>F28F 9 /-</u>	<u>G01N 35 /-</u>	<u>G05B 13 /-</u>	<u>G06Q 20 /-</u>	<u>G16B 40 /-</u>
2022449056	2023230890	2023398865	2023235317	2023219031 2023232789 2023253833	2023233603 2023242777
<u>F23N 5 /-</u>	<u>F41A 19 /-</u>	<u>G01R 31 /-</u>	<u>G05B 17 /-</u>	<u>G06Q 30 /-</u>	<u>G16B 50 /-</u>
2022449056	2023240088	2023406191	2023235317	2023219031 2023232789 2023251461	2023233603
<u>F24C 15 /-</u>	<u>F41A 33 /-</u>	<u>G01R 33 /-</u>	<u>G05B 19 /-</u>	<u>G06Q 40 /-</u>	<u>G16H 10 /-</u>
2023273922	2023240088	2023406191	2023229810	2023219031 2023232789 2023251461	2023225621 2023232127
<u>F24D 19 /-</u>	<u>F42B 3 /-</u>	<u>G01S 1 /-</u>	<u>G05B 23 /-</u>	<u>G06Q 50 /-</u>	<u>G16H 20 /-</u>
2023230890	2023240088	2022492769	2023229810 2023255598	2022446529 2023235317 2023251461	2023234894
<u>F24D 3 /-</u>	<u>F42D 1 /-</u>	<u>G01S 17 /-</u>	<u>G05D 1 /-</u>	<u>G06T 17 /-</u>	<u>G16H 40 /-</u>
2023246174	2023226951	2023229810	2023226142	2023219031	2023225621 2023231510 2023234894
<u>F24F 11 /-</u>	<u>F42D 3 /-</u>	<u>G01S 19 /-</u>	<u>G05D 3 /-</u>	<u>G06T 19 /-</u>	<u>G16H 50 /-</u>
2022458292 2023246174	2022445784 2023226951	2023227216	2023332440	2023236365	2023231558 2023236365 2023242777 2023249228
<u>F24F 13 /-</u>	<u>G01B 7 /-</u>	<u>G01S 19 /-</u>	<u>G05F 1 /-</u>	<u>G06T 19 /-</u>	<u>H01B 1 /-</u>
2023217993	2023242715	2022444268 2022445841 2023236038	2023235317	2023236365	2023255931
<u>F24F 140 /-</u>	<u>G01C 11 /-</u>	<u>G01S 5 /-</u>	<u>G06F 1 /-</u>	<u>G06T 7 /-</u>	<u>H01B 13 /-</u>
2023246174	2023231478	2022444268 2023248423 2023251461	2023225863	2023236365 2023242975	2023255931
<u>F24F 5 /-</u>	<u>G01C 19 /-</u>	<u>G01S 7 /-</u>	<u>G06F 11 /-</u>	<u>G06V 10 /-</u>	<u>H01H 71 /-</u>
2023246174 2023250037	2022444268	2023236141	2023251461 2023259560	2023242975	2023251150
<u>F24S 10 /-</u>	<u>G01C 21 /-</u>	<u>G01W 1 /-</u>	<u>G06F 16 /-</u>	<u>G07C 5 /-</u>	<u>H01H 9 /-</u>
2023219620	2023232420	2023235317	2023220199 2023248423 2023251461	2023229069	2023251150
<u>F24S 20 /-</u>	<u>G01C 23 /-</u>	<u>G02B 1 /-</u>	<u>G06F 17 /-</u>	<u>G07C 9 /-</u>	<u>H01L 23 /-</u>
2023219620	2022444268	2023230173	2023229810 2023233603 2023235317	2023228047	2023250924
<u>F24S 23 /-</u>	<u>G01D 5 /-</u>		<u>G06F 21 /-</u>	<u>G07F 11 /-</u>	<u>H01L 31 /-</u>
2023219620	2022441623		2023228623 2023232127 2023251461	2023216988	2023218299 2023219198

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

2023221019	<u>H04B 1 /-</u>	
2023234895		<u>H05B 6 /-</u>
2023246806	2023225863	
	2023229810	2023218299
<u>H01M 10 /-</u>		
	<u>H04B 11 /-</u>	<u>H05K 5 /-</u>
2023235061		
2023246248	2023237898	2023229810
2023255931		2023231832
2023406191	<u>H04B 13 /-</u>	
		<u>H05K 7 /-</u>
<u>H01M 50 /-</u>	2023237898	
		2022439432
2023224938	<u>H04B 5 /-</u>	2023229810
2023235061		
	2022441623	
<u>H01M 8 /-</u>	2023229810	
2023231626	<u>H04B 7 /-</u>	
<u>H01Q 1 /-</u>	2022444154	
2023261925	<u>H04L 27 /-</u>	
<u>H01Q 21 /-</u>	2022477532	
2023261925	<u>H04L 67 /-</u>	
<u>H01Q 5 /-</u>	2023243679	
	2023251461	
2023261925		
	<u>H04L 9 /-</u>	
<u>H01Q 9 /-</u>		
	2023251461	
2023261925		
	<u>H04M 1 /-</u>	
<u>H01S 1 /-</u>		
	2023225863	
2023257216		
	<u>H04N 19 /-</u>	
<u>H01S 5 /-</u>		
	2023239087	
2023257216		
	<u>H04N 25 /-</u>	
<u>H02J 3 /-</u>		
	2023231478	
2023232463		
2023232639	<u>H04R 1 /-</u>	
2023235317		
	2023225863	
<u>H02J 50 /-</u>		
	<u>H04R 25 /-</u>	
2022441623		
2023237898	2022441623	
<u>H02J 7 /-</u>	<u>H04W 4 /-</u>	
2023229810	2023219031	
2023406191	2023227000	
	2023236038	
<u>H02K 7 /-</u>		
	<u>H04W 52 /-</u>	
2023219257		
	2022444154	
<u>H02K 9 /-</u>		
	<u>H04W 74 /-</u>	
2022439432		
	2022477532	
<u>H02S 40 /-</u>		
	<u>H05B 1 /-</u>	
2023234895		
	2023367926	
<u>H03L 7 /-</u>		
	<u>H05B 3 /-</u>	
2023257216		
	2023367926	

Applications Accepted

Name Index

<p>(71) 3M INNOVATIVE PROPERTIES COMPANY (11) AU-B-2021378511 (21) 2021378511 (22) 04.11.2021 (54) PERSONAL PROTECTIVE DEVICE WITH LOCAL VOICE RECOGNITION AND METHOD OF PROCESSING A VOICE SIGNAL THEREIN (51) Int. Cl. A61F 11/06 (2006.01) A61F 11/14 (2006.01) A41D 13/00 (2006.01) A41D 13/05 (2006.01) A61F 9/06 (2006.01) F16P 1/00 (2006.01) G10L 15/00 (2013.01) G10L 15/22 (2006.01) (87) WO2022/101747 (31) 20207551.1 (32) 13.11.20 (33) EP (43) 19.05.2022 (44) 26.09.2024 (72) KURZHALS, Holger J.; STALDER, Michael H.; HJORT, Patrick R.T.; JOHANSSON, Magnus S. (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Acer Incorporated (11) AU-B-2023202522 (21) 2023202522 (22) 26.04.2023 (54) METHOD FOR DUPLEX OPERATION AND USER EQUIPMENT USING THE SAME (51) Int. Cl. H04L 5/14 (2006.01) H04J 1/00 (2006.01) H04L 1/04 (2006.01) (31) 63/336,242 (32) 28.04.22 (33) US 18/302,001 18.04.23 US (43) 16.11.2023 (44) 26.09.2024 (72) CHEN, Jen-Hsien; LEE, Chien-Min; LO, Li-Chung (74) Collison & Co</p>	<p>G06T 17/20 (2006.01) (31) 17/072,729 (32) 16.10.20 (33) US (43) 05.05.2022 (44) 26.09.2024 (72) Wang, Jui-Hsien; Dumas, Jeremie; Kaufman, Daniel (74) RnB IP Pty Ltd</p>
<p>(71) 3R LIFE SCIENCES CORPORATION (11) AU-B-2022430006 (21) 2022430006 (22) 02.12.2022 (54) VENTRICULAR ASSIST DEVICE HAVING PRESSURE SENSOR EMBEDDED DURABLE DISPLACEMENT BLOOD PUMP (51) Int. Cl. A61M 60/274 (2021.01) (87) WO2023/177428 (31) 17/695,344 (32) 15.03.22 (33) US (43) 05.10.2023 (44) 26.09.2024 (72) LU, Pong-Jeu; LIN, Hsiao-Chien (74) Madderns Pty Ltd</p>	<p>(71) Acies Medical LLC (11) AU-B-2019384705 (21) 2019384705 (22) 15.11.2019 (54) Detection systems and methods for medical devices (51) Int. Cl. G01N 21/64 (2006.01) A61B 1/07 (2006.01) A61B 5/1455 (2006.01) A61B 5/1459 (2006.01) (87) WO2020/106555 (31) 62/770,676 (32) 21.11.18 (33) US (43) 28.05.2020 (44) 26.09.2024 (72) SIPPLE, Daniel; NORLING, Brian L. (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) Akeso Pharmaceuticals, Inc. (11) AU-B-2017317124 (21) 2017317124 (22) 22.08.2017 (54) Anti-CTLA4 and anti-PD-1 bifunctional antibody, pharmaceutical composition thereof and use thereof (51) Int. Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 7/06 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01) G01N 33/577 (2006.01) G01N 33/68 (2006.01) (87) WO2018/036473 (31) 201610705624.2 (32) 23.08.16 (33) CN (43) 01.03.2018 (44) 26.09.2024 (72) Li, Baiyong; Xia, Yu; Wang, Zhongmin Maxwell; Zhang, Peng (74) Spruson & Ferguson</p>
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 A01K 63/10 (2017.01)
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 (74) Dentons Patent Attorneys Australasia Limited

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E21B 34/08 (2006.01)
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A23J 1/00 (2006.01)
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H02J 3/38 (2006.01)

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A61F 13/00 (2006.01)

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A01P 7/04 (2006.01)
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 (51) Int. Cl.
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A61B 1/12 (2006.01)
A61M 25/10 (2013.01)
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G07C 9/00 (2020.01)
G07C 9/27 (2020.01)
G07C 9/28 (2020.01)
H04B 1/034 (2006.01)
H04B 5/00 (2006.01)
H04W 4/02 (2018.01)
H04W 4/029 (2018.01)
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C12P 13/06 (2006.01)
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A61B 18/14 (2006.01)
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C02F 1/56 (2006.01)
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A61M 1/00 (2006.01)
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C12Q 1/68 (2018.01)
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H01M 50/502 (2021.01)
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A45D 34/04 (2006.01)
A45D 40/00 (2006.01)
A46B 13/02 (2006.01)
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A47K 7/04 (2006.01)
A61F 9/00 (2006.01)
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A61P 35/00 (2006.01)
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C07K 14/435 (2006.01)
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 A01D 23/04 (2006.01)
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 C07K 19/00 (2006.01)
 C12N 15/62 (2006.01)
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G06N 99/00 (2019.01)
B82Y 10/00 (2011.01)
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G06F 16/909 (2019.01)
G06V 20/20 (2022.01)
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A61L 27/26 (2006.01)
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A61L 27/48 (2006.01)
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G09G 3/20 (2006.01)
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G06N 20/00 (2019.01)
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C12C 7/14 (2006.01)
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C12H 1/056 (2006.01)

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E04B 1/94 (2006.01)
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G02B 25/00 (2006.01)
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H04W 4/06 (2009.01)
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H04W 74/08 (2009.01)
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H04W 52/24 (2009.01)
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C07F 7/00 (2006.01)
C08G 77/12 (2006.01)
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B01J 8/12 (2006.01)
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E04F 15/02 (2006.01)
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 C07D 471/02 (2006.01)
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 B24D 7/00 (2006.01)
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 B28D 1/04 (2006.01)
 E03F 5/04 (2006.01)
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 C07K 14/47 (2006.01)
 A61K 38/17 (2006.01)
 A61P 9/12 (2006.01)
 A61P 11/00 (2006.01)
 A61P 25/08 (2006.01)
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 A61B 1/04 (2006.01)
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 H04L 9/08 (2006.01)
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 B01L 3/00 (2006.01)
 G05D 7/01 (2006.01)
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G06F 9/30 (2018.01)
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G06N 10/00 (2022.01)
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D21H 11/02 (2006.01)
C08B 15/10 (2006.01)
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G06F 13/12 (2006.01)
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 A61P 31/16 (2006.01)
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C08B 37/08 (2006.01)
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C08L 5/08 (2006.01)

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G01N 21/77 (2006.01)
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F16C 11/06 (2006.01)
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E02F 9/26 (2006.01)
G06N 3/02 (2006.01)
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A23P 10/47 (2016.01)
C11B 15/00 (2006.01)

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G05D 1/00 (2006.01)
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C22C 38/02 (2006.01)
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B21B 37/74 (2006.01)
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C22C 38/06 (2006.01)
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B22C 1/18 (2006.01)
B33Y 30/00 (2015.01)
B33Y 40/00 (2020.01)
B33Y 70/00 (2020.01)

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C12N 7/00 (2006.01)
C12N 15/86 (2006.01)

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H04L 67/04 (2022.01)
H04L 67/104 (2022.01)
H04L 67/52 (2022.01)
H04W 12/63 (2021.01)

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B01J 23/755 (2006.01)
C07B 61/00 (2006.01)
C07C 1/02 (2006.01)
C07C 1/04 (2006.01)
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F16L 59/065 (2006.01)
H05B 3/14 (2006.01)
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A01N 47/44 (2006.01)
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C21B 13/02 (2006.01)
F27D 17/00 (2006.01)
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C23C 2/02 (2006.01)
C22C 18/00 (2006.01)
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G10L 19/005 (2013.01)
G10L 19/00 (2013.01)
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H03M 7/30 (2006.01)
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 C07D 401/14 (2006.01)
 A61K 31/454 (2006.01)
 A61P 35/00 (2006.01)
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 (21) 2021268338 (22) 05.05.2021
 (54) Oral care compositions comprising tin
 (51) Int. Cl.
A61K 8/20 (2006.01)
A61K 8/21 (2006.01)
A61K 8/25 (2006.01)
A61K 8/365 (2006.01)
A61Q 11/00 (2006.01)
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 (54) Remineralizing oral care compositions comprising tin
 (51) Int. Cl.
A61K 8/20 (2006.01)
A61K 8/21 (2006.01)
A61K 8/25 (2006.01)
A61K 8/365 (2006.01)
A61Q 11/00 (2006.01)
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 (54) Tooth whitening product
 (51) Int. Cl.
B32B 1/08 (2006.01)
B32B 27/32 (2006.01)
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C12N 15/864 (2006.01)
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A61P 31/12 (2006.01)
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C07C 15/16 (2006.01)
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C07C 311/02 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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F16D 66/02 (2006.01)
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H01F 6/00 (2006.01)
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 (54) SOLAR CELL, ALOX COATING METHOD THEREFOR, CELL BACK SURFACE PASSIVATION STRUCTURE, AND METHOD
 (51) Int. Cl.
H01L 31/18 (2006.01)
H01L 21/02 (2006.01)
H01L 21/32A (2006.01)
H01L 31/0216 (2014.01)
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 (54) A TOOTH BRIGHTENING COMPOSITION, KIT, AND METHOD OF USING THE SAME
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A61K 8/87 (2006.01)
A61K 8/29 (2006.01)
A61K 8/46 (2006.01)
A61Q 11/00 (2006.01)
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A61K 31/7105 (2006.01)
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C07D 245/02 (2006.01)
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B60L 58/10 (2019.01)
B60L 1/00 (2006.01)
B60L 15/20 (2006.01)
G01C 21/34 (2006.01)
H02J 7/00 (2006.01)
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 (51) Int. Cl.
A23P 20/18 (2016.01)
A23L 19/00 (2016.01)
A61J 3/06 (2006.01)
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G01N 33/569 (2006.01)
A61K 38/00 (2006.01)
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 (51) Int. Cl.
B23K 37/04 (2006.01)
B23K 1/00 (2006.01)
B23K 3/08 (2006.01)
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A01D 41/12 (2006.01)
A01F 12/40 (2006.01)
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A01D 41/12 (2006.01)
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C09C 1/36 (2006.01)
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G05D 1/222 (2024.01)
A01D 34/00 (2006.01)
B60L 50/60 (2019.01)
G05D 1/648 (2024.01)
A01D 101/00 (2006.01)
G05D 105/15 (2024.01)
G05D 109/10 (2024.01)
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A47C 27/10 (2006.01)
A61G 7/057 (2006.01)
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 (54) Systems and methods for controlling and monitoring inflatable perfusion enhancement apparatus for mitigating contact pressure
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A61F 5/32 (2006.01)
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A61K 31/02 (2006.01)
A61K 9/107 (2006.01)
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C12N 7/00 (2006.01)
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A61P 17/00 (2006.01)
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C12N 9/24 (2006.01)
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G01N 27/327 (2006.01)
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A01N 43/653 (2006.01)
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 (72) PANCHAL, Digish Manubhai; PATEL, Rakesh Bhikubhai
 (74) Churchill Attorneys
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 (54) Rear excursion backrest for wheelchair accessible vehicles
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A61G 3/00 (2006.01)
A61G 3/08 (2006.01)
B60N 2/14 (2006.01)
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B60R 21/02 (2006.01)
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 (54) Systems and Methods for Understanding Identity and Organizational Access to Applications within an Enterprise Environment
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G06F 21/62 (2013.01)
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 (74) SR Intellectual Property
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 (11) AU-B-2023229548
 (21) 2023229548 (22) 14.09.2023
 (54) STABILIZATION DEVICES FOR VASCULAR ACCESS AND METHODS OF USING THE SAME

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2017313405	Compugen Ltd.	2018388874	LN1 INC.
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2017328633	Novimmune SA	2018394287	uniQure IP B.V.
2017348624	Incyte Corporation	2018398377	i-SEP
2017348734	Toray Industries, Inc.	2018399217	Johnson & Johnson Consumer Inc.
2017357679	Pfizer Inc.	2018405401	Pyylahti Oy
2017362500	Renovion, Inc.	2018408822	Tronox LLC
2017367691	Regeneron Pharmaceuticals, Inc.	2018429381	Halliburton Energy Services, Inc.
2017439375	Halliburton Energy Services, Inc.	2018433057	Halliburton Energy Services, Inc.
2018200999	Unison Joints Pty Ltd	2018441502	Heineken Supply Chain B.V.
2018204381	Deere & Company	2018443227	CRRC Qishuyan Institute Co., Ltd.
2018205113	Deere & Company	2019200031	Seminis Vegetable Seeds, Inc.
2018219292	Dana-Farber Cancer Institute, Inc.	2019200845	Chevron U.S.A. Inc.
2018222901	Deere & Company	2019201848	Aktiebolaget SKF
2018226393	Illinois Tool Works Inc.	2019204428	Böme S.r.l.
2018227442	The Trustees of The University of Pennsylvania	2019204485	CUP&CINO Kaffeesystem-Vertrieb GmbH & Co. KG
2018228785	Treos Bio Limited	2019210010	Atelerix Limited
2018232890	Eco-Tec Inc.	2019211149	Owens-Brockway Glass Container Inc.
2018248899	Pierre Fabre Dermo-Cosmetique	2019215582	Lohmann & Rauscher GmbH & Co. KG
2018250391	Illinois Tool Works Inc.	2019218371	Panavision International, L.P.
2018253482	Opal Packaging Australia Pty Ltd	2019218785	The United States of America, as represented by The Secretary, Department of Health and Human Services
2018255507	Robotic Automation Pty Limited		Power Hero Corp.
2018256358	Dovetail Genomics, LLC	2019222634	RAI Strategic Holdings, Inc.
2018261007	Quantum-Si Incorporated	2019223424	Dana-Farber Cancer Institute, Inc.
2018263935	Prothena Biosciences Limited	2019227641	Jotun A/S
2018267572	Deere & Company	2019229666	Subsea 7 Limited
2018279024	VeriFone, Inc.	2019229754	Granbio Intellectual Property Holdings, LLC; Regeninx Limited
2018279050	Deere & Company	2019230193	
2018280868	Black Belt Therapeutics Limited		2019233509
2018280871	Black Belt Therapeutics Ltd		2019234566
2018294517	CSL Behring Lengnau AG		2019234654
2018303287	Lipofabrik		2019236670
2018311641	Regev, E.; Gadfin Ltd.		2019237526
2018313253	The United States Government as Represented by the Department of Veterans Affairs; The Board of Trustees of the University of Illinois		2019237543
			2019240294
2018318074	University of Georgia Research Foundation, Inc.		2019244313
2018326556	Ferring B.V.		2019244446
2018328752	Mantzis Holdings Pty Ltd.		2019247482
2018330416	MTI Biotech, Inc.		2019252429
2018333267	MaxiCut Pty Ltd		2019256801
2018333578	Cardinal Health 529, LLC		
2018337076	The Bionics Institute of Australia; The University of Melbourne		2019258975
			2019264447
2018340871	Weiss Nominees Pty Ltd		2019264475
2018341091	GW Research Limited		2019265024
2018341331	Zogenix International Limited		2019265313
2018346790	Mobius Imaging, LLC		2019268041
2018348796	The University of Queensland; The University of Adelaide; Griffith University		2019268186
			2019270464
2018350825	The United States of America, as represented by the Secretary, Department of Health and Human Services		2019271730
			2019274495
2018352462	Transco Manufacturing Australia Pty Ltd		2019275068
2018353790	MAGALI, S.		2019275493
2018353976	Crosstex International, Inc.		2019276054
2018354277	Embody Inc.		2019281147
2018363236	Gaztransport et Technigaz		2019281200
2018363877	Fred Bergman Healthcare Pty Ltd		2019282375
2018364114	Yafei Shanghai Biolog Medicine Science & Technology Co., Ltd.		2019284510
			2019288291
2018370210	Living Proof, Inc.		2019290638
2018372072	Secretary of State for Health and Social Care		2019295354
			Miller UK Limited

Applications Accepted - Numerical Index cont'd

2019295357	Miller UK Limited	2020476670	ZURIMED TECHNOLOGIES AG
2019296118	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2021200649	Canva Pty Ltd
2019299688	Guardian Glass, LLC	2021202158	The United States of America, as represented by the Secretary, Department of Health and Human Services
2019300981	BluePrint Holding B.V.	2021202578	Momenta Pharmaceuticals, Inc.
2019302717	Technoflex	2021207544	Wonderland Switzerland AG
2019304983	PPG Industries Ohio, Inc.	2021209689	W. L. Gore & Associates, Inc.
2019307239	The University of Sydney; Western Sydney Local Health District	2021213831	Tensar International Corporation
2019311609	Priothera Limited	2021215129	Adobe Inc.
2019314265	XR Reserve LLC	2021220232	FMC Kongsberg Subsea AS
2019316626	Lufthansa Technik AG	2021229138	MedImmune, LLC; Humabs Biomed SA
2019317604	ESS Tech, Inc.	2021236230	Sigma-Aldrich Co. LLC
2019319227	ESS Tech, Inc.	2021239972	RMH Tech LLC
2019319541	Ellepot A/S	2021248557	SharkNinja Operating LLC
2019321865	LITHTECH INDUSTRIES PTY LTD	2021249010	Gilead Sciences, Inc.
2019323823	O&M Halyard, Inc.	2021254011	Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation
2019324525	Naiture GmbH & Co. KG	2021261881	NantBio, Inc.
2019336038	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2021268338	The Procter & Gamble Company
2019336675	Incyte Corporation	2021268653	The Procter & Gamble Company
2019339408	Haso Ltd.; Nice-Pak Products, Inc.	2021269615	Vivo Mobile Communication Co., Ltd.
2019341273	F. HOFFMANN-LA ROCHE AG	2021271803	Minnetronix Neuro, Inc.
2019344594	Teva Pharmaceuticals International GmbH	2021271961	Joint Biosciences (SH) Ltd.
2019348038	TurnCare, Inc.	2021273525	Consortio Centro de Investigacion Biomedica en Red, M.P.; Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas, O.A., M.P.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz; Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus
2019349597	Hilti Aktiengesellschaft	2021273654	Jusand Nominees Pty Ltd
2019350592	Novartis AG	2021274437	Taroko Door & Window Technologies, Inc.
2019350660	Amgen Inc.	2021281774	Nippon Steel Corporation
2019352154	Yoshino Gypsum Co., Ltd.	2021282233	Inventio AG
2019352456	Aqua Clean Tas Pty Ltd	2021292673	Yamamoto Foods Corporation
2019356570	Valeda Company, LLC	2021301176	Telefonaktiebolaget LM Ericsson (Publ)
2019357958	Rebound Therapeutics Corporation	2021302335	Inventio AG
2019361919	Amgen Inc.	2021308253	Huawei Technologies Co., Ltd.
2019362061	The University of British Columbia; Provincial Health Services Authority; ESSA Pharma, Inc.	2021314201	International Business Machines Corporation
2019363551	Plasser & Theurer Export von Bahnbaumaschinen GmbH	2021323751	Huawei Technologies Co., Ltd.
2019364624	The Chemours Company FC, LLC	2021323853	Zhejiang Hisun Animal Health Products Co., Ltd.
2019364688	Securetec Detektions-Systeme AG	2021333596	The Procter & Gamble Company
2019373784	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2021335341	The Procter & Gamble Company
2019379514	Lindsay Transportation Solutions, LLC	2021343372	HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY
2019382966	Tokamak Energy Ltd	2021347106	Boston Scientific Scimed, Inc.
2019384705	Acies Medical LLC	2021347148	Boston Scientific Scimed, Inc.
2019385558	Sandvik Mining and Construction Tools AB	2021352876	WUHU MIDEA KITCHEN AND BATH APPLIANCES MFG. CO., LTD.; MIDEA GROUP CO., LTD.
2019390237	Halliburton Energy Services, Inc.	2021353687	BYD COMPANY LIMITED
2019391329	Les Laboratoires Servier; Vernalis (R&D) Limited	2021354276	CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED
2019407845	Rio Tinto Alcan International Limited	2021356901	Mitsubishi Heavy Industries, Ltd.
2019407867	Merz Pharma GmbH & Co. KGaA	2021357705	XWPHARMA LTD.
2019408011	Abanza Tecnomed, S.L.	2021358831	Carnival Corporation
2019416224	Eaton Intelligent Power Limited	2021361513	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
2019441236	Halliburton Energy Services, Inc.	2021365921	Komatsu Ltd.
2020201678	Innovative Tools Australia Pty Ltd	2021369794	STARFIRE SYSTEMS, INC.
2020220472	Sacyr Concesiones S.L.	2021370898	TEH YOR CO., LTD.
2020231014	Seal Network B.V.	2021374656	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2020271401	SPD Swiss Precision Diagnostics GmbH	2021376377	THE GILLETTE COMPANY LLC
2020272376	Green Cross Corporation; Mogam Institute for Biomedical Research	2021378511	3M INNOVATIVE PROPERTIES COMPANY
2020272937	Nurix Therapeutics, Inc.	2021379686	BAKER HUGHES OILFIELD OPERATIONS LLC
2020277332	Gilead Sciences, Inc.	2021382111	WONDERLAND SWITZERLAND AG
2020309498	Cisco Technology, Inc.	2021385532	ECOLAB USA INC.
2020333461	Illumina, Inc.	2021388036	COLGATE-PALMOLIVE COMPANY
2020337837	DraftKings, Inc.	2021394573	INTERNATIONAL BUSINESS MACHINES CORPORATION
2020366350	Lovevery, Inc.	2021399108	SIEMENS MOBILITY AUSTRIA GMBH
2020372832	Prime Reach Trading Limited	2021401910	SOMEONE IS ME, LLC
2020374923	Institute of Materia Medica, Chinese Academy of Medical Sciences		
2020406172	CRRC Meishan Co., Ltd.		
2020420368	SCM Lifescience Co., Ltd.		
2020426558	CJ Cheiljedang Corporation		
2020446636	Dematic GmbH; Dematic Pty. Ltd.		
2020467306	NANJING IRON & STEEL CO., LTD.		
2020470046	NANJING IRON & STEEL CO., LTD.		

Applications Accepted - Numerical Index cont'd

2021416320	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022271374	Kao, J.C.
2021417219	AMERICAN STERILIZER COMPANY	2022272729	DANIMER IPCO, LLC
2021417736	PPG INDUSTRIES OHIO, INC.	2022275515	Takeda Vaccines, Inc.
2021418973	EARTHGRID PBC	2022279448	Globeride, Inc.
2021429428	MITSUBISHI ELECTRIC CORPORATION	2022283785	Lumen International Holdings Pty Ltd
2021429754	CRRC Qiqihar Rolling Stock Co., Ltd.	2022287654	Transport Authority Inc.
2021432534	MITSUBISHI ELECTRIC CORPORATION; MITSUBISHI ELECTRIC HOME APPLIANCE CO., LTD.	2022291501	Unger, E.C.
2021432832	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2022291668	Amgen Inc.
2021440929	LEAR CORPORATION	2022293912	SIEMENS MOBILITY GMBH
2021446162	SINO IRON HOLDINGS PTY LTD	2022316518	Hyundai Oilbank Co., Ltd.; Wooroung Co., Ltd
2021446333	BARD PERIPHERAL VASCULAR, INC.	2022318156	N.V. NUTRICIA
2021451244	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2022319215	NANJING UNIVERSITY OF AERONAUTICS AND ASTRONAUTICS
2021460795	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.	2022320553	Dracoterpin Biomedicine LLC
2021479724	TAIYUAN UNIVERSITY OF TECHNOLOGY; LIBO HEAVY INDUSTRIES SCIENCE & TECHNOLOGY CO., LTD.; TAIYUAN BOSHITONG MACHINERY, ELECTRICAL AND HYDRAULIC ENGINEERING CO., LTD.	2022322257	HOYA TECHNOSURGICAL CORPORATION
2022200807	vArmour Networks, Inc.	2022377166	CONOCOPHILLIPS COMPANY
2022201132	Pioneer Hi-Bred International, Inc.	2022430006	3R LIFE SCIENCES CORPORATION
2022201342	UPL Limited	2022456752	ZTE CORPORATION
2022201934	Nicoventures Trading Limited	2023200259	Getac Technology Corporation
2022202872	Fisher & Paykel Healthcare Limited	2023200498	YETI Coolers, LLC
2022203860	Fisher & Paykel Healthcare Limited	2023201044	TTI (Macao Commercial Offshore) Limited
2022204070	J. Ray McDermott, S.A.	2023201056	BIORA THERAPEUTICS, INC.
2022204202	Lentigen Technology, Inc.	2023201226	Tink, R.
2022204327	Transportation IP Holdings, LLC	2023201426	International Paper Company
2022204689	Terra Quantum AG	2023201521	Deka Products Limited Partnership
2022205169	Autolus Limited	2023201573	Getac Technology Corporation
2022206545	FREEZIO AG	2023201709	Ascendis Pharma Growth Disorders A/S
2022206772	Coupler Solutions Limited	2023202016	Azira LLC
2022209230	Reflex Instruments Asia Pacific Pty Ltd	2023202077	The Board Of Trustees Of The Leland Stanford Junior University
2022210051	OLIVIER NV	2023202214	Google LLC
2022210644	BOMBARDIER TRANSPORTATION GMBH	2023202522	Acer Incorporated
2022215301	Aclarion, Inc.; The Regents of the University of California	2023202725	Tencent America LLC
2022218471	Snap-on Incorporated	2023202879	Wonderland Switzerland AG
2022218568	SulfiLogger A/S	2023202890	Tritana Intellectual Property Ltd.
2022220656	EAGLEBURGMANN GERMANY GMBH & CO. KG	2023203058	TOOTHFILM INC.
2022221430	Applied Medical Resources Corporation	2023203062	LG Electronics Inc.
2022223374	BLACK CAT WEAR PARTS LTD.	2023203068	Getac Technology Corporation
2022224753	Mizuho Orthopedic Systems, Inc.	2023203238	EMEH, Inc.
2022227807	INTERNATIONAL BUSINESS MACHINES CORPORATION	2023203269	Exterminex (Australia) Pty Ltd
2022229656	ELONROAD AB	2023203315	Willand (Beijing) Technology Co., LTD.
2022231690	Edwards Lifesciences Corporation	2023203955	IHI Corporation
2022233180	ZHANG, X.; ACCRO BIOSCIENCE (HK) LIMITED	2023204232	Tencent America LLC
2022233255	INTERNATIONAL BUSINESS MACHINES CORPORATION	2023204234	Sedonasys Systems Ltd
2022233704	UNIVERSITEIT GENT	2023204640	Spin Master, Inc.
2022241546	Brighten Optix Corp.; nthalmic holding Pty Ltd	2023204674	BIOCONIX PTY LTD.
2022246394	SUPERSONIC IMAGINE	2023208191	NTT DOCOMO, INC.
2022247599	HUAWEI TECHNOLOGIES CO., LTD.	2023210667	Nippon Steel Corporation
2022247854	TONGWEI SOLAR (ANHUI) CO., LTD.; TONGWEI SOLAR (JINTANG) CO., LTD.	2023214292	KABUSHIKI KAISHA TOSHIBA
2022249476	JFE STEEL CORPORATION	2023216767	Clear Intradermal Technologies, Inc.
2022252762	Taiwan Mercury Medical Corporation	2023219909	Motion Metrics International Corp.
2022253213	ZEBRA TECHNOLOGIES CORPORATION	2023226400	BORDO INTERNATIONAL PTY. LTD.
2022254772	GOOGLE LLC	2023226782	ARCTECH SOLAR HOLDING CO., LTD.
2022255675	TRITANA INTELLECTUAL PROPERTY LTD.	2023229512	MVRX, Inc.
2022256136	Polaris Industries Inc.	2023229532	Checkmate Pharmaceuticals, Inc.
2022263544	Pfizer Inc.	2023229548	Velano Vascular, Inc.
2022264819	SIEMENS GAMESA RENEWABLE ENERGY INNOVATION & TECHNOLOGY S.L.	2023245795	OPTIVOLT LABS, INC.
2022268303	JHUNJHUNWALA, S.	2023270187	Google LLC
2022268316	LANDA LABS (2012) LTD.	2023278056	NantG Mobile, LLC
2022270565	CONMED CORPORATION	2023282312	Trina Solar Co., Ltd.
		2024202053	LightForce Orthodontics, Inc.
		2024202376	WELLDLOC, INC.
		2024203224	Ruff, S.
		2024203982	VERSUNI HOLDING B.V.
		2024204161	Poly Gain Pte Ltd
		2024213129	Hanshow Technology Co., Ltd.

IPC Index

<u>A01C 15 /-</u>	<u>A01K 43 /-</u>	<u>A21C 1 /-</u>	2019323823	2021314201	2021378511
2019268186	2019276054	2021292673	<u>A45D 34 /-</u>	2021347106	<u>A61G 12 /-</u>
<u>A01C 23 /-</u>	<u>A01K 45 /-</u>	<u>A21C 3 /-</u>	2019274495	2021347148	2021417219
2018267572	2019276054	2021292673	<u>A45D 40 /-</u>	2023201056	<u>A61B 10 /-</u>
<u>A01C 7 /-</u>	<u>A01K 63 /-</u>	<u>A23J 1 /-</u>	2019274495	2019364688	<u>A61G 3 /-</u>
2018204381	2019352456	2021335341	2019274495	2019356570	<u>A61G 7 /-</u>
2019268186	<u>A01K 89 /-</u>	<u>A23J 3 /-</u>	2022268316	<u>A61B 17 /-</u>	2019237526
<u>A01D 101 /-</u>	2022279448	2018391478	<u>A45F 5 /-</u>	2020476670	2019348038
2023201044	<u>A01M 1 /-</u>	<u>A23K 10 /-</u>	2019237543	2022270565	<u>A61J 3 /-</u>
<u>A01D 23 /-</u>	2023203269	2024204161	<u>A46B 13 /-</u>	2024203224	2022252762
2018205113	<u>A01M 7 /-</u>	<u>A23K 20 /-</u>	2019274495	<u>A61B 18 /-</u>	2022287654
<u>A01D 34 /-</u>	2018205113	2024204161	<u>A46B 15 /-</u>	2019307239	<u>A61K 31 /-</u>
2023201044	2018267572	<u>A23K 50 /-</u>	2019274495	2019357958	2017348624
2023203315	<u>A01N 25 /-</u>	2024204161	<u>A46B 5 /-</u>	2023216767	2018337076
<u>A01D 41 /-</u>	2019247482	<u>A23L 19 /-</u>	2019274495	<u>A61B 34 /-</u>	2018341091
2022255675	2019281147	2022287654	<u>A46B 5 /-</u>	2018346790	2018341331
2023202890	2022201342	<u>A23L 29 /-</u>	2021376377	<u>A61B 5 /-</u>	2018348796
<u>A01D 45 /-</u>	2023203269	2022318156	<u>A47C 27 /-</u>	2019364688	2018350825
2018222901	<u>A01N 35 /-</u>	2019237526	2018328752	2019384705	2018392780
2018279050	2019247482	2023204640	2019237526	2022204689	2019256801
<u>A01F 12 /-</u>	<u>A01N 41 /-</u>	<u>A23L 33 /-</u>	2021207544	2022215301	2019264475
2023202890	2022201342	2022318156	<u>A47D 11 /-</u>	<u>A61B 8 /-</u>	2019265313
<u>A01G 24 /-</u>	<u>A01N 43 /-</u>	<u>A23L 5 /-</u>	<u>A47D 9 /-</u>	2022246394	2019275068
2019319541	2019281147	2019290638	<u>A47D 11 /-</u>	<u>A61B 90 /-</u>	2019275493
<u>A01G 25 /-</u>	2022201342	2021382111	2021207544	2019296118	2019311609
2018205113	<u>A01N 47 /-</u>	<u>A23L 7 /-</u>	<u>A47D 9 /-</u>	2019336675	2019336675
<u>A01G 3 /-</u>	2019281147	2021292673	<u>A23L 5 /-</u>	2019341273	2019350592
2018333267	2023203269	2023200498	<u>A23L 7 /-</u>	2020476670	2019362061
<u>A01G 9 /-</u>	<u>A01N 51 /-</u>	2021248557	<u>A23L 5 /-</u>	2021417219	2019391329
2019319541	2019281147	2021378511	<u>A23L 7 /-</u>	<u>A61C 7 /-</u>	2020272937
<u>A01H 1 /-</u>	<u>A01N 57 /-</u>	2023200498	<u>A23P 10 /-</u>	2024202053	2020372832
2022201132	<u>A01N 65 /-</u>	2021292673	<u>A23P 10 /-</u>	<u>A61F 11 /-</u>	2021209689
<u>A01H 5 /-</u>	2019234566	2022287654	2022318156	2021249010	2021323853
2019200031	<u>A01P 3 /-</u>	<u>A24B 3 /-</u>	2021248557	2021357705	2021357705
2022201132	2019281147	2019223424	<u>A23P 20 /-</u>	2022233180	2022291501
<u>A01H 6 /-</u>	<u>A01P 7 /-</u>	<u>A24F 47 /-</u>	<u>A23P 20 /-</u>	2023201709	2023201709
2019200031	2019247482	2019223424	<u>A23P 20 /-</u>	<u>A61K 33 /-</u>	2018348796
<u>A01J 11 /-</u>	2019281147	2022201934	<u>A23P 20 /-</u>	<u>A61K 35 /-</u>	2018219292
2019204485	<u>A42B 3 /-</u>	2019323823	<u>A23P 20 /-</u>	2018248899	2018303287
		2021378511	<u>A23P 20 /-</u>	2020420368	2021271961
		<u>A42B 3 /-</u>	<u>A41D 13 /-</u>	2021271961	<u>A61K 36 /-</u>
			<u>A47J 36 /-</u>	<u>A61K 38 /-</u>	
			2024203982		
			<u>A47J 37 /-</u>		
			2024203982		
			<u>A47K 7 /-</u>		
			2019274495		
			<u>A61B 1 /-</u>		
			2019384705		
			<u>A61F 5 /-</u>		
			2018385787		
			2019348038		
			<u>A61F 9 /-</u>		
			2019274495		

Applications Accepted - IPC Index cont'd

2017305524	2019407867	A61M 60/-	A61P 35/-	B01D 21/-	2022319215
2017362500	2021268338				
2018219292	2021268653	2022430006	2017306426	2019282375	B22C 9/-
2018228785	2022268316		2017317124		
2018294517	2023203058	A61N 1/-	2017348624	B01D 27/-	2022319215
2018303287	2023216767		2017348734		
2018313253		2021374656	2018219292	2018353976	B23B 31/-
2018318074	A61K 9/-		2018280868		
2018326556		A61N 5/-	2018280871	B01D 3/-	2024203224
2018337076	2018303287		2018350825		
2018375183	2018337076	2019307239	2019264475	2019200845	B23B 51/-
2018392780	2019275068		2019311609		
2019227641	2021209689	A61P 1/-	2019341273	B01D 33/-	2023226400
2019234654	2021323853		2019350592		2024203224
2019270464	2021357705	2024204161	2019391329	2022263544	
2020374923	2022291501	A61P 11/-	2020272376	B01D 37/-	B23K 1/-
2021202578			2020272937		2023282312
2022233704	A61L 15/-	2017362500	2021202158	2018353976	
2022320553		2020374923	2021249010		B23K 3/-
2023201709	2018385787		2021271961	B01D 53/-	
		A61P 15/-	2022291501		2023282312
A61K 39/-	A61L 27/-		2022320553	2021432534	
		2018326556		B01D 61/-	B23K 37/-
2017299162	2019230193		A61P 37/-		2023282312
2017306426		A61P 17/-		2019321865	
2017313405	A61L 29/-		2018350825		B24D 7/-
2017317124		2022233704	2019391329	B01J 23/-	
2017321423	2018379990		2020272937		2020201678
2017348624		A61P 21/-	2020420368	2021361513	
2017348734	A61L 9/-		2022320553		B25B 13/-
2017357679		2018392780		B01J 3/-	
2017367691	2021432534	2019288291	A61P 43/-		2024203224
2018263935				2019200845	
2018280868	A61M 1/-	A61P 25/-	2021357705		B25B 23/-
2018280871				B01J 8/-	
2018392780	2018398377	2018341091	A61P 5/-		2022271374
2019227641	2021271803	2018341331		2022316518	2024203224
2019344594	2022270565	2019256801	2019270464		
2020277332		2019275493		B01L 3/-	B25B 27/-
2021229138	A61M 13/-	2020374923	A61P 7/-		
2021271961		2021209689		2021416320	2022218471
2022291501	2022270565	2021357705	2017317124	2022263544	2024203224
	A61M 15/-	A61P 27/-	A61P 9/-	B05B 1/-	B25C 1/-
A61K 45/-					
	2019223424	2018337076	2020374923	2018267572	2018250391
2017321423		2022233704			2019284510
2018341091	A61M 16/-		A61Q 1/-	B05B 11/-	
2018341331		A61P 29/-			B25D 1/-
	2021401910		2023216767	2021388036	
A61K 47/-	2022202872	2020374923	A61Q 11/-		2022218471
	2022203860	2021249010		B05C 17/-	
2018350825		A61P 3/-	2021268338		B25D 17/-
2018364114	A61M 25/-		2021268653	2019304983	
2019270464		2017321423	2023203058		2022218471
2019275068	2018385787	2018392780		B08B 1/-	
2021209689	2021347106		A61Q 5/-		B25H 3/-
2021271961	2023229548	A61P 31/-		2019352456	
2021323853			2018370210		2022271374
2022320553	A61M 31/-	2018348796	2022268316	B08B 3/-	
2023201709		2018350825			B28C 5/-
	2023201056	2019265313	A63F 1/-	2019316626	
A61K 48/-	A61M 39/-	2020277332			2019236670
		2020374923	2020231014	B08B 9/-	
2017301819	2021446333	2021229138			B28D 1/-
2019288291		2024204161	A63H 17/-	2019229666	
2021202158	A61M 5/-			2019316626	2020201678
2021271961		A61P 33/-	2020366350		
	2019344594			B21B 37/-	B29C 45/-
A61K 8/-	2019350660	2021323853	A63H 33/-		
	2019361919	2024204161		2020470046	2021376377
2018248899	2022291668		2020366350		
2018370210				B22C 1/-	B32B 1/-
2019339408					

Applications Accepted - IPC Index cont'd

2021333596	<u>B60L 7 /-</u>	2018340871	<u>B65D 85 /-</u>	<u>C02F 103 /-</u>	2020372832
<u>B32B 27 /-</u>	2022210644	<u>B63B 21 /-</u>	2019302717	2019282375	<u>C07D 487 /-</u>
2021333596	<u>B60L 9 /-</u>	2019244313	<u>B65G 1 /-</u>	<u>C03B 3 /-</u>	2019256801
2021417736	2022229656	<u>B63B 35 /-</u>	2020446636	2019211149	2019336675
<u>B32B 7 /-</u>	<u>B60M 1 /-</u>	2019244313	<u>B65G 23 /-</u>	<u>C04B 35 /-</u>	<u>C07D 491 /-</u>
2021417736	2022229656	<u>B63B 59 /-</u>	2021479724	2021369794	2019350592
<u>B32B 9 /-</u>	<u>B60M 7 /-</u>	2019229666	<u>B65G 39 /-</u>	<u>C07B 61 /-</u>	2020272937
2019352154	2022229656	2019352456	2019314265	2021361513	2019256801
<u>B33Y 30 /-</u>	<u>B60N 2 /-</u>	<u>B64C 27 /-</u>	<u>B65G 43 /-</u>	<u>C07C 1 /-</u>	2019391329
2022319215	2019356570	2018311641	2020446636	2021361513	<u>C07D 513 /-</u>
<u>B33Y 40 /-</u>	<u>B60P 3 /-</u>	<u>B64C 29 /-</u>	<u>B65G 47 /-</u>	<u>C07C 15 /-</u>	2019256801
2022319215	2019236670	2018311641	2018255507	2019362061	<u>C07F 7 /-</u>
<u>B33Y 70 /-</u>	<u>B60R 16 /-</u>	<u>B64C 39 /-</u>	2019300981	<u>C07C 311 /-</u>	2019264447
2019230193	2022283785	2019240294	2021254011	2019362061	<u>C07F 9 /-</u>
2022319215	<u>B60R 21 /-</u>	<u>B64D 1 /-</u>	<u>B65G 57 /-</u>	<u>C07C 327 /-</u>	2022233180
<u>B33Y 80 /-</u>	2019356570	2018380968	2018255507	2019275068	<u>C07H 21 /-</u>
2019230193	<u>B60T 17 /-</u>	<u>B64F 1 /-</u>	<u>B65G 59 /-</u>	<u>C07C 41 /-</u>	2022201132
<u>B60B 17 /-</u>	2023201226	2019240294	2018255507	2019290638	<u>C07K 1 /-</u>
2018443227	<u>B60W 30 /-</u>	<u>B64F 5 /-</u>	<u>B65G 61 /-</u>	<u>C07C 43 /-</u>	2018391478
<u>B60G 21 /-</u>	2022256136	2019316626	2018255507	2019290638	<u>C07K 14 /-</u>
2018340871	<u>B61D 3 /-</u>	<u>B65B 31 /-</u>	<u>B66B 3 /-</u>	<u>C07C 9 /-</u>	2017367691
<u>B60G 3 /-</u>	2021429754	2018328752	2021302335	2021361513	2019218785
2018340871	<u>B61F 15 /-</u>	<u>B65B 35 /-</u>	<u>B66B 5 /-</u>	<u>C07D 213 /-</u>	2019227641
<u>B60K 1 /-</u>	2020406172	2018255507	2021302335	2019350592	2019234566
2021353687	<u>B61F 5 /-</u>	2019300981	<u>B66C 1 /-</u>	<u>C07D 245 /-</u>	2019234654
<u>B60K 6 /-</u>	2019201848	2019300981	2018380968	2019275068	2019288291
2022256136	2020406172	<u>B65B 51 /-</u>	<u>B66D 3 /-</u>	<u>C07D 401 /-</u>	2020374923
<u>B60L 1 /-</u>	<u>B61K 9 /-</u>	2019319541	2019244313	2019275493	2021202158
2022204327	2021213831	<u>B65B 63 /-</u>	<u>B67D 1 /-</u>	2019350592	2022205169
2022210644	<u>B61L 23 /-</u>	2018328752	2022206545	2020272937	2022320553
<u>B60L 15 /-</u>	2021213831	<u>B65B 9 /-</u>	<u>B82Y 10 /-</u>	<u>C07D 403 /-</u>	2017367691
2019222634	<u>B61L 27 /-</u>	2019319541	2023270187	2019264475	2018263935
2022204327	2021213831	<u>B65D 5 /-</u>	<u>C01B 3 /-</u>	2019341273	2018280868
<u>B60L 5 /-</u>	2022293912	2018253482	2019264447	<u>C07D 405 /-</u>	2018280871
2022210644	<u>B62B 9 /-</u>	<u>B65D 71 /-</u>	<u>C01F 11 /-</u>	2020272937	2019234654
2022229656	2023202879	2019302717	2022316518	2020272937	2020272376
<u>B60L 50 /-</u>	2018340871	<u>B65D 83 /-</u>	<u>C02F 1 /-</u>	<u>C07D 417 /-</u>	2021202158
2022210644	<u>B62D 9 /-</u>	2021388036	2018353976	2019296118	2021229138
2023201044	2018340871	<u>B62K 5 /-</u>	2019282375	<u>C07D 471 /-</u>	2022205169
<u>B60L 58 /-</u>	2022204327			2019336675	2022275515
2022204327				2020272937	2022275515
					<u>C07K 19 /-</u>
					2021202578
					2022320553
					<u>C08B 15 /-</u>

Applications Accepted - IPC Index cont'd

2023201426	<u>C12C 12/-</u>	2017299162	<u>D21C 9/-</u>	<u>E04C 5/-</u>	
<u>C08B 37/-</u>	2018441502	2017301819			<u>E21B 25/-</u>
2019407867	<u>C12C 7/-</u>	2017362500	2023201426	2022206772	2022209230
<u>C08G 63/-</u>	2018441502	2018256358	<u>D21H 11/-</u>	<u>E04D 1/-</u>	<u>E21B 33/-</u>
2022272729	<u>C12G 1/-</u>	2018261007			2018429381
<u>C08G 65/-</u>	2019258975	2021273525	2023201426	2018388874	2021379686
2021417736	<u>C12H 1/-</u>	<u>C12R 1/-</u>	<u>E01B 27/-</u>	<u>E04D 13/-</u>	<u>E21B 34/-</u>
<u>C08G 77/-</u>	2018441502	2018248899	2019363551	2018388874	2019390237
2019264447	<u>C12M 1/-</u>	<u>C21B 13/-</u>	<u>E01C 11/-</u>	<u>E04F 11/-</u>	2019441236
2021417736		2021281774	2018200999	2023203238	2021379686
<u>C08G 79/-</u>	2018261007	<u>C21D 8/-</u>	<u>E01F 9/-</u>	<u>E04F 13/-</u>	<u>E21B 36/-</u>
2021369794	<u>C12N 1/-</u>	2020467306	<u>E02B 3/-</u>	2019352154	2021220232
<u>C08J 3/-</u>	2018248899	2022249476		2021239972	<u>E21B 41/-</u>
2019407867	<u>C12N 15/-</u>	<u>C22B 26/-</u>	<u>E02D 27/-</u>	<u>E04F 15/-</u>	2021220232
<u>C08L 5/-</u>	2017301819	2019321865	<u>E02D 3/-</u>	2018226393	<u>E21B 43/-</u>
2019407867	2017306426	<u>C22B 30/-</u>	<u>E02D 3/-</u>	<u>E04H 12/-</u>	2018433057
<u>C08L 67/-</u>	2017317124	2018232890		2018388874	2021220232
2022272729	2018227442	<u>C22B 43/-</u>	<u>E02D 5/-</u>	<u>E04H 4/-</u>	2022377166
<u>C09C 1/-</u>	2018394287	2019200845	2018353790	2019352456	<u>E21B 47/-</u>
2018408822	2019218785	<u>C22C 18/-</u>	<u>E02F 3/-</u>	<u>E04H 9/-</u>	2022209230
<u>C09K 5/-</u>	2019234566	2023210667	<u>E02F 9/-</u>	2023203238	2022377166
2019364624	2020374923	<u>C22C 38/-</u>	<u>E02F 9/-</u>	<u>E05C 17/-</u>	<u>E21B 49/-</u>
<u>C09K 8/-</u>	2020426558	2020467306	2019295354	2021399108	2022209230
2018429381	2021202158	2020470046	2019295357	<u>E05D 11/-</u>	2022377166
<u>C10G 2/-</u>	2021261881	2022249476	2021365921	2019379514	<u>E21B 7/-</u>
2021361513	2021273525	<u>C23C 2/-</u>	<u>E02F 9/-</u>	<u>E05D 15/-</u>	2018352462
<u>C10G 31/-</u>	2022320553	2023210667	2021365921	2021274437	2021418973
2019200845	2023229532	<u>C23C 24/-</u>	2022223374	<u>E06B 1/-</u>	<u>E21C 27/-</u>
<u>C11B 15/-</u>	2022205169	2019314265	2023219909	2019233509	2019385558
2022318156	<u>C12N 7/-</u>	<u>C25B 1/-</u>	<u>E03B 3/-</u>	<u>E06B 3/-</u>	<u>E21C 37/-</u>
<u>C11D 1/-</u>	2018394287	2019321865	2019265024	2021274437	2021418973
2021385532	2021261881	<u>C25C 3/-</u>	<u>E03F 5/-</u>	<u>E06B 9/-</u>	<u>E21D 20/-</u>
<u>C11D 11/-</u>	2021271961	2019407845	<u>E04B 1/-</u>	2019299688	2021273654
2021385532	2022275515	<u>D03D 13/-</u>	2018200999	2021370898	2021273654
<u>C11D 3/-</u>		2022268303	2019349597	<u>E21B 10/-</u>	<u>E21D 9/-</u>
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<u>C12C 11/-</u>	2020426558	2022268303	2023203238	2019385558	<u>F01D 25/-</u>
2018441502	<u>C12Q 1/-</u>	<u>D04B 21/-</u>	<u>E04B 2/-</u>	<u>E21B 17/-</u>	2019316626
		2021440929	<u>E04B 5/-</u>	2017439375	<u>F03D 13/-</u>
		<u>D21C 3/-</u>	2018226393	2021273654	2018382243
		2023201426	<u>E04C 2/-</u>	2022210051	<u>F15B 15/-</u>
			2019352154	<u>E21B 23/-</u>	
				2021379686	2022224753

Applications Accepted - IPC Index cont'd

F16B 2 /-	2022201934	G01N 15 /-	2022246394	G05F 1 /-	G06Q 10 /-
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F16B 5 /-	2021378511	G01N 21 /-	2021417736	G06F 1 /-	G06Q 20 /-
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F16C 11 /-	2018363236	2021356901	2019218371	G06F 13 /-	G06Q 30 /-
2022224753	F21S 41 /-	2021417736	G02B 15 /-	2019252429	2018279024
F16C 29 /-	2021417736	G01N 25 /-	2019218371	G06F 15 /-	G06T 11 /-
2019314265	F21S 8 /-	2020333461	G02B 23 /-	2023204234	2021200649
F16C 33 /-	2020220472	G01N 27 /-	2022322257	2024202376	G06T 13 /-
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2021417219	F23J 11 /-	G01N 31 /-	G02B 26 /-	2022200807	2021215129
F16D 66 /-	2021352876	2021356901	2019244446	2022254772	2021215129
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F16F 1 /-	2021352876	2017317124	G02B 3 /-	2023202016	2021215129
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2022204070	G01B 7 /-	2021417736	2023201044	2022233255	2022221430
F16L 13 /-	2021446162	2022246394	2023203315	G06N 20 /-	G09G 3 /-
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		2019268041		G06N 99 /-	
				2023270187	

Applications Accepted - IPC Index cont'd

2023208191	2023245795	2023278056
<u>G10L 21 /-</u>	<u>H02J 7 /-</u>	<u>H04L 7 /-</u>
2019271730	2022204327	2022293912
<u>G16H 20 /-</u>	2023201573	<u>H04L 9 /-</u>
2024202376	<u>H02K 7 /-</u>	2021394573
<u>G16H 40 /-</u>	2020406172	<u>H04N 1 /-</u>
2023201521	<u>H02M 1 /-</u>	2019252429
<u>G16H 50 /-</u>	2022264819	<u>H04N 19 /-</u>
2018399217	<u>H02M 5 /-</u>	2019336038
<u>H01F 6 /-</u>	2022264819	2023202725
2019382966	<u>H02P 13 /-</u>	2023203062
<u>H01H 85 /-</u>	2022264819	2023204232
2022283785	<u>H02S 20 /-</u>	2023214292
<u>H01H 9 /-</u>	2018388874	<u>H04N 5 /-</u>
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<u>H01J 3 /-</u>	<u>H02S 40 /-</u>	<u>H04R 3 /-</u>
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<u>H01L 21 /-</u>	<u>H03M 7 /-</u>	<u>H04W 12 /-</u>
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<u>H01L 31 /-</u>	<u>H04B 1 /-</u>	2023278056
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<u>H01M 10 /-</u>	<u>H04B 10 /-</u>	2018279024
2023201573	2019244446	2021301176
<u>H01M 50 /-</u>	<u>H04B 5 /-</u>	2021308253
2021354276	2021358831	2021358831
<u>H01M 8 /-</u>	<u>H04B 7 /-</u>	2022253213
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<u>H01Q 1 /-</u>	2023202522	<u>H04W 52 /-</u>
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<u>H02B 1 /-</u>	2020309498	2019373784
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<u>H02J 13 /-</u>	2020309498	2021323751
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		<u>H05K 7 /-</u>
		2023200259

Certified Innovation Patents**Name Index**

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

(71) Earthmoving Industry Engineering Pty
Ltd

(11) AU-B-2024100025

(21) 2024100025 **(22)** 05.08.2024

(54) COUPLER FOR AN EXCAVATOR

(51) Int. Cl.

E02F 3/36 (2006.01)

(45) 26.09.2024

(62) 2021107672

(72) HE, Zhengyu; MASON, Adrian

(74) Griffith Hack

Numerical Index

2024100025 Earthmoving Industry Engineering Pty Ltd

IPC Index

E02F 3 /-

2024100025

Patents Granted

Standard Patents

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2017331277	2017363142	2017419352	2017420074
2017429594	2018201919	2018202059	2018205202
2018205730	2018206769	2018210388	2018211014
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2022202948	2022202970	2022202984	2022202996
2022203290	2022203583	2022203681	2022203724

Patents Granted

Standard Patents

2022203887	2022204566	2022204571	2022204591
2022204712	2022204900	2022205217	2022205275
2022206749	2022206778	2022211848	2022211899
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2023203357	2023222920	2023237217	2023274071
2024202313			

Offer to Surrender

It is hereby notified that **DIT AgTech Limited PO Box 2822 , Too-woomba QLD 4350** , the Patentee of Patent 2021105299 dated 22.09.2021 for an invention titled ' A method of reducing methane production in a ruminant animal' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **Janssen Biotech, Inc. 800/850 Ridgeview Drive , Horsham Pennsylvania 19044** , the Patentee of Patent 2023100041 dated 07.06.2023 for an invention titled ' Safe and effective method of treating ulcerative colitis with anti-il12/il23 antibody' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **Janssen Biotech, Inc. 800/850 Ridgeview Drive , Horsham Pennsylvania 19044** , the Patentee of Patent 2023100042 dated 07.06.2023 for an invention titled ' Safe and effective method of treating ulcerative colitis with anti-il12/il23 antibody' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Revocation

It is hereby notified that as a consequence of a decision by the Commissioner dated 17.09.2024 , Patent 2023100034 in the name of **SJC IP Holdings Pty Ltd** has been revoked in relation to a re-examination and subsequent revocation under Section 101(1) of the Patents Act.

Assignments Registered

2004313395 Pole Foundations Technology Pty Ltd The patent has been assigned to **Genus PFA Pty Ltd**

2005220607 Novozymes Biologicals Holding A/S The patent has been assigned to **Novonosis Plant Biosolutions A/S**

2005299242 Pole Foundations Technology Pty Ltd The patent has been assigned to **Genus PFA Pty Ltd**

2007325094 Paradigm Spine, LLC The patent has been assigned to **Xtant Medical, Inc.**

2008278976 Zionexa The patent has been assigned to **GE Healthcare Limited**

2012357896 Bayer CropScience AG; Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience AG; Bayer CropScience Aktiengesellschaft**

Assignments Registered

- 2012358046 Bayer CropScience AG; Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience AG; Bayer CropScience Aktiengesellschaft**
- 2013211708 Bayer CropScience AG; Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience AG; Bayer CropScience Aktiengesellschaft**
- 2013276989 REM Enterprises Inc. The patent has been assigned to **Ag Growth International Inc.**
- 2014200361 REM Enterprises Inc. The patent has been assigned to **Ag Growth International Inc.**
- 2014200937 Paradigm Spine, LLC The patent has been assigned to **Xtant Medical, Inc.**
- 2014331236 Bayer CropScience Aktiengesellschaft The patent has been assigned to **Bayer CropScience Aktiengesellschaft; Bayer CropScience Aktiengesellschaft**
- 2015261700 Roma Pizza Restaurant Pty Ltd The patent has been assigned to **Bee Bee Group Pty Ltd**
- 2016204322 Bayer CropScience AG; Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience AG; Bayer CropScience Aktiengesellschaft**
- 2016235005 Paradigm Spine, LLC The patent has been assigned to **Xtant Medical, Inc.**
- 2016250453 Bayer CropScience AG; Bayer Intellectual Property GmbH The patent has been assigned to **Bayer CropScience AG; Bayer CropScience Aktiengesellschaft**
- 2018203649 PROGENA INC. The patent has been assigned to **Cell Therapy Holdings, LLC**
- 2019384425 UD System Co., Ltd. The patent has been assigned to **Universal Care Co., Ltd.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

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

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

For the goods ZOLGENSMA onasemnogene abeparvovec

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.

- 2020202970 **Ainylam Pharmaceuticals, Inc.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI**

The earliest first regulatory approval date provided by the patentee 28 Nov 2023

For the goods GIVLAARI givosiran

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

Specifications Republished

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

- 2019379425 **Onalba Pty Ltd**
 2020214777 **Cisco Technology, Inc.**
 2020424975 **GANTRY RAILING LTD.**
 2020464490 **ZHAO, Y.**
 2020472697 **INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY**
 2020476144 **SAVKAY, B.H.**
 2020477273 **SANDVIK MINING AND CONSTRUCTION OY**
 2020479584 **MANDERSON ENGINEERING INNOVATIONS PTY LTD**
 2020482800 **GENEQUANTUM HEALTHCARE (SUZHOU) CO., LTD.**
 2020482982 **ZTE CORPORATION**
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 2021409386 SILGAN WHITE CAP LLC
 2021409460 CATERPILLAR INC.
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 2021418416 THE YOKOHAMA RUBBER CO., LTD.
 2021418936 KWESST INC.
 2021420569 MICROSOFT TECHNOLOGY LICENSING LLC
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 2022205114 DRANCO, NAAMLOZE VENNOOTSCHAP
 2022205773 CALIK DENIM TEKSTIL SAN. VE TIC. A.S.
 2022205936 OTSUKA AMERICA INC.; CLICK THERAPEUTICS,
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 2022205937 IMBRIA PHARMACEUTICALS, INC.
 2022206448 CAAMTECH, INC.
 2022206470 ONTARIO INSTITUTE FOR CANCER RESEARCH
 (OICR); THE GOVERNING COUNCIL OF THE UNI-
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 2022207086 WOODS HOLE OCEANOGRAPHIC INSTITUTION
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 2022209975 SPÉCIALITÉS SEPTODONT
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 2022210069 HUAWEI TECHNOLOGIES CO., LTD.
 2022210153 WIX.COM LTD.
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 2022211175 # BUSINESS FOUNDATION SUNGKYUNKWAN UNI-
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 2022211444 ARCHER AVIATION, INC.
 2022211499 R+H SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIAL-
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 2022211594 PAUL HETTICH GMBH & CO. KG
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 2022211957 TXINNO BIOSCIENCE INC.
 2022212106 UNIVERSITY OF FLORIDA RESEARCH FOUNDA-
 TION, INCORPORATED; VOVA IDA THERAPEUTICS
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 2022212487 F. HOFFMANN-LA ROCHE AG
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 2022213195 CYTIVA BIOPROCESS R&D AB
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 2022217503 AEROSPAZIALI) S.C.P.A.
 2022218177 HINGE HEALTH, INC.
 2022220541 ERGOMOTION, INC.
 2022221730 VELLA, J.
 2022222387 NIGHTINGALE HEALTH OYJ
 2022222668 PRC-DESOTO INTERNATIONAL, INC.
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 2022224484 CROWN EQUIPMENT CORPORATION
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