



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	5455
Amendments Made	5456
Alteration of Name(s) of Applicant(s)/Patentee(s)	5457
Notice of Intention to Amend under Section 105 pursuant to the Federal Court Rules	5458

Applications Accepted

Name Index	5536
Numerical Index	5572
IPC Index	5576

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	5452
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Applications Open to Public Inspection

Name Index	5459
Numerical Index	5474
IPC Index	5476

Assignments before Grant, Section 113	5453
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Assignments Registered	5585
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Certified Innovation Patents

Name Index	5582
Numerical Index	5583
IPC Index	5584

Complete Applications Filed

Name Index	5441
Numerical Index	5448

Corrigenda	5586
------------------	------

Extensions of Term of Standard Patents	5586
Extensions of Time, Section 223	5454
Innovation Patent Applications Filed	
Name Index	5450
Numerical Index	5451
Innovation Patents Open to Public Inspection	
Name Index	5479
Numerical Index	5480
IPC Index	5481
PCT applications which have entered the National Phase	
Name Index	5482
Numerical Index	5525
IPC Index	5529
Patents Granted	5585
Opposition Proceedings	5585
Provisional Applications Filed	
Name Index	5437
Numerical Index	5440
Revocation	5585
Specifications Republished	5586

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

AliWood Pty Ltd v Deco IP Pty Ltd [2023] APO 45

Patent Application: 2019204039

Title: Two-Piece Batten

Patent Applicant: Deco IP Pty Ltd

Opponent: AliWood Pty Ltd

Delegate: Neil Miller

Decision Date: 14 September 2023

Hearing Date: 23 June 2023, by Videoconference

Catchwords: **PATENTS** – Section 59 – opposition to grant of a patent – grounds of Novelty, Inventive Step, Clarity – construction – two-piece batten – interconnection of members – meaning of “inward stop portion” – functional limitations in a claim – context of a claim – essential features of a claim – matter of routine – lack of expert evidence – material under regulation 5.23 – costs

Representation: Patent attorney for the applicant: George Griziotis, Acrogon Group Pty Ltd
Patent attorney for the opponent: Micheal Biagio, IP Guardian, Patent and Trade Mark Attorneys

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

CQMS Pty Ltd v ESCO Group LLC [2023] APO 46

Patent Applications: 2018201633, 2018201634 & 2019201394

Titles: Monitoring ground-engaging products for earth working equipment;
Monitoring ground-engaging products for earth working equipment;
Monitoring ground-engaging products from earth working equipment

Patent Applicant: ESCO Group LLC

Opponent: CQMS Pty Ltd

Delegate: Dr W.E. Guinea

Decision Date: 14 September 2023

Hearing Date: Written submissions completed 15 March 2022, 21 January 2022 and 7 July 2022, respectively

Catchwords: **PATENTS** – evidence in reply – whether evidence in reply properly in reply – some evidence in reply clearly not properly in reply – costs awarded against Opponent

Representation: Counsel for the applicant: Tom Cordiner KC
Patent Attorney for the applicant: MinterEllison
Patent Attorney for the opponent: James & Wells

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

GH PTM Pty Ltd v Illinois Tool Works Inc. [2023] APO 47

Patent Application: 2016268249

Title: Connection of structural components in a building structure

Patent Applicant: Illinois Tool Works Inc.

Opponent: GH PTM Pty Ltd

Delegate: Greg Powell

Decision Date: 15 September 2023

Hearing Date: 26 July 2023, by Video Conference

Catchwords: **PATENTS** – section 59 – opposition to the grant of a patent – construction of “positioning” – support – claims are supported – utility – claims have utility – inventive step – claims are inventive – opposition unsuccessful on all grounds

Representation: Counsel for the applicant: Clare Cunliffe
Solicitors for the applicant: Aaron Yates and Emily Maartensz of Davies Collison Cave Law Pty Ltd
Patent attorney for the applicant: Scott Sonneman of Davies Collison Cave Pty Ltd
Counsel for the opponent: Marcus Fleming
Patent attorneys for the opponent: Dr Jing Fung Tan and Edith Hamilton of Griffith Hack

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 28 September 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Intuit Inc. [2023] APO 48

Patent Application: 2021202846

Title: Categorizing transaction records

Patent Applicant: Intuit Inc.

Delegate: Dr N. R. Madsen – Deputy Commissioner of Patents

Decision Date: 18 September 2023

Hearing Date: by written submissions filed 9 August 2023

Catchwords: **PATENTS** – section 45 – examiner’s objection – using multiple machine learning models in a vector space for categorisation of transactions – inventive step – manner of manufacture – examiner’s inventive step objection is sustainable – invention in substance appears to be directed to a mere scheme – opportunity to amend – remitted for further examination

Representation: Patent attorneys for the applicant: Davies Collison Cave Pty Ltd

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 12 Sep 2023 .

(71) Al-Khaz'aaly, G. (21) 2023903016 (22) 19.09.2023 (54) An omnichannel for renting and returning things and services.	(71) Canopus Networks Assets Pty Ltd (21) 2023903009 (22) 18.09.2023 (54) Cloud Gaming Monitoring Apparatus and Process	(71) Dojlida, P. (21) 2023902998 (22) 17.09.2023 (54) A METHOD FOR VERIFYING A HUMAN AUTHOR
(71) Analytical Models Pty. Ltd. (21) 2023902961 (22) 14.09.2023 (54) AN AUCTION SIMULATOR AND BID REPORTING TOOL GENERATION MODULE FOR A SPECTRUM AUCTION AND A METHOD OF OPERATION THEREOF	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023902992 (22) 15.09.2023 (54) Method and system of scheduling appointments	(71) D-Spar Technologies Pty Ltd (21) 2023902993 (22) 15.09.2023 (54) Wave energy conversion apparatus and methods of use thereof
(71) APBSF Ltd (21) 2023902969 (22) 14.09.2023 (54) Method of applying an insecticide	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023903025 (22) 20.09.2023 (54) Extrusion die	(71) Emergency Warning Systems LTD (21) 2023903018 (22) 19.09.2023 (54) SIMPLEX BROADCAST MULTI FACTOR ENCRYPTION OVER RF
(71) APPLIED ELECTRIC VEHICLES LTD (21) 2023902979 (22) 15.09.2023 (54) FUNCTIONALLY SAFE WHOLE-VEHICLE ELECTRICAL NETWORK	(71) Contoleon, G. (21) 2023902952 (22) 12.09.2023 (54) Identification of gold and precious metal bearing sites of mainly fine metallic particles and associated advances in extraction	(71) Emergency Warning Systems LTD (21) 2023903019 (22) 19.09.2023 (54) QUALITY OF SIGNAL BROADCAST SYSTEM
(71) Axiom Holographics Pty Ltd (21) 2023902978 (22) 15.09.2023 (54) A METHOD FOR REDUCING CROSSTALK IN ANAGLYPHIC 3D IMAGES	(71) CRPS Solutions Pty Limited (21) 2023902974 (22) 15.09.2023 (54) Composition and use thereof	(71) Emergency Warning Systems LTD (21) 2023903020 (22) 19.09.2023 (54) SIMPLEX BROADCAST LOCATION-BASED MESSAGING SYSTEM
(71) BidBlender (21) 2023902977 (22) 15.09.2023 (54) BidBlender LLM Decoder and Encoder for large, complex documents that include legal, technical, and commercial content.	(71) CSL Innovation Pty Ltd (21) 2023902975 (22) 15.09.2023 (54) Soluble complement receptor Type I variants and uses thereof	(71) Emergency Warning Systems LTD (21) 2023903021 (22) 19.09.2023 (54) RF PROPAGATION OVERLAP MANAGEMENT SYSTEM
(71) Boat Wings Pty Ltd (21) 2023902991 (22) 15.09.2023 (54) Boat stabilizer assembly	(71) Darewise Entertainment (21) 2023903015 (22) 19.09.2023 (54) Method and device for simulating a virtual environment	(71) Energy & Recycling Technologies (21) 2023902997 (22) 16.09.2023 (54) REGENERATION OF CATHODE ACTIVE MATERIALS
(71) Boat Wings Pty Ltd (21) 2023902991 (22) 15.09.2023 (54) Boat stabilizer assembly	(71) DocNow Pty Ltd (21) 2023902995 (22) 16.09.2023 (54) AI-Driven Automated Transcription, Documentation, and Pre-Consultation Interaction System for Medical Consultations	(71) Flinders University (21) 2023902971 (22) 14.09.2023 (54) Transforming Biomass into Bioactive Coatings by Atmospheric Plasma

Provisional Applications Filed - Name Index cont'd

(71) Fliteboard Pty Ltd
(21) 2023902976 (22) 15.09.2023
(54) A hydrofoil structure

(71) Global Anti-Scam Centre
(21) 2023903026 (22) 20.09.2023
(54) Investment Anti-Scam Intelligence

(71) Gomez, R.
(21) 2023903002 (22) 18.09.2023
(54) advanced wind generator

(71) HAEMATEX RESEARCH PTY LIMITED
(21) 2023902996 (22) 16.09.2023
(54) Diagnostic compositions containing activated charcoal for neutralizing DOACs and similar compounds for blood coagulation testing.

(71) Henry, B.
(21) 2023902966 (22) 14.09.2023
(54) Delivering material

(71) Hydrobe Pty Ltd
(21) 2023902970 (22) 14.09.2023
(54) Bioreactor

(71) Innovgas Pty Ltd
(21) 2023902955 (22) 13.09.2023
(54) DISPOSABLE OXYGEN FACE MASK

(71) John Joseph O Loughlin
(21) 2023902951 (22) 13.09.2023
(54) Magnet Golf Club

(71) John Joseph O Loughlin
(21) 2023902968 (22) 14.09.2023
(54) Magnetic Golf Tee

(71) Khoury, J.
(21) 2023902954 (22) 13.09.2023
(54) Flock - A unique rewards economy application

(71) Khoury, J.
(21) 2023902994 (22) 15.09.2023
(54) An ai that non-technical founders can use to understand their coding projects.

(71) Kljuce, U.
(21) 2023902986 (22) 15.09.2023
(54) Dark Matter Detection

(71) Kong, Y.X.G.
(21) 2023903013 (22) 18.09.2023
(54) A modular tube shunt implant for the treatment of glaucoma

(71) Kruss, L.
(21) 2023902917 (22) 08.09.2023
(54) Construction Product

(71) Learn and Grow Toys Pty Ltd
(21) 2023902960 (22) 13.09.2023
(54) MAGNETIC BUILDING TILES FOR CREATING TWO DIMENSIONAL AND THREE DIMENSIONAL STRUCTURES AND FLAT MAGNETIC TILES FOR DECORATING THE BUILDING TILES

(71) Macdonald, J.
(21) 2023902973 (22) 15.09.2023
(54) A method to generate marine clouds for albedo cooling from boiled seawater and salt particle injection using ship waste heat recovery

(71) manclark, j.
(21) 2023903000 (22) 18.09.2023
(54) Rail systems designed to carry cars and trucks on individual carriages. This system incorporates substations at towns and cities, enabling high-speed travel over long distances and the ability to charge electric vehicles while they are onboard. Moreover, the rail system incorporates solar technology, which is integrated into the infrastructure to contribute to its power supply

(71) McDonald, M.
(21) 2023903022 (22) 19.09.2023
(54) Beach fishing rod holder and seat, collapsible

(71) Milligan, J.
(21) 2023903012 (22) 18.09.2023
(54) An image-based concussion assessment system

(71) NEIGHBOURS, G.
(21) 2023903006 (22) 18.09.2023
(54) A METHOD AND SYSTEM FOR CONSTRUCTING A MULTI-LEVEL BUILDING

(71) New Wave Biotech Pty Ltd
(21) 2023902980 (22) 15.09.2023
(54) PLANT BIOSTIMULATING COMPOSITIONS AND USES THEREOF

(71) Nield, G.
(21) 2023902985 (22) 15.09.2023
(54) DEVICE FOR PROTECTING SHOES DURING SPORTING OR OTHER ACTIVITY

(71) Nunhems B.V.
(21) 2023903008 (22) 18.09.2023
(54) TOMATO VARIETY NUN 08369 TOF

(71) OZIES, J.
(21) 2023903005 (22) 18.09.2023
(54) Topical skin care composition

(71) Oztent Australia Pty. Limited
(21) 2023902953 (22) 13.09.2023
(54) An accessory connection system for furniture

(71) Phibion Pty Ltd
(21) 2023902983 (22) 15.09.2023
(54) A MEASURING APPARATUS AND METHOD OF USE THEREOF

(71) POPS PADDLES PTY LTD
(21) 2023902965 (22) 14.09.2023
(54) PICKLEBALL PADDLE AND METHOD

(71) Process Development Centre Pty Ltd
(21) 2023902990 (22) 15.09.2023
(54) CYCLONIC SEPARATION DEVICE

(71) Relectrify Holdings PTY LTD
(21) 2023902959 (22) 13.09.2023
(54) A reconfigurable battery system with fault management

(71) Roadwest Transport Equipment & Sales Pty Ltd
(21) 2023902958 (22) 13.09.2023
(54) Side Tipping Trailer, and Door Assembly

(71) Roobuck Pty Ltd
(21) 2023902963 (22) 14.09.2023
(54) UWB Cap Lamp

(71) Rouch, J.
(21) 2023902967 (22) 14.09.2023
(54) Link Checker

(71) Scolaro, A.
(21) 2023902972 (22) 14.09.2023
(54) A Power Drive

(71) Shore Medical Pty Ltd
(21) 2023903023 (22) 20.09.2023
(54) A foetal vacuum extractor

(71) SOCAH Pty Ltd
(21) 2023903017 (22) 19.09.2023
(54) Industrial-machinery electrical-connector or shield

(71) STA Certification Group Pty Ltd
(21) 2023903007 (22) 18.09.2023
(54) Jacking system

Provisional Applications Filed - Name Index cont'd

(71) Stoddart Technology Pty Ltd
 (21) 2023903010 (22) 18.09.2023
 (54) A rainhead cover

(71) Surace, P.
 (21) 2023903024 (22) 20.09.2023
 (54) Automatic guitar strumming apparatus

(71) TELEAUS BIOSCIENCE HEALTH PTY LTD
 (21) 2023902988 (22) 15.09.2023
 (54) Method for Investigating the Effects of Microbiome Manipulation on Neuronal Network Function in *Caenorhabditis elegans*

(71) TELEAUS BIOSCIENCE HEALTH PTY LTD
 (21) 2023902989 (22) 15.09.2023
 (54) Method for Manipulation of ASD-Ortholog Genes and Microbiome Interaction in *C. elegans* for Therapeutic Solutions of Autism Spectrum Disorder

The Council of the Queensland Institute of Medical Research see The University of Sydney
 (21) 2023902987

(71) The Trustee for iPUT Unit Trust
 (21) 2023902999 (22) 17.09.2023
 (54) Extra-Terrestrial Heavy Logistics Transport Methodology

(71) The University of Adelaide
 (21) 2023903011 (22) 18.09.2023
 (54) A COMPUTER-IMPLEMENTED METHOD FOR DETERMINING THE LIKELIHOOD OF ENDOMETRIOSIS

(71) The University of Melbourne
 (21) 2023902964 (22) 14.09.2023
 (54) Nanoparticle compositions

(71) The University of Queensland
 (21) 2023902956 (22) 13.09.2023
 (54) Aluminosilicate nanoparticles

(71) The University of Sydney; The Council of the Queensland Institute of Medical Research
 (21) 2023902987 (22) 15.09.2023
 (54) Combination therapy

(71) The Westmead Institute for Medical Research; Western Sydney Local Health District
 (21) 2023902982 (22) 15.09.2023
 (54) Antifungal treatments

(71) UNIQCO-IP PTY LTD
 (21) 2023902957 (22) 13.09.2023
 (54) PALLET SECUREMENT SYSTEM

(71) University of Technology Sydney
 (21) 2023902984 (22) 15.09.2023
 (54) Brain-Computer Interface

(71) Vivian, V.
 (21) 2023903001 (22) 18.09.2023
 (54) NOVEL VENTILATION DEVICE AND METHOD OF USE

(71) Wallis, D.
 (21) 2023902962 (22) 14.09.2023
 (54) Security Cabinet

(71) WBC IP PTY LIMITED
 (21) 2023902981 (22) 15.09.2023
 (54) Networked Control and Monitoring System

Western Sydney Local Health District see The Westmead Institute for Medical Research
 (21) 2023902982

(71) Womersley, G.
 (21) 2023903003 (22) 18.09.2023
 (54) Audio recording app that automatically records with code words through audio

(71) Womersley, G.
 (21) 2023903004 (22) 18.09.2023
 (54) An encrypted messaging app that wipes all data with a code on the login screen that can't be recovered.

Numerical Index

2023902917	Kruss, L.	2023903016	Al-Khaz'aaly, G.
2023902951	John Joseph O Loughlin	2023903017	SOCAH Pty Ltd
2023902952	Contoleon, G.	2023903018	Emergency Warning Systems LTD
2023902953	Oztent Australia Pty. Limited	2023903019	Emergency Warning Systems LTD
2023902954	Khoury, J.	2023903020	Emergency Warning Systems LTD
2023902955	Innovgas Pty Ltd	2023903021	Emergency Warning Systems LTD
2023902956	The University of Queensland	2023903022	McDonald, M.
2023902957	UNIQCO-IP PTY LTD	2023903023	Shore Medical Pty Ltd
2023902958	Roadwest Transport Equipment & Sales Pty Ltd	2023903024	Surace, P.
2023902959	Relectrify Holdings PTY LTD	2023903025	Commonwealth Scientific and Industrial Research Organisation
2023902960	Learn and Grow Toys Pty Ltd	2023903026	Global Anti-Scam Centre
2023902961	Analytical Models Pty. Ltd.		
2023902962	Wallis, D.		
2023902963	Roobuck Pty Ltd		
2023902964	The University of Melbourne		
2023902965	POPS PADDLES PTY LTD		
2023902966	Henry, B.		
2023902967	Rouch, J.		
2023902968	John Joseph O Loughlin		
2023902969	APBSF Ltd		
2023902970	Hydrobe Pty Ltd		
2023902971	Flinders University		
2023902972	Scolaro, A.		
2023902973	Macdonald, J.		
2023902974	CRPS Solutions Pty Limited		
2023902975	CSL Innovation Pty Ltd		
2023902976	Fliteboard Pty Ltd		
2023902977	BidBlender		
2023902978	Axiom Holographics Pty Ltd		
2023902979	APPLIED ELECTRIC VEHICLES LTD		
2023902980	New Wave Biotech Pty Ltd		
2023902981	WBC IP PTY LIMITED		
2023902982	The Westmead Institute for Medical Research; Western Sydney Local Health District		
2023902983	Phibion Pty Ltd		
2023902984	University of Technology Sydney		
2023902985	Nield, G.		
2023902986	Kljuje, U.		
2023902987	The University of Sydney; The Council of the Queensland Institute of Medical Research		
2023902988	TELEAUS BIOSCIENCE HEALTH PTY LTD		
2023902989	TELEAUS BIOSCIENCE HEALTH PTY LTD		
2023902990	Process Development Centre Pty Ltd		
2023902991	Boat Wings Pty Ltd		
2023902992	Commonwealth Scientific and Industrial Research Organisation		
2023902993	D-Spar Technologies Pty Ltd		
2023902994	Khoury, J.		
2023902995	DocNow Pty Ltd		
2023902996	HAEMATEX RESEARCH PTY LIMITED		
2023902997	Energy & Recycling Technologies		
2023902998	Dojlida, P.		
2023902999	The Trustee for iPUT Unit Trust		
2023903000	manclark, j.		
2023903001	Vivian, V.		
2023903002	Gomez, R.		
2023903003	Womersley, G.		
2023903004	Womersley, G.		
2023903005	OZIES, J.		
2023903006	NEIGHBOURS, G.		
2023903007	STA Certification Group Pty Ltd		
2023903008	Nunhems B.V.		
2023903009	Canopus Networks Assets Pty Ltd		
2023903010	Stoddart Technology Pty Ltd		
2023903011	The University of Adelaide		
2023903012	Milligan, J.		
2023903013	Kong, Y.X.G.		
2023903015	Darewise Entertainment		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 12 Sep 2023 .

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

<hr/> <p>(71) ZMT Mining Products Pty Ltd (21) 2023231576 (22) 18.09.2023 (54) PROTECTION SYSTEMS (62) 2022202367</p> <hr/> <p>(71) 8 Rivers Capital, LLC (21) 2023233050 (22) 18.09.2023 (54) Removal of impurities from a process stream by contacting it with an oxidant and with an aqueous stream (62) 2017362060</p> <hr/> <p>(71) 9754741 Canada Ltd. (21) 2023233052 (22) 18.09.2023 (54) METHOD AND APPARATUS FOR REGULATING PARTICLES IN A STREAM (62) 2017301242</p> <hr/> <p>(71) Abiomed Europe GmbH (21) 2023229616 (22) 15.09.2023 (54) Blood pump with reinforced catheter (62) 2018262629</p> <hr/> <p>(71) Ablynx NV (21) 2023229506 (22) 12.09.2023 (54) Improved serum albumin binders (62) 2016357460</p> <hr/> <p>Abudayyeh, O. see The Broad Institute, Inc. (21) 2022205162</p> <hr/> <p>Abudayyeh, O. see The Broad Institute, Inc. (21) 2022205165</p> <hr/> <p>(71) Adobe Inc. (21) 2023229535 (22) 14.09.2023 (54) GENERATING ADAPTIVE THREE-DIMENSIONAL MESHES OF TWO-DIMENSIONAL IMAGES (31) 18/055,594 (32) 15.11.22 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2023229587 (22) 15.09.2023 (54) MODIFYING TWO-DIMENSIONAL IMAGES UTILIZING SEGMENTED THREE-DIMENSIONAL OBJECT MESHES OF THE TWO-DIMENSIONAL IMAGES (31) 18/055,585 (32) 15.11.22 (33) US</p>	<hr/> <p>(71) Adobe Inc. (21) 2023229591 (22) 15.09.2023 (54) MODIFYING TWO-DIMENSIONAL IMAGES UTILIZING ITERATIVE THREE-DIMENSIONAL MESHES OF THE TWO-DIMENSIONAL IMAGES (31) 18/055,590 (32) 15.11.22 (33) US</p> <hr/> <p>(71) Agency for Defense Development (21) 2023229526 (22) 13.09.2023 (54) T-shaped fuel injection apparatus and engine module including the same (31) 10-2023-0009869 (32) 26.01.23 (33) KR</p> <hr/> <p>(71) Alecson Feld Australia Pty Ltd (21) 2023229576 (22) 15.09.2023 (54) Managing technical process data (62) 2016336038</p> <hr/> <p>(71) Andreev, A.A. (21) 2023229519 (22) 13.09.2023 (54) A GAS-HYDRAULIC SHOCK ABSORBER</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023229542 (22) 14.09.2023 (54) Inspection system and management system (62) 2021229225</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023229582 (22) 15.09.2023 (54) Recognition system (62) 2018370412</p> <hr/> <p>(71) Apple Inc. (21) 2023229566 (22) 14.09.2023 (54) Devices, methods, and graphical user interfaces for navigating, displaying, and editing media items with multiple display modes (62) 2023202756</p> <hr/> <p>(71) Apple Inc. (21) 2023229597 (22) 15.09.2023 (54) User interfaces for watches (62) 2022201419</p> <hr/> <p>(71) argenx BV (21) 2023229716 (22) 18.09.2023</p>	<p>(54) Use of FcRn antagonists for treatment of generalized myasthenia gravis (62) 2018380979</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023229564 (22) 14.09.2023 (54) GAMING DEVICE WITH A SECONDARY SPINS FEATURE (31) 18/464,939 (32) 11.09.23 (33) US 63/409,426 23.09.22 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023233064 (22) 19.09.2023 (54) ELECTRONIC GAMING MACHINE WITH A CLEAR BUTTON DECK (31) 18/468,445 (32) 15.09.23 (33) US 63/376,221 19.09.22 US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Ltd (21) 2023229608 (22) 15.09.2023 (54) GAMING DEVICE WITH FEATURE GAME UPGRADES IN TWO OR MORE WINDOWS (62) 2021209160</p> <hr/> <p>(71) Athenex Therapeutics Limited (21) 2023229590 (22) 15.09.2023 (54) Therapeutic combinations of orally administered paclitaxel and a P-gp inhibitor for the treatment of cancer (62) 2021209160</p> <hr/> <p>(71) Avery Dennison Retail Information Services LLC (21) 2023229547 (22) 14.09.2023 (54) Method for enhanced food safety for food storage and preparation (62) 2020279083</p> <hr/> <p>(71) BAHARIA, M.A.M.A. (21) 2023229541 (22) 14.09.2023 (54) SYSTEM AND METHOD FOR DELETING OR EDITING SENT MESSAGES FROM YOUR RECIPIENTS CHAT HISTORY (62) 2018436989</p> <hr/> <p>(71) BBI Medical Innovations, LLC (21) 2023229585 (22) 15.09.2023 (54) Measurement of tissue viability (62) 2021200183</p>
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Complete Applications Filed - Name Index cont'd

(71) Beam Therapeutics Inc.
(21) 2023229577 (22) 15.09.2023
(54) Compositions and methods for treating hemoglobinopathies
(62) 2023204605

(71) Berry Global, Inc.
(21) 2023229511 (22) 12.09.2023
(54) Peg Through, Springback and Vine Wire Attachment

(71) Biogen MA Inc.
(21) 2023229540 (22) 14.09.2023
(54) COMPOUNDS AND METHODS FOR REDUCING TAU EXPRESSION
(62) 2020267230

(71) BLANCO GmbH + Co KG
(21) 2023233057 (22) 18.09.2023
(54) Actuating Arrangement For Opening Or Closing A Valve Of A Drain Arrangement And Drainage System
(31) 10 2022 209 842.0 (32) 19.09.22 (33) DE

(71) BLUE EGGPLANT PTY LTD
(21) 2023229614 (22) 15.09.2023
(54) LAPTOP DISPLAY SYSTEMS
(62) 2022291645

(71) Boston Scientific Scimed, Inc.
(21) 2023229500 (22) 12.09.2023
(54) Transperineal vapor ablation systems and methods
(62) 2018205314

(71) Boston Scientific Scimed, Inc.
(21) 2023229570 (22) 14.09.2023
(54) Reactive multi-arm polymers having branched end groups
(62) 2020340275

(71) Broadridge Financial Solutions, Inc.
(21) 2023229525 (22) 13.09.2023
(54) DATABASE-CENTERED COMPUTER NETWORK SYSTEMS AND COMPUTER-IMPLEMENTED METHODS FOR CRYPTOGRAPHICALLY-SECURED DISTRIBUTED DATA MANAGEMENT
(62) 2021215303

(71) Caelli Pty Ltd
(21) 2023229509 (22) 12.09.2023
(54) Box former

(71) Canon Kabushiki Kaisha
(21) 2023229581 (22) 15.09.2023
(54) Developer supply container and developer supplying system
(62) 2021209326

(71) Canva Pty Ltd
(21) 2023229567 (22) 14.09.2023
(54) Methods and systems for prompt-based image editing

(71) Canva Pty Ltd
(21) 2023229569 (22) 14.09.2023
(54) Methods and systems for generating image tool recommendations

(71) Caterpillar Inc.
(21) 2023229595 (22) 15.09.2023
(54) System and method for detection of load and dump locations
(62) 2018274895

(71) Checkmate Pharmaceuticals, Inc.
(21) 2023229532 (22) 13.09.2023
(54) SYNTHETIC RIG-I-LIKE RECEPTOR AGONISTS
(62) 2019255370

(71) Chugai Seiyaku Kabushiki Kaisha
(21) 2023229507 (22) 12.09.2023
(54) Target-tissue-specific antigen-binding molecule
(62) 2020203710

(71) ConocoPhillips Company
(21) 2023229603 (22) 15.09.2023
(54) LIGHT OIL REFLUX HEAVIES REMOVAL PROCESS
(62) 2018239332

(71) Corning Research & Development Corporation
(21) 2023229553 (22) 14.09.2023
(54) HIGH DENSITY FIBER OPTIC RIBBON CABLE
(62) 2019394773

(71) DName-iT NV
(21) 2023229558 (22) 14.09.2023
(54) METHODS FOR IDENTIFICATION OF SAMPLES
(62) 2017266299

(71) Eagle Biologics, Inc.
(21) 2023229619 (22) 16.09.2023
(54) LIQUID PROTEIN FORMULATIONS CONTAINING VISCOSITY-LOWERING AGENTS
(62) 2020202407

(71) E Ink California, LLC
(21) 2023229534 (22) 14.09.2023
(54) PIEZO ELECTROPHORETIC DISPLAY
(62) 2022202254

(71) Elecsome Pty Ltd
(21) 2023229502 (22) 12.09.2023

(54) Method for separating fluoropolymer layers from a substrate
(31) 2023901149 (32) 18.04.23 (33) AU

(71) Electrolux Home Products, Inc.
(21) 2023233046 (22) 18.09.2023
(54) COOKING OPERATION FOR A COOKING APPLIANCE
(31) 63/410864 (32) 28.09.22 (33) US

(71) ESS TECH, INC.
(21) 2023229572 (22) 14.09.2023
(54) Rebalancing Cell For Redox Flow Battery System
(62) PCT/US2022/073693

(71) F. Hoffmann-La Roche AG
(21) 2023229513 (22) 13.09.2023
(54) Solid forms of 3-((1R,3R)-1-(2,6-difluoro-4-((1-(3-fluoropropyl)azetidin-3-yl)amino)phenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2,2-difluoropropan-1-ol and processes for preparing fused tricyclic compounds comprising a substituted phenyl or pyridinyl moiety, including methods of their use
(62) 2022202967

(71) Fisher & Paykel Healthcare Limited
(21) 2023229605 (22) 15.09.2023
(54) Valve module and filter
(62) 2017346325

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2023233061 (22) 19.09.2023
(54) DELIVERING VARIABLE POSITIVE AIRWAY PRESSURE DEPENDING ON AWAKE STATE AND SLEEP DISORDERED BREATHING
(62) 2020239789

(71) Follea International
(21) 2023229514 (22) 13.09.2023
(54) Systems and methods for predicting response to oral minoxidil for the treatment of androgenetic alopecia
(31) 18/240,485 (32) 31.08.23 (33) US
63/512,137 06.07.23 US

(71) Francis, W.
(21) 2023229620 (22) 17.09.2023
(54) Aesthetically Pleasing Layered QR code generation algorithm

(71) Fujikura Ltd.
(21) 2023229611 (22) 15.09.2023
(54) OPTICAL FIBER ARRANGEMENT METHOD, OPTICAL FIBER FUSION SPLICING METHOD, METHOD FOR MANUFACTURING OPTICAL FIBER RIBBON WITH CONNECTOR, AND

Complete Applications Filed - Name Index cont'd

INTERMITTENTLY CONNECTED OPTICAL FIBER RIBBON
(62) 2020347613

(71) Gamer, S.
(21) 2023229579 (22) 15.09.2023
(54) DRIVEWAY GATE ASSEMBLY
(31) 2022902764 (32) 23.09.22 (33) AU

(71) Geron Corporation
(21) 2023229592 (22) 15.09.2023
(54) Combination treatment for hematological cancers
(62) 2017305950

(71) GE Video Compression, LLC
(21) 2023229505 (22) 12.09.2023
(54) Low delay picture coding
(62) 2022268403

(71) Glass Hardware Systems Pty Ltd
(21) 2023229586 (22) 15.09.2023
(54) MOUNT FOR A PANEL

Gootenberg, J. see The Broad Institute, Inc.
(21) 2022205162

Gootenberg, J. see The Broad Institute, Inc.
(21) 2022205165

(71) Grifols Diagnostic Solutions Inc.
(21) 2023229556 (22) 14.09.2023
(54) NOVEL MAMMALIAN EXPRESSED HUMAN IMMUNODEFICIENCY VIRUS ENVELOPE PROTEIN ANTIGENS
(62) 2018366480

(71) Healthcare Systems; Kato, Y.
(21) 2023229545 (22) 14.09.2023
(54) NOVEL COMPOUND CONTAINED IN MANUKA HONEY AND USE OF SAME
(62) 2021232716

(71) Hendrix College; Ohio State Innovation Foundation
(21) 2023233065 (22) 19.09.2023
(54) Methods and compositions for inhibition of dihydroorotate dehydrogenase
(62) 2019288813

(71) Horton do Brasil Tecnologia Offshore, Ltda.
(21) 2023229560 (22) 14.09.2023
(54) Floating offshore structures with round pontoons
(62) 2017357003

(71) HUANG, P.
(21) 2023233060 (22) 19.09.2023
(54) FLIP TOP LID WITH A REPLACEABLE THREADED DECORATIVE TOP
(31) 17/947,448 (32) 19.09.22 (33) US

(71) Huawei Technologies Co., Ltd.
(21) 2023229559 (22) 14.09.2023
(54) A VIDEO ENCODER, A VIDEO DECODER AND CORRESPONDING METHODS
(62) 2019344400

(71) Huawei Technologies Co., Ltd.
(21) 2023229600 (22) 15.09.2023
(54) PICTURE PARTITIONING METHOD AND APPARATUS
(62) 2019333452

(71) Huawei Technologies Co., Ltd.
(21) 2023229601 (22) 15.09.2023
(54) METHOD AND APPARATUS FOR INTRA PREDICTION
(62) 2019335453

(71) IGT
(21) 2023229573 (22) 15.09.2023
(54) FRONT MONEY ACCOUNT INTEGRATED WITH GAMING ESTABLISHMENT ACCOUNT MANAGEMENT SYSTEM
(31) 17/964,654 (32) 12.10.22 (33) US

(71) Illinois Tool Works Inc.
(21) 2023229610 (22) 15.09.2023
(54) Trusses for use in building construction and methods of installing same
(62) 2021203279

(71) Illinois Tool Works Inc.
(21) 2023232282 (22) 18.09.2023
(54) ROOFING FASTENER
(31) 2022903036 (32) 17.10.22 (33) AU

(71) Implantica Patent Ltd
(21) 2023229543 (22) 14.09.2023
(54) Device and method for bone adjustment operating with wireless transmission of energy
(62) 2021215271

(71) Interlock USA, Inc.
(21) 2023233054 (22) 18.09.2023
(54) Lever action automatic shootbolt operator with magnetically-triggered locking mechanism
(62) 2019361027

Janssen Biotech, Inc. see President and Fellows of Harvard College
(21) 2023229504

(71) Jarvis, H.F.
(21) 2023233056 (22) 18.09.2023
(54) An agricultural cultivator apparatus
(62) 2017221803

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2023229510

Joung, J. see The Broad Institute, Inc.
(21) 2022205162

Joung, J. see The Broad Institute, Inc.
(21) 2022205165

(71) Katmai Tech Inc.
(21) 2023229565 (22) 14.09.2023
(54) A web-based videoconference virtual environment with navigable avatars, and applications thereof
(62) 2021366657

Kato, Y. see Healthcare Systems
(21) 2023229545

(71) Kite Pharma, Inc.
(21) 2023233053 (22) 18.09.2023
(54) Chimeric antigen receptors and CAR-T cells and methods of use
(62) 2019397033

Konermann, S. see The Broad Institute, Inc.
(21) 2022205162

Konermann, S. see The Broad Institute, Inc.
(21) 2022205165

Koonin, E. see The Broad Institute, Inc.
(21) 2022205162

Koonin, E. see The Broad Institute, Inc.
(21) 2022205165

(71) Kop-Coat, Inc.
(21) 2023229807 (22) 18.09.2023
(54) SOLUTIONS EMPLOYING HERBICIDES AND BUFFERED AMINE OXIDES TO KILL WEEDS AND RELATED METHODS
(62) 2022202568

(71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE; Micro Matic A/S
(21) 2023233059 (22) 19.09.2023

Complete Applications Filed - Name Index cont'd

(54) Device for protecting a device for supplying pressurised fluid
 (31) EP22306475.9 (32) 04.10.22 (33) EP

(71) LAI, C.
 (21) 2023229609 (22) 15.09.2023
 (54) WATER FLOW SWITCHING DEVICE FOR SPRINKLER APPLICATION

(71) Lam, T.T.
 (21) 2023233047 (22) 18.09.2023
 (54) TORUS BASED WAVE ENERGY SYSTEM

(71) Lam, T.T.
 (21) 2023233048 (22) 18.09.2023
 (54) CYLINDER BASED WAVE ENERGY SYSTEM
 (31) 2023900669 (32) 13.03.23 (33) AU

Lander, E. see The Broad Institute, Inc.
 (21) 2022205162

(71) Light Steering Technologies, Inc.
 (21) 2023229596 (22) 15.09.2023
 (54) Magnetic joint and optical mount using the same
 (62) 2019434706

(71) LivePerson, Inc.
 (21) 2023229593 (22) 15.09.2023
 (54) Systems and methods for managing interaction invitations
 (62) 2020328581

(71) Lumus Ltd.
 (21) 2023229615 (22) 15.09.2023
 (54) OPTICAL SYSTEMS INCLUDING LOE WITH THREE STAGE EXPANSION
 (62) 2023203502

(71) LUMUS LTD.
 (21) 2023229584 (22) 15.09.2023
 (54) OPTICAL APERTURE MULTIPLIERS HAVING A RECTANGULAR WAVEGUIDE
 (62) 2022226493

Makarova, K. see The Broad Institute, Inc.
 (21) 2022205162

Makarova, K. see The Broad Institute, Inc.
 (21) 2022205165

Massachusetts Institute of Technology see The Broad Institute, Inc.
 (21) 2022205162

Massachusetts Institute of Technology see The Broad Institute, Inc.
 (21) 2022205165

(71) MasterCard International Incorporated
 (21) 2023229588 (22) 15.09.2023
 (54) Method and system for universal control account activities
 (62) 2017347645

(71) Mayo Foundation for Medical Education and Research
 (21) 2023229554 (22) 14.09.2023
 (54) Detecting pancreatic high-grade dysplasia
 (62) 2017250663

(71) MEDECO PTY LTD
 (21) 2023229594 (22) 15.09.2023
 (54) LARYNGEAL MASK AIRWAY
 (62) PCT/AU2022/050209

(71) Medlogical Innovations Pty Ltd
 (21) 2023229527 (22) 13.09.2023
 (54) System With Vibration Device and Cooling Fluid for Interstitial Laser Therapy
 (61) 2019458295

(71) Megmilk Snow Brand Co., Ltd.
 (21) 2023229544 (22) 14.09.2023
 (54) Intestinal environment improvement composition and method for manufacturing same
 (62) 2018327184

(71) Merlo Project S.r.l.
 (21) 2023229537 (22) 14.09.2023
 (54) A MULTIFUNCTIONAL LIFTING VEHICLE DESIGNED TO DETERMINE A LOAD DIAGRAM, AND RELATIVE METHOD
 (31) 102022000018777 (32) 14.09.22 (33) IT

(71) Meso Scale Technologies, LLC.
 (21) 2023233062 (22) 19.09.2023
 (54) Assay Apparatuses, Methods and Reagents
 (62) 2020314729

(71) MetiMedi Pharmaceuticals Co., Ltd.
 (21) 2023229549 (22) 14.09.2023
 (54) Calcium lactate compositions and methods of use
 (62) 2017368901

(71) Metso Outotec Finland Oy
 (21) 2023229618 (22) 15.09.2023
 (54) Wear liner assembly
 (62) 2017276814

(71) MFTB Holdco, Inc.
 (21) 2023233049 (22) 18.09.2023
 (54) Automated identification and use of building floor plan information
 (62) 2021234854

Micro Matic A/S see L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
 (21) 2023233059

Minakhin, L. see The Broad Institute, Inc.
 (21) 2022205162

Minakhin, L. see The Broad Institute, Inc.
 (21) 2022205165

(71) MiTek Holdings, Inc.
 (21) 2023229575 (22) 15.09.2023
 (54) AUTOMATED WALL FRAME ASSEMBLY SYSTEM
 (31) 63/376,052 (32) 16.09.22 (33) US

(71) MOCKV Solutions LLC
 (21) 2023229501 (22) 12.09.2023
 (54) METHODS AND KITS FOR QUANTIFYING THE REMOVAL OF MOCK VIRUS PARTICLES FROM A PURIFIED SOLUTION
 (62) 2021200484

(71) Monsanto Technology LLC
 (21) 2023229538 (22) 14.09.2023
 (54) Methods and compositions for selective regulation of protein expression
 (62) 2020273330

(71) Monsanto Technology LLC
 (21) 2023229539 (22) 14.09.2023
 (54) Methods and compositions for gene expression in plants
 (62) 2017301813

(71) M-Techx Inc.
 (21) 2023229529 (22) 13.09.2023
 (54) Fiber aggregate for sound insulation, sound absorbing/insulating material, and sound absorbing/insulating material for vehicle
 (62) 2018291357

(71) MVRX, Inc.
 (21) 2023229512 (22) 13.09.2023
 (54) Devices, systems, and methods for reshaping a heart valve annulus
 (62) 2021232700

(71) MxT Biotech
 (21) 2023229574 (22) 15.09.2023

Complete Applications Filed - Name Index cont'd

(54) MICROFLUIDIC SYSTEM FOR INTRA-CELLULAR DELIVERY OF MATERIALS AND METHOD THEREFOR
(62) 2020234406

(71) Myriota Pty Ltd
(21) 2023229515 (22) 13.09.2023
(54) SYSTEM AND METHOD FOR PRE-DICTION OF COMMUNICATIONS LINK QUALITY
(62) 2018322690

(71) Nicoventures Trading Limited
(21) 2023229598 (22) 15.09.2023
(54) Aerosol generating device
(62) 2020235315

(71) Nicoventures Trading Limited
(21) 2023229613 (22) 15.09.2023
(54) Apparatus for aerosol generating device
(62) 2020238495

(71) NILO GLOBAL LIMITED
(21) 2023229617 (22) 15.09.2023
(54) Plastic processing apparatus and related methods
(62) 2021245237

(71) Ningbo Poolstar Pool Products Co., Ltd.
(21) 2023229508 (22) 12.09.2023
(54) SUCTION POOL CLEANER
(31) 202320568235.5 (32) 22.03.23 (33) CN

(71) Nkarta, Inc.
(21) 2023229555 (22) 14.09.2023
(54) CD19-directed chimeric antigen receptors and uses thereof in immunotherapy
(62) 2020232691

(71) Nunhems B.V.
(21) 2023229517 (22) 13.09.2023
(54) Melon variety NUN 71560 MEM
(31) 18/071186 (32) 29.11.22 (33) US

(71) Ocado Innovation Limited
(21) 2023233051 (22) 18.09.2023
(54) Storage system and method
(62) 2020224377

Ohio State Innovation Foundation see Hendrix College
(21) 2023233065

(71) OligoScience Biotechnology GmbH
(21) 2023229583 (22) 15.09.2023
(54) Microorganism for producing human milk oligosaccharide
(62) 2018310663

President and Fellows of Harvard College see The Broad Institute, Inc.
(21) 2022205162

President and Fellows of Harvard College see The Broad Institute, Inc.
(21) 2022205165

(71) President and Fellows of Harvard College; Janssen Biotech, Inc.
(21) 2023229504 (22) 12.09.2023
(54) SC-beta cells and compositions and methods for generating the same
(62) 2020203127

President and Fellows of Harvard College see Zikani Therapeutics, Inc.
(21) 2023229518

(71) Press-Seal Corporation
(21) 2023229520 (22) 13.09.2023
(54) Lateral connector for underground pipes
(31) 18/244619 (32) 11.09.23 (33) US
63/406298 14.09.22 US

(71) Research Institute at Nationwide Children's Hospital
(21) 2023229533 (22) 14.09.2023
(54) PEPTIDES AND ANTIBODIES FOR THE REMOVAL OF BIOFILMS
(62) 2016303688

(71) Revance Therapeutics, Inc.
(21) 2023229550 (22) 14.09.2023
(54) Injectable botulinum toxin formulations
(62) 2021200561

(71) Ribon Therapeutics Inc.
(21) 2023233066 (22) 19.09.2023
(54) Quinazolinones as PARP14 inhibitors
(62) 2018392616

Rutgers, The State University of New Jersey see The Broad Institute, Inc.
(21) 2022205162

Rutgers, The State University of New Jersey see The Broad Institute, Inc.
(21) 2022205165

(71) S.C.R. (ENGINEERS) LIMITED
(21) 2023229606 (22) 15.09.2023
(54) A Livestock Management System and Method of Operation
(62) 2017283979

Semenova, E. see The Broad Institute, Inc.
(21) 2022205162

Semenova, E. see The Broad Institute, Inc.
(21) 2022205165

(71) Senhwa Biosciences, Inc.
(21) 2023229524 (22) 13.09.2023
(54) Combination therapy of tetracyclic quinolone analogs for treating cancer
(62) 2021225157

(71) ServiceNow, Inc.
(21) 2023229528 (22) 13.09.2023
(54) Workflow support for dynamic action input
(62) 2020242059

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(21) 2022205162

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(21) 2022205165

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(21) 2023229580

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(21) 2022205162

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(21) 2022205165

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(21) 2022205162

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(21) 2022205165

(71) Snap-on Incorporated
(21) 2023229589 (22) 15.09.2023
(54) PORTABLE ELECTRIC RESCUE TOOL
(62) 2021236562

(71) Spogen Biotech Inc.
(21) 2023229604 (22) 15.09.2023
(54) BIOACTIVE POLYPEPTIDES FOR IMPROVEMENTS IN PLANT PROTECTION, GROWTH AND PRODUCTIVITY
(62) 2023204355, 2023204357

(71) Spogen Biotech Inc.
(21) 2023229612 (22) 15.09.2023

Complete Applications Filed - Name Index cont'd

- (54) BIOACTIVE POLYPEPTIDES FOR IMPROVEMENTS IN PLANT PROTECTION, GROWTH AND PRODUCTIVITY
(62) 2023204355, 2023204357
-
- (71) Stratus Medical, LLC
(21) 2023229551 (22) 14.09.2023
(54) Methods and systems for radiofrequency neurotomy
(62) 2021202406
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- (71) SunTracker Technologies Ltd.
(21) 2023229568 (22) 14.09.2023
(54) Predicting and Measuring Melanopic Dose
(62) 2021305837
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- (71) Tenacious Holdings, Inc.
(21) 2023229552 (22) 14.09.2023
(54) TETHERING POINT SYSTEM
(31) 17/944,451 (32) 14.09.22 (33) US
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- (71) Terra Quantum AG
(21) 2023229530 (22) 13.09.2023
(54) LASER SYSTEM AND METHOD FOR DETECTING AND PROCESSING INFORMATION
(31) 22197529.5 (32) 23.09.22 (33) EP
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- (71) Terra Quantum AG
(21) 2023229602 (22) 15.09.2023
(54) Laser system and method for detecting and processing information
(31) 22197529.5 (32) 23.09.22 (33) EP
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- (71) Terra Quantum AG
(21) 2023229607 (22) 15.09.2023
(54) Laser system and method for detecting and processing information
(31) 22197529.5 (32) 23.09.22 (33) EP
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- (71) Terumo Kabushiki Kaisha
(21) 2023229546 (22) 14.09.2023
(54) SYRINGE CAP, SYRINGE ASSEMBLY, AND PRE-FILLED SYRINGE
(62) 2019437877
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(21) 2022205162 (22) 12.07.2022
(54) Novel CRISPR enzymes and systems
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(21) 2022205165 (22) 12.07.2022
(54) Novel CRISPR enzymes and systems
(62) 2016279062
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- (71) The Goodyear Tire & Rubber Company
(21) 2023229557 (22) 14.09.2023
(54) Heavy duty tyre and tread
(62) 2017228598
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- (71) The Regents of the University of California
(21) 2023233055 (22) 18.09.2023
(54) MESOPOROUS SILICA NANOPARTICLES WITH LIPID BILAYER COATING FOR CARGO DELIVERY
(62) 2022200881
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- (71) The Trustees of The University of Pennsylvania
(21) 2023229622 (22) 18.09.2023
(54) Intrathecal Administration Of Adeno-Associated-Viral Vectors For Gene Therapy
(62) 2016344065
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(21) 2022205162
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- The United States of America, as represented by, The Secretary Department of Health and Human Services see The Broad Institute, Inc.**
(21) 2022205165
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- (71) Trilink BioTechnologies, LLC
(21) 2023229522 (22) 13.09.2023
(54) Compositions and methods for synthesizing 5'-Capped RNAs
(62) 2023201915
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- (71) truRating Limited
(21) 2023229516 (22) 13.09.2023
(54) Improved system for collecting customer ratings from a pin entry device
(62) 2021204751
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- (71) University of Kentucky Research Foundation
(21) 2023229531 (22) 13.09.2023
(54) Compositions And Methods For Treating Retinal Degradation
(62) 2021232790
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- (71) Vale S.A.
(21) 2023233063 (22) 19.09.2023
(54) Apparatus for stabilization of an instrumentation platform
(31) 3175615 (32) 20.09.22 (33) CA
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- (71) Vandorf BT1 Inc.
(21) 2023233067 (22) 19.09.2023
(54) Barrier transition framework
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- (71) Velano Vascular, Inc.
(21) 2023229548 (22) 14.09.2023
(54) STABILIZATION DEVICES FOR VASCULAR ACCESS AND METHODS OF USING THE SAME
(62) 2018277084
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- (71) Ventbuster Holdings Inc.
(21) 2023229523 (22) 13.09.2023
(54) Gas Meter and Associated Methods
(62) 2021290242
-
- (71) VMware, Inc.
(21) 2023233058 (22) 19.09.2023
(54) Providing recommendations for implementing virtual networks
(62) 2020336161
-
- (71) WA Drill Hire Pty Ltd
(21) 2023229521 (22) 13.09.2023
(54) Round Rod Singulator
(31) 2022902664 (32) 14.09.22 (33) AU
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- (71) Willow Innovations, Inc.
(21) 2023229578 (22) 15.09.2023
(54) Breast pump system and methods
(62) 2021205014
-
- Wolf, Y. see The Broad Institute, Inc.**
(21) 2022205162
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- Wolf, Y. see The Broad Institute, Inc.**
(21) 2022205165
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- (71) YETI Coolers, LLC
(21) 2023229599 (22) 15.09.2023

Complete Applications Filed - Name Index cont'd

(54) Closure and lid and method of forming
closure and lid
(62) 2021204743

(71) Y Soft Corporation, A.S.
(21) 2023229503 (22) 12.09.2023
(54) Universal automated testing of embed-
ded systems
(62) 2017347687

Zhang, F. see The Broad Institute, Inc.
(21) 2022205162

Zhang, F. see The Broad Institute, Inc.
(21) 2022205165

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko
Solar Co., Ltd.
(21) 2023229510 (22) 12.09.2023
(54) FABRICATION METHOD FOR
PHOTOVOLTAIC MODULE AND
PHOTOVOLTAIC MODULE
(62) 2019460092

(71) Zhejiang Jinko Solar Co. Ltd.; Shanghai
Jinko Green Energy Enterprise Man-
agement Co. Ltd.
(21) 2023229580 (22) 15.09.2023
(54) SOLDER STRIP AND SOLAR CELL
MODULE
(62) 2021240257

(71) Zikani Therapeutics, Inc.; President and
Fellows of Harvard College
(21) 2023229518 (22) 13.09.2023
(54) C10-Cyclic Substituted 13-Membered
Macrolides and Uses Thereof
(62) 2019385383

Numerical Index

2022205162	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College; Rutgers, The State University of New Jersey; Skolkovo Institute of Science and Technology (Skoltech); The United States of America, as represented by, The Secretary Department of Health and Human Services; Severinov, K.; Zhang, F.; Wolf, Y.; Shmakov, S.; Semenova, E.; Minakhin, L.; Makarova, K.; Koonin, E.; Koner-mann, S.; Joung, J.; Gootenberg, J.; Abudayyeh, O.; Lander, E.	2023229548	Velano Vascular, Inc.
2022205165	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College; Rutgers, The State University of New Jersey; Skolkovo Institute of Science and Technology (Skoltech); The United States of America, as represented by, The Secretary Department of Health and Human Services; Koonin, E.; Zhang, F.; Wolf, Y.; Shmakov, S.; Severinov, K.; Semenova, E.; Minakhin, L.; Makarova, K.; Koner-mann, S.; Joung, J.; Gootenberg, J.; Abudayyeh, O.	2023229549	MetiMedi Pharmaceuticals Co., Ltd.
2023229500	Boston Scientific Scimed, Inc.	2023229550	Revance Therapeutics, Inc.
2023229501	MOCKV Solutions LLC	2023229551	Stratus Medical, LLC
2023229502	Elecsome Pty Ltd	2023229552	Tenacious Holdings, Inc.
2023229503	Y Soft Corporation, A.S.	2023229553	Corning Research & Development Corporation
2023229504	President and Fellows of Harvard College; Janssen Biotech, Inc.	2023229554	Mayo Foundation for Medical Education and Research
2023229505	GE Video Compression, LLC	2023229555	Nkarta, Inc.
2023229506	Ablynx NV	2023229556	Grifols Diagnostic Solutions Inc.
2023229507	Chugai Seiyaku Kabushiki Kaisha	2023229557	The Goodyear Tire & Rubber Company
2023229508	Ningbo Poolstar Pool Products Co., Ltd.	2023229558	DName-iT NV
2023229509	Caelli Pty Ltd	2023229559	Huawei Technologies Co., Ltd.
2023229510	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.	2023229560	Horton do Brasil Technologia Offshore, Ltda.
2023229511	Berry Global, Inc.	2023229564	Aristocrat Technologies, Inc.
2023229512	MVRX, Inc.	2023229565	Katmai Tech Inc.
2023229513	F. Hoffmann-La Roche AG	2023229566	Apple Inc.
2023229514	Follea International	2023229567	Canva Pty Ltd
2023229515	Myriota Pty Ltd	2023229568	SunTracker Technologies Ltd.
2023229516	truRating Limited	2023229569	Canva Pty Ltd
2023229517	Nunhems B.V.	2023229570	Boston Scientific Scimed, Inc.
2023229518	Zikani Therapeutics, Inc.; President and Fellows of Harvard College	2023229572	ESS TECH, INC.
2023229519	Andreev, A.A.	2023229573	IGT
2023229520	Press-Seal Corporation	2023229574	MxT Biotech
2023229521	WA Drill Hire Pty Ltd	2023229575	MiTek Holdings, Inc.
2023229522	Trilink BioTechnologies, LLC	2023229576	Alecson Feld Australia Pty Ltd
2023229523	Ventbuster Holdings Inc.	2023229577	Beam Therapeutics Inc.
2023229524	Senhwa Biosciences, Inc.	2023229578	Willow Innovations, Inc.
2023229525	Broadridge Financial Solutions, Inc.	2023229579	Gamer, S.
2023229526	Agency for Defense Development	2023229580	Zhejiang Jinko Solar Co. Ltd.; Shanghai Jinko Green Energy Enterprise Management Co. Ltd.
2023229527	Medlogical Innovations Pty Ltd	2023229581	Canon Kabushiki Kaisha
2023229528	ServiceNow, Inc.	2023229582	Angel Group Co., Ltd.
2023229529	M-Techx Inc.	2023229583	OligoScience Biotechnology GmbH
2023229530	Terra Quantum AG	2023229584	LUMUS LTD.
2023229531	University of Kentucky Research Foundation	2023229585	BBI Medical Innovations, LLC
2023229532	Checkmate Pharmaceuticals, Inc.	2023229586	Glass Hardware Systems Pty Ltd
2023229533	Research Institute at Nationwide Children's Hospital	2023229587	Adobe Inc.
2023229534	E Ink California, LLC	2023229588	MasterCard International Incorporated
2023229535	Adobe Inc.	2023229589	Snap-on Incorporated
2023229537	Merlo Project S.r.l.	2023229590	Athenex Therapeutics Limited
2023229538	Monsanto Technology LLC	2023229591	Adobe Inc.
2023229539	Monsanto Technology LLC	2023229592	Geron Corporation
2023229540	Biogen MA Inc.	2023229593	LivePerson, Inc.
2023229541	BAHARIA, M.A.M.A.	2023229594	MEDECO PTY LTD
2023229542	Angel Group Co., Ltd.	2023229595	Caterpillar Inc.
2023229543	Implantica Patent Ltd	2023229596	Light Steering Technologies, Inc.
2023229544	Megmilk Snow Brand Co., Ltd.	2023229597	Apple Inc.
2023229545	Healthcare Systems; Kato, Y.	2023229598	Nicoventures Trading Limited
2023229546	Terumo Kabushiki Kaisha	2023229599	YETI Coolers, LLC
2023229547	Avery Dennison Retail Information Services LLC	2023229600	Huawei Technologies Co., Ltd.
		2023229601	Huawei Technologies Co., Ltd.
		2023229602	Terra Quantum AG
		2023229603	ConocoPhillips Company
		2023229604	Spogen Biotech Inc.
		2023229605	Fisher & Paykel Healthcare Limited
		2023229606	S.C.R. (ENGINEERS) LIMITED
		2023229607	Terra Quantum AG
		2023229608	Aristocrat Technologies Australia Pty Ltd
		2023229609	LAI, C.
		2023229610	Illinois Tool Works Inc.
		2023229611	Fujikura Ltd.
		2023229612	Spogen Biotech Inc.
		2023229613	Nicoventures Trading Limited
		2023229614	BLUE EGGPLANT PTY LTD
		2023229615	Lumus Ltd.
		2023229616	Abiomed Europe GmbH
		2023229617	NILO GLOBAL LIMITED
		2023229618	Metso Outotec Finland Oy

Complete Applications Filed - Numerical Index cont'd

2023229619 Eagle Biologics, Inc.
2023229620 Francis, W.
2023229622 The Trustees of The University of Pennsylvania
2023229716 argenx BV
2023229807 Kop-Coat, Inc.
2023231576 2MT Mining Products Pty Ltd
2023232282 Illinois Tool Works Inc.
2023233046 Electrolux Home Products, Inc.
2023233047 Lam, T.T.
2023233048 Lam, T.T.
2023233049 MFTB Holdco, Inc.
2023233050 8 Rivers Capital, LLC
2023233051 Ocado Innovation Limited
2023233052 9754741 Canada Ltd.
2023233053 Kite Pharma, Inc.
2023233054 Interlock USA, Inc.
2023233055 The Regents of the University of California
2023233056 Jarvis, H.F.
2023233057 BLANCO GmbH + Co KG
2023233058 VMware, Inc.
2023233059 L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE
ET L'EXPLOITATION DES PROCEDES GEORGES
CLAUDE; Micro Matic A/S
2023233060 HUANG, P.
2023233061 FISHER & PAYKEL HEALTHCARE LIMITED
2023233062 Meso Scale Technologies, LLC.
2023233063 Vale S.A.
2023233064 Aristocrat Technologies, Inc.
2023233065 Hendrix College; Ohio State Innovation Foundation
2023233066 Ribon Therapeutics Inc.
2023233067 Vandorf BT1 Inc.

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 12 Sep 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Scott Automation & Robotics Pty Ltd
(21) 2023100082 **(22)** 15.09.2023
(54) A CARCASS PROCESSING SYSTEM
AND METHOD
(62) 2023226682

Numerical Index

2023100082 Scott Automation & Robotics Pty Ltd

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

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2008

2008200498 (14)	2008202640 (14)	2008207483 (14)
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2009200525 (14)	2009217606 (14)	2009220299 (14)
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2010200397 (14)	2010200826 (14)	2010202454 (14)
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2023

2023201207 (12A) 2023203804 (1B) 2023203882 (1B)
 2023203930 (1B) 2023219900 (12C)

Assignments before Grant, Section 113

2018

2018207172 Agenus Inc. The application has been assigned to MiNK Therapeutics, Inc.

Assignments before Grant, Section 113

2019

2019203281 Munia Limited The application has been assigned to **Flatow, Wolfgang**

2019301307 Freetail Technologies Ltd. The application has been assigned to **Freetail Acquisition LLC**

2019335414 Munia Limited The application has been assigned to **Flatow, Wolfgang**

2019385506 StrideBio, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2019392718 leon-nanodrugs GmbH The application has been assigned to **Nucleus Medical GmbH**

2020

2020230269 Otonomy, Inc.; The Regents of the University of California The application has been assigned to **DOMPÉ FARMACEUTICI S.P.A.; The Regents of the University of California**

2020243828 Maddali, Venkata Vijay Kumar The application has been assigned to **Esyantira Pty Ltd**

2020278880 Newcrest Mining Limited The application has been assigned to **Olitek Pty Ltd**

2021

2021268845 Fochon Pharmaceuticals, Ltd. The application has been assigned to **Fochon Biosciences, Ltd.**

2022

2022200357 Macernis, Audrius The application has been assigned to **Safetech IP Pty Ltd**

2022234382 LANIER, Cody Austin The application has been assigned to **Trainsphere Holdings LLC**

2022902719 GALE, AMI The application has been assigned to **EVOLVING INNOVATIONS pty ltd**

2023

2023201646 Noodoe Corporation The application has been assigned to **NOODOE GROUP INC.**

2023900407 NanoW2E IP Pty Ltd The application has been assigned to **CYCLION HOLDINGS PTY LTD**

2023901093 Solidsvac Pty Ltd The application has been assigned to **Solidsvac Pty Ltd**

2023901636 MEIER, JONAS; REYNOLDS, RICHARD The application has been assigned to **Fabrum IP Holdings Limited**

2023901905 REYNOLDS, RICHARD; MEIER, JONAS The application has been assigned to **Fabrum IP Holdings Limited**

Extensions of Time, Section 223

Applications Received

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

2011

2011274285 **Klik Systems Australia Pty Ltd** An application to extend the time from 09 Mar 2020 to 09 Sep 2023 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

2018

2018101436 **Mullally, R.** An application to extend the time from 24 Sep 2021 to 24 Jun 2023 in which to pay a renewal fee has been filed . Address for service - Rebecca Mullally 42 Oliver St Ringwood VIC 3134 AU

2021

2021107527 **HITIQ LIMITED** An application to extend the time from 05 Feb 2023 to 05 Sep 2023 in which to pay a renewal fee has been filed . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2021231983 **GORDIS, J.** An application to extend the time from 04 Oct 2022 to 04 Sep 2023 in which to enter the National Phase has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

Applications Allowed - Section 223(2)

2010

2010278667 **McCallum, P.** The time in which to pay a renewal fee has been extended to 28 Feb 2023 . Address for service - Eagar & Associates Pty Ltd Suite 2 35-39 Scarborough Street Southport QLD 4215 AU

2011

2011357585 **Encycle Corporation** The time in which to pay a renewal fee has been extended to 22 Apr 2023 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012

2012347482 **NeuroVision Imaging, Inc.** The time in which to pay a renewal fee has been extended to 08 Jul 2023 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2015

2015255327 **Zhao, S.** The time in which to pay a renewal fee has been extended to 15 Jun 2023 . Address for service - John Christiansen 5/22-24 Charnwood Road St Kilda VIC 3182 AU

2017

2017272166 **Caltooling Pty Ltd** The time in which to gain acceptance has been extended to 08 Oct 2023 . Address for service - Anderson IP PO BOX 99 Nyora VIC 3987 AU

Extensions of Time, Section 223

2018

2018213974 **Innovation Emporium Pty Ltd** The time in which to request examination and to pay a continuation fee has been extended to 10 Jul 2023 . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2018321581 **Yara International ASA; The University of Sydney** The time in which to request examination and to pay a continuation fee has been extended to 01 Jun 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2019

2019222963 **Azuma Design Pty Limited** The time in which to request examination has been extended to 14 Sep 2023 . Address for service - GLMR PO Box Q1615 Queen Victoria Building NSW 1230 AU

2020

2020445437 **DUKOVICH, S.** The time in which to enter the National Phase has been extended to 27 Apr 2023 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2021

2021107127 **Lifesize Plans IP Pty Ltd** The time in which to pay a renewal fee has been extended to 18 May 2023 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2021245216 **Frito-Lay Trading Company GmbH** The time in which to pay a continuation fee has been extended to 06 Jun 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2021343568 **AGSCENT PTY LTD** The time in which to enter the National Phase has been extended to 18 Jul 2023 . Address for service - AUCTUS ATTORNEYS AND ADVISORS PTY LTD PO Box 1699 Bondi Junction NSW 1355 AU

2022

2022100038 **Lifesize Plans IP Pty Ltd** The time in which to pay a renewal fee has been extended to 18 May 2023 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2022204229 **Live Nation Entertainment, Inc.** The time in which to pay a continuation fee has been extended to 17 Jul 2023 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023

2023203316 **Rightplacement Pty Ltd** The time in which to request examination has been extended to 14 Sep 2023 . Address for service - Krouzer IP PO Box 2035 Como WA 6152 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

Amendments

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.

2006

2006230798 Metal-coated steel strip **Bluescope Steel Limited** The nature of the amendment is as shown in the statement(s) filed 16 May 2023 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2009

2009300752 Controlled release pharmaceutical composition **As-tellas Pharma Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2023 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2016

2016210770 METHOD AND APPARATUS FOR INDICATING CONDITIONS **Bartco Traffic Equipment Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 25 Jul 2023 . Address for service - Pini IP 638 Queensberry Street North Melbourne VIC 3051 AU

2017

2017286477 Variants of a DNA polymerase of the polX family **DNA Script ; Institut Pasteur ; Centre national de la recherche scientifique** The nature of the amendment is as shown in the statement(s) filed 12 Sep 2023 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2017318536 Use of tryptophan metabolites for treating muscle atrophy **Metabrain Research** The nature of the amendment is as shown in the statement(s) filed 12 Sep 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2017359018 Treatment of CNS diseases with SGC stimulators **Cyclerion Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Sep 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2017364103 Liquid compositions comprising a mucoadhesive agent **Johnson & Johnson Consumer Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Sep 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018289227 Device for moving an arm and a method of operating the device **Tendo Ab** The nature of the amendment is as shown in the statement(s) filed 08 Sep 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018328818 RAD51 inhibitors **Cyteir Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Sep

Amendments

2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019

2019300038 Self-assembling peptide scaffold **Hexamer Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Aug 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019344400 A video encoder, a video decoder and corresponding methods **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020

2020203127 SC-beta cells and compositions and methods for generating the same **President and Fellows of Harvard College ; Janssen Biotech, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Aug 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020203270 Stabilizing features in a wear member assembly **Hensley Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 02 Jun 2023 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2021

2021206780 Compositions and methods for synthesizing 5'-Capped RNAs **Trilink BioTechnologies, LLC** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021303679 Systems and methods for detecting markers for surgical guidance **Endomagnetics Ltd** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2021374676 VEHICLE SUSPENSION SYSTEM **TEREX SOUTH DAKOTA, INC.** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2023 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Amendments Made

2004

2004221793 **Bluescope Steel Limited** The nature of the amendment is as shown in the statement(s) filed 16 May 2023

2017

2017240761 **Colorado State University Research Foundation; The Regents of the University of Colorado, a body corporate** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2023

2018

2018251957 **Chr. Hansen A/S** The nature of the amendment is as shown in the statement(s) filed 03 May 2023

Amendments

2019

2019201769 **Littelfuse, Inc.** The nature of the amendment is: Amend the invention title to read Monitor device, ground fault protection circuit and techniques

2019343015 **Hypertherm, Inc.; RailRestore Holding BV; RailRestore BV** The nature of the amendment is: Amend the name of the inventor to read JACOBS, Joep and WILDHAGEN, Johannes Petrus Bernardus

2019360097 **CareFusion 303, Inc.** The nature of the amendment is: Amend the invention title to read MONITORING UPSTREAM FLOW CHARACTERISTICS FOR A PUMP

2019450575 **Essity Hygiene and Health Aktiebolag** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2023

2020

2020244613 **GALERA LABS, LLC** The nature of the amendment is as shown in the statement(s) filed 02 Jun 2023

2020247359 **Hella Gutmann Solutions GmbH** The nature of the amendment is: Amend the name of the inventor to read HOES, Thorsten and GUTEKUNST, Ralf

2020264485 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read MARTIN, Kathleen Ann; SIDRAUSKI, Carmela; SHI, Lei; MURAWSKI, Kathleen J.; XU, Xiangdong; TONG, Yunsong; RANDOLPH, John T.; DART, Michael J.; BENELKEBIR, Hanae; EDESON, Steven and STARBUCK, Kathryn

2020286909 **Nuovo Pignone Tecnologie - S.r.l.** The nature of the amendment is: Amend the name of the inventor to read RAVEGGI, Marco; FRANCHI, Stefano; PIVETTA, Valentina and PANARA, Daniele

2020400387 **University of Pretoria** The nature of the amendment is: Amend the name of the inventor to read VAN VUUREN, Stefanus Johannes; VAN DIJK, Marco and Coetzeeas, Gert Louis

2021

2021201092 **Afiniti, Ltd.** The nature of the amendment is as shown in the statement(s) filed 02 Jun 2023

2021233823 **Thinx Inc.** The nature of the amendment is: Amend the name of the inventor to read SIRIWARDENE, Nirodha

2021376367 **ELI LILLY AND COMPANY** The nature of the amendment is: Amend the name of the inventor to read ANDERSON, Erin, D.; ANDREWS, Steven, W.; BOLDRON, Christopher, Pierre, Albert, Jean; CONDROSKI, Kevin, R.; IRVIN, Thomas, C.; KOLAKOWSKI, Gabrielle, R., a/k/a Jody, Gabrielle, Rustmann, KOLAKOWSKI; KUMAR, Manoj; MCFADDIN, Elizabeth, A.; MCKENNEY, Megan, L.; MCLEAN, Johnathan, Alexander; MOURET, Tiphaine; MUNCHHOF, Michael, J.; PAN-CALDI, Thomas, Pierre, Dino; PILKINGTON-MIKSA, Michael Alexander and PINTO, Marta

2021409582 **BODIT INC.** The nature of the amendment is: Amend the name of the inventor to read CHOO, Kwang Jae; SHIN, Min Yong; YOO, Heung Jong; CHOI, Yoon Chul; KIM, Seongjin and KIM, Nayeon

Amendments

2021436355 **NIPPON TELEGRAPH AND TELEPHONE CORPORATION** The nature of the amendment is: Amend the invention title to read Secure search method, system thereof, apparatus thereof, encryption apparatus, searcher terminal, and program

2022

2022200101 **Blackmore Sensors & Analytics LLC** The nature of the amendment is as shown in the statement(s) filed 23 Jun 2023

2022213551 **CAE INC.** The nature of the amendment is: Amend the name of the inventor to read SOODEEN, Mark; LAGACE, Michel; YE, Hebing; MORISSET, Sebastien; DESAULNIERS, Pascal; GIANNI-AS, Nick; MIRZAKHANI, Babak; CHRISTIANSEN, Gordon; GRANGER-DUCHARME, Julien; DAIGLE, Pierre and VINCENT, Pierre-Luc

2022217029 **IQ ENERGY INC.** The nature of the amendment is as shown in the statement(s) filed 25 Aug 2023

2022220704 **ALNYLAM PHARMACEUTICALS, INC.** The nature of the amendment is as shown in the statement(s) filed 07 Sep 2023

2022224945 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD FOR TRANSMITTING PHYSICAL LAYER PROTOCOL DATA UNIT AND COMMUNICATION APPARATUS

2022228408 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read EXTREMELY HIGH THROUGHPUT LINK ADAPTATION CONTROL INFORMATION TRANSMISSION METHOD AND RELATED APPARATUS

2022230449 **OREGON HEALTH & SCIENCE UNIVERSITY** The nature of the amendment is as shown in the statement(s) filed 07 Sep 2023

2022243280 **ASTELLAS PHARMA INC.; MIE UNIVERSITY** The nature of the amendment is: Amend the invention title to read COMPOSITION FOR CONTRAST IMAGING OF CANCER

2022245639 **CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read Method and Device for Creating Semi-Static Harq Codebook, Apparatus and Readable Storage Medium

2022246020 **EYE VACC** The nature of the amendment is: Amend the invention title to read New application of an immunogenic or vaccine composition

2022248671 **FURUKAWA ELECTRIC CO., LTD.** The nature of the amendment is: Amend the invention title to read USEFUL HYDROCARBON PRODUCTION METHOD AND USEFUL HYDROCARBON PRODUCTION DEVICE

2022297082 **ALCHEMEDIKINE, INC.** The nature of the amendment is: Amend the invention title to read Compound, endothelin A receptor antagonist and pharmaceutical composition

2022322637 **BIRD HEALTHCARE PTY LTD** The nature of the amendment is: Amend the name of the inventor to read BIRD, Nicholas; BOULT, Timothy; GOVER, Neale and HABERFIELD, David

Amendments

2022421756 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery pack and energy storage system including the same

2023

2023208089 **MAKO Surgical Corp.** The nature of the amendment is: Amend the name of the inventor to read WU, Zhu; THOMPSON, Matthew and MITTELSTADT, Brent

2023222860 **HITCH & GO PTY LTD** The nature of the amendment is: Amend the invention title to read A VEHICLE MOUNTED SERVICE UNIT

Alteration of Name(s) of Applicant(s)/Patentee(s)**2016**

2016284755 Trioplast AB The name of the patentee has been altered to **Trioworld Smålandsstenar AB**

2016306084 Unified Messaging Systems ASA The name of the patentee has been altered to **EVERBRIDGE NORWAY AS**

2016306086 Unified Messaging Systems ASA The name of the patentee has been altered to **EVERBRIDGE NORWAY AS**

2016377130 Trioplast AB The name of the patentee has been altered to **Trioworld Smålandsstenar AB**

2017

2017204914 Unified Messaging Systems ASA The name of the patentee has been altered to **EVERBRIDGE NORWAY AS**

2017267809 National University Corporation Nagoya University; Life Science Institute, Inc. The name of the patentee has been altered to **Life Science Institute, Inc.; National University Corporation Tokai National Higher Education and Research System**

2017268641 Venhuizen, Jessica; Jones, Meagan The name of the applicant has been altered to **Vajda, J.; Felix, M.**

2017347595 HealthUp Sp. z o.o. The name of the applicant has been altered to **Healthup S.A.**

2018

2018288536 Trioplast AB The name of the applicant has been altered to **Trioworld Smålandsstenar AB**

2019

2019200068 JCDcaux SA The name of the applicant has been altered to **JCDcaux SE**

2019229722 JCDcaux SA The name of the applicant has been altered to **JCDcaux SE**

2019260335 Mountain Top Industries ApS The name of the applicant has been altered to **Mountain Top (Denmark) ApS**

Amendments

2019275663 JCDecaux SA The name of the applicant has been altered to **JCDecaux SE**

2020

2020273513 Mountain Top Industries ApS The name of the applicant has been altered to **Mountain Top (Denmark) ApS**

2020275435 Mountain Top Industries ApS The name of the applicant has been altered to **Mountain Top (Denmark) ApS**

2020279506 Mountain Top Industries ApS The name of the applicant has been altered to **Mountain Top (Denmark) ApS**

2021

2021212182 EmNet, LLC The name of the applicant has been altered to **Xylem Vue Inc.**

2021261905 Covered Insurance Solutions, Inc. The name of the applicant has been altered to **Covered Insurance Solutions, LLC**

2021290260 JCDecaux SA The name of the applicant has been altered to **JCDecaux SE**

2021409946 NANOCOMP TECHNOLOGIES, INC. The name of the applicant has been altered to **NANOCOMP TECHNOLOGIES, INC.; The United States of America, as represented by the Secretary of the Navy**

2022

2022238786 ORTELLIGENCE, INC.; Timothy DONNELLY; Simon GREENMAN; Piotr BANASIŃSKI The name of the applicant has been altered to **ORTELLIGENCE, INC.**

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

Australian Patent/Patent Application 2013335451 in the name(s) of ToolGen Incorporated

Applications Open to Public Inspection

Name Index

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

<p>(71) ABB Schweiz AG (11) AU-A-2023200720 (21) 2023200720 (22) 09.02.2023 (54) APPARATUS AND METHOD FOR MEASURING ACTIVE ELECTRIC POWER IN AN ELECTRIC CIRCUIT (51) Int. Cl. G01R 21/133 (2006.01) G01D 21/00 (2006.01) G01R 21/06 (2006.01) G06F 3/05 (2006.01) (31) 22160670.0 (32) 08.03.22 (33) EP (43) 28.09.2023 (72) ZAWADZKI, Artur; MOLINSKI, Grzegorz; RYBA, Piotr (74) Griffith Hack</p>	<p>(71) AFT Pharmaceuticals Limited (11) AU-A-2022201576 (21) 2022201576 (22) 08.03.2022 (54) Medication (51) Int. Cl. A61K 31/167 (2006.01) A61K 9/00 (2006.01) A61K 31/192 (2006.01) A61K 31/4174 (2006.01) A61P 29/00 (2006.01) A61P 31/16 (2006.01) (43) 28.09.2023 (72) Atkinson, Hartley (74) AJ Pietras IP Limited</p>	<p>(43) 28.09.2023 (62) 2022249231 (72) BLEDSOE, Ruth; BULL, Marina; BLOOD, Kenneth; WHITE, Brian; IRONS, Christopher (74) CreatelP</p>
<p>(71) Abfero Pharmaceuticals, Inc.; University of Florida Research Foundation, Inc. (11) AU-A-2023229497 (21) 2023229497 (22) 12.09.2023 (54) Dosing regimens for treating metal-mediated conditions (51) Int. Cl. A61K 31/4196 (2006.01) A61K 31/164 (2006.01) A61K 31/198 (2006.01) A61K 31/4412 (2006.01) (43) 28.09.2023 (62) 2017307566 (72) BERGERON JR., Raymond J.; BURKE, Steven Keith (74) FB Rice Pty Ltd</p>	<p>(71) AFT Pharmaceuticals Limited (11) AU-A-2023222825 (21) 2023222825 (22) 28.08.2023 (54) Medication (51) Int. Cl. A61K 31/167 (2006.01) A61K 9/00 (2006.01) A61K 31/192 (2006.01) A61K 31/4174 (2006.01) A61P 29/00 (2006.01) A61P 31/16 (2006.01) (43) 28.09.2023 (62) 2022201576 (72) Atkinson, Hartley (74) AJ Pietras IP Limited</p>	<p>(71) Anago Limited (11) AU-A-2023202762 (21) 2023202762 (22) 03.05.2023 (54) A blade sharpness testing device (51) Int. Cl. G01N 3/58 (2006.01) B23Q 3/06 (2006.01) B23Q 17/09 (2006.01) G01L 5/04 (2006.01) (43) 28.09.2023 (62) 2022201621 (72) Dowd, Peter (74) AJ Pietras IP Limited</p>
<p>(71) Ablynx NV (11) AU-A-2023229506 (21) 2023229506 (22) 12.09.2023 (54) Improved serum albumin binders (51) Int. Cl. C07K 16/18 (2006.01) (43) 28.09.2023 (62) 2016357460 (72) BUYSE, Marie-Ange (74) Spruson & Ferguson</p>	<p>(71) Air Products and Chemicals, Inc. (11) AU-A-2023201317 (21) 2023201317 (22) 03.03.2023 (54) Apparatus and Method for Cryogenic Pump Cooldown (51) Int. Cl. F17C 13/02 (2006.01) F04B 15/00 (2006.01) F04D 7/00 (2006.01) F17C 9/02 (2006.01) (31) 17/689,377 (32) 08.03.22 (33) US (43) 28.09.2023 (72) Hoffman, Steven W.; Chalk, David Jonathan; Cohen, Joseph P. (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Angel Group Co., Ltd. (11) AU-A-2023229498 (21) 2023229498 (22) 12.09.2023 (54) System for counting number of game tokens (51) Int. Cl. A63F 3/00 (2006.01) A63F 13/80 (2014.01) G06Q 50/10 (2012.01) G07D 9/00 (2006.01) (43) 28.09.2023 (62) 2023201724 (72) SHIGETA, Yasushi (74) FB Rice Pty Ltd</p>
<p>(71) Aesculap AG (11) AU-A-2023201389 (21) 2023201389 (22) 07.03.2023 (54) Surgical instrument (51) Int. Cl. A61B 17/15 (2006.01) A61F 2/38 (2006.01) A61F 2/46 (2006.01) (31) 102022202314.5 (32) 08.03.22 (33) DE (43) 28.09.2023 (72) Firmbach, Franz-Peter; Anhorn, Svenja (74) Davies Collison Cave Pty Ltd</p>	<p>(71) ALLOSOURCE (11) AU-A-2023226775 (21) 2023226775 (22) 08.09.2023 (54) ADJUSTABLE PRE-SUTURED ALLO-GRAFT CONSTRUCT (51) Int. Cl. A61F 2/08 (2006.01) A61B 17/04 (2006.01) A61F 2/00 (2006.01)</p>	<p>(71) Angel Group Co., Ltd. (11) AU-A-2023229542 (21) 2023229542 (22) 14.09.2023 (54) Inspection system and management system (51) Int. Cl. A63F 3/00 (2006.01) A63F 9/24 (2006.01) G06K 19/04 (2006.01) G07D 5/00 (2006.01) (43) 28.09.2023 (62) 2021229225 (72) SHIGETA, Yasushi (74) Davies Collison Cave Pty Ltd</p>
<p>(71) Apple Inc. (11) AU-A-2023226764 (21) 2023226764 (22) 08.09.2023 (54) Media capture lock affordance for graphical user interface (51) Int. Cl. G06F 3/0488 (2022.01) G06F 3/0484 (2022.01)</p>	<p>(71) Apple Inc. (11) AU-A-2023226764 (21) 2023226764 (22) 08.09.2023 (54) Media capture lock affordance for graphical user interface (51) Int. Cl. G06F 3/0488 (2022.01) G06F 3/0484 (2022.01)</p>	<p>(71) Apple Inc. (11) AU-A-2023226764 (21) 2023226764 (22) 08.09.2023 (54) Media capture lock affordance for graphical user interface (51) Int. Cl. G06F 3/0488 (2022.01) G06F 3/0484 (2022.01)</p>

Applications Open to Public Inspection - Name Index cont'd

(43) 28.09.2023
 (62) 2022204465
 (72) Davydov, Anton M.; Koo, Jane E.; Manzari, Johnnie B.; Paul, Grant R.; Sorrentino III, William A.; Souza Dos Santos, Andre; Wiersema, Daniel J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Aqua-Aerobic Systems, Inc.
 (11) AU-A-2023226766
 (21) 2023226766 (22) 08.09.2023
 (54) System and method for removal of multiple recalcitrant organic compounds from water
 (51) Int. Cl.
 C02F 1/28 (2023.01)
 B01D 61/16 (2006.01)
 C02F 1/44 (2023.01)
 (43) 28.09.2023
 (62) 2020233593
 (72) REID, Terence K.; BAUMANN, Peter G.
 (74) Spruson & Ferguson

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2022201689
 (21) 2022201689 (22) 10.03.2022
 (54) GAMING MACHINE AND TOUCH SCREEN SYSTEM AND METHOD FOR A GAMING MACHINE
 (51) Int. Cl.
 G07F 17/32 (2006.01)
 A63F 13/2145 (2014.01)
 (43) 28.09.2023
 (72) PERROW, Shane; DENNISON, Myra; BRYANT, Natalie
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2023226772
 (21) 2023226772 (22) 08.09.2023
 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
 (51) Int. Cl.
 A63F 9/24 (2006.01)
 (43) 28.09.2023
 (62) 2021204702
 (72) BRAMBLE, Paul Francis Jason
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2023226779
 (21) 2023226779 (22) 08.09.2023
 (54) Gaming machine and gaming process including further game symbols
 (51) Int. Cl.
 A63F 13/45 (2014.01)
 (43) 28.09.2023
 (62) 2021204641
 (72) NGUYEN, Hung Ngoc
 (74) Griffith Hack

Arntz Beteiligungs GmbH & Co. KG see Textilforschungsinstitut Thüringen-Vogtland e.V.
 (21) 2023201488

(71) ASC Engineered Solutions, LLC
 (11) AU-A-2023226723
 (21) 2023226723 (22) 07.09.2023
 (54) Pre-assembled coupling assembly with flexible hose adapter
 (51) Int. Cl.
 F16L 23/04 (2006.01)
 F16L 17/025 (2006.01)
 F16L 17/04 (2006.01)
 (43) 28.09.2023
 (62) 2018306608
 (72) McNamara, Matthew William; Belen, Jordan Cameron; Scott, Stephen Eric
 (74) FPA Patent Attorneys Pty Ltd

(71) ASC Engineered Solutions, LLC
 (11) AU-A-2023226727
 (21) 2023226727 (22) 07.09.2023
 (54) Pre-assembled coupling assembly with cap
 (51) Int. Cl.
 F16L 21/06 (2006.01)
 F16L 17/02 (2006.01)
 F16L 17/025 (2006.01)
 F16L 17/04 (2006.01)
 (43) 28.09.2023
 (62) 2018307817
 (72) McNamara, Matthew William; Belen, Jordan Cameron; Scott, Stephen Eric
 (74) FPA Patent Attorneys Pty Ltd

(71) Auxilium International Holdings, Inc.
 (11) AU-A-2023229488
 (21) 2023229488 (22) 12.09.2023
 (54) CLOSTRIDIUM HISTOLYTICUM ENZYMES AND METHODS FOR THE USE THEREOF
 (51) Int. Cl.
 C12N 9/52 (2006.01)
 (43) 28.09.2023
 (62) 2021221653
 (72) Herber, Wayne K.
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) BAHARIA, M.A.M.A.
 (11) AU-A-2023229541
 (21) 2023229541 (22) 14.09.2023
 (54) SYSTEM AND METHOD FOR DELETING OR EDITING SENT MESSAGES FROM YOUR RECIPIENTS CHAT HISTORY
 (51) Int. Cl.
 G06F 13/00 (2006.01)
 H04M 1/00 (2006.01)
 H04M 11/00 (2006.01)
 (43) 28.09.2023
 (62) 2018436989
 (72) BAHARIA, Mohamed Abdelfattah Mohamed Ali
 (74) Alder IP Pty Ltd

(71) BASF Plant Science Company GmbH
 (11) AU-A-2023226737
 (21) 2023226737 (22) 07.09.2023
 (54) Methods for optimising metabolite production in genetically modified plants and for processing these plants
 (51) Int. Cl.
 C12N 15/82 (2006.01)
 A01H 5/00 (2018.01)
 (43) 28.09.2023
 (62) 2017264650
 (72) Andre, Carl; Cavender, Anthony J.
 (74) Griffith Hack

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
 (11) AU-A-2023201553
 (21) 2023201553 (22) 14.03.2023
 (54) Method and device for characterizing performance of quantum computer, electronic device, and medium
 (51) Int. Cl.
 G06N 10/60 (2022.01)
 (31) 202210249419.5 (32) 14.03.22 (33) CN
 (43) 28.09.2023
 (72) WANG, Kun
 (74) Davies Collison Cave Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
 (11) AU-A-2023201433
 (21) 2023201433 (22) 08.03.2023
 (54) Braking method, vehicle, data processing system and medium
 (51) Int. Cl.
 B60W 10/18 (2012.01)
 B60W 60/00 (2020.01)
 (31) 202210226543.X (32) 09.03.22 (33) CN
 (43) 28.09.2023
 (72) LI, Xianbin; WANG, Letian
 (74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
 (11) AU-A-2023201437
 (21) 2023201437 (22) 08.03.2023
 (54) Vehicle and monitoring system for vehicle
 (51) Int. Cl.
 B60W 60/00 (2020.01)
 B60W 40/02 (2006.01)
 B60W 50/02 (2012.01)
 B60W 50/04 (2006.01)
 (31) 202210225476.X (32) 09.03.22 (33) CN
 (43) 28.09.2023
 (72) PENG, Rui; ZHANG, Yuda; JI, Pingyuan
 (74) FB Rice Pty Ltd

(71) Benson Hill, Inc.
 (11) AU-A-2023226754
 (21) 2023226754 (22) 08.09.2023
 (54) Compositions and methods for modifying genomes
 (51) Int. Cl.
 C12N 9/22 (2006.01)
 C12N 15/10 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- C12N 15/62** (2006.01)
C12N 15/82 (2006.01)
(43) 28.09.2023
(62) 2017220789
(72) BEGEMANN, Matthew; GRAY, Benjamin Neil
(74) Spruson & Ferguson
-
- (71)** Biomerieux, Inc.
(11) AU-A-2023226786
(21) 2023226786 **(22)** 08.09.2023
(54) Methods for confirming charged-particle generation in an instrument, and related instruments
(51) Int. Cl.
G01N 30/72 (2006.01)
H01J 49/26 (2006.01)
H01J 49/40 (2006.01)
(43) 28.09.2023
(62) 2019220546
(72) VANGORDON, James Arthur
(74) WRAYS PTY LTD
-
- (71)** BISSELL Inc.
(11) AU-A-2023201202
(21) 2023201202 **(22)** 28.02.2023
(54) SURFACE CLEANING APPARATUS WITH STEAM DELIVERY
(51) Int. Cl.
A47L 11/40 (2006.01)
A47L 7/00 (2006.01)
A47L 9/24 (2006.01)
A47L 11/34 (2006.01)
A47L 13/22 (2006.01)
(31) 63/318,911 **(32)** 11.03.22 **(33)** US
(43) 28.09.2023
(72) NGUYEN, Tom Minh; FORDAHL, Joseph D.
(74) Griffith Hack
-
- (71)** Boston Scientific Scimed, Inc.
(11) AU-A-2023229500
(21) 2023229500 **(22)** 12.09.2023
(54) Transperineal vapor ablation systems and methods
(51) Int. Cl.
A61B 18/04 (2006.01)
A61B 1/07 (2006.01)
A61B 8/08 (2006.01)
A61B 8/12 (2006.01)
A61B 10/02 (2006.01)
A61B 10/04 (2006.01)
A61B 18/14 (2006.01)
(43) 28.09.2023
(62) 2018205314
(72) JERKE, Eric; HOEY, Michael; KRAVIK, Richard Charles; SCHROM, Mark; BYRNE, Matthew; HASTINGS, Roger Noel; MAUCH, Grant
(74) Spruson & Ferguson
-
- (71)** Brandt Industries Canada Ltd.
(11) AU-A-202224769
(21) 202224769 **(22)** 31.08.2022
(54) Cultivator
(51) Int. Cl.
A01B 33/02 (2006.01)
-
- A01B 49/02** (2006.01)
(31) 3152333 **(32)** 14.03.22 **(33)** CA
(43) 28.09.2023
(72) NEUDORF, Blake; SUMMACH, Dale; RUDIN, Brian; HANSEN, Alex; SWANSON, Greg
(74) FB Rice Pty Ltd
-
- (71)** Broadridge Financial Solutions, Inc.
(11) AU-A-2023229525
(21) 2023229525 **(22)** 13.09.2023
(54) DATABASE-CENTERED COMPUTER NETWORK SYSTEMS AND COMPUTER-IMPLEMENTED METHODS FOR CRYPTOGRAPHICALLY-SECURED DISTRIBUTED DATA MANAGEMENT
(51) Int. Cl.
G06F 21/62 (2013.01)
G06F 16/25 (2019.01)
G06F 16/27 (2019.01)
(43) 28.09.2023
(62) 2021215303
(72) Hogan, John; Dampeer, Lyell; Venkatraman, Laxmikanth; Mayadas, Vijay; Rosch, Patricia; Gullotta, John; Shaik, Ashfaq; Shaik, Saheer; Barakat, Horacio; Seshagiri, Kishore; Wiegand, James; Maiellano, Elizabeth; Sampath, Rekha
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** Canon Kabushiki Kaisha
(11) AU-A-2023226720
(21) 2023226720 **(22)** 07.09.2023
(54) Electrographic image forming apparatus, cartridge, and drum unit
(51) Int. Cl.
G03G 21/16 (2006.01)
G03G 21/18 (2006.01)
(43) 28.09.2023
(62) 2020241005
(72) MORIOKA, Masanari; KAWANAMI, Takeo; FUKASAWA, Yu
(74) Spruson & Ferguson
-
- (71)** Casio Computer Co., Ltd.
(11) AU-A-2023226734
(21) 2023226734 **(22)** 07.09.2023
(54) CONVERSION LENS ATTACHMENT STRUCTURE, AND INSPECTION DEVICE
(51) Int. Cl.
G02B 7/02 (2021.01)
A61B 5/00 (2006.01)
G03B 17/14 (2021.01)
G03B 17/56 (2021.01)
(43) 28.09.2023
(62) 2021215477
(72) ISHIBASHI, Jumpei; HOUJOU, Yoshiharu
(74) Griffith Hack
-
- (71)** CASIO COMPUTER CO., LTD.
(11) AU-A-2023201166
(21) 2023201166 **(22)** 27.02.2023
-
- (54)** RECORDING APPARATUS, IMAGING APPARATUS, TIME SETTING CONTROL METHOD, AND PROGRAM
(51) Int. Cl.
G11B 27/11 (2006.01)
G06V 10/20 (2022.01)
G11B 27/36 (2006.01)
H04N 5/00 (2011.01)
H04N 7/00 (2011.01)
H04N 13/10 (2018.01)
(31) 2022-037694 **(32)** 11.03.22 **(33)** JP
(43) 28.09.2023
(72) ISHIHARA, Muneyuki; HAYASHI, Yuya
(74) Griffith Hack
-
- (71)** CATERPILLAR INC.
(11) AU-A-2023201065
(21) 2023201065 **(22)** 23.02.2023
(54) CABIN LIGHT AND CABIN LIGHT ASSEMBLY FOR MACHINE
(51) Int. Cl.
B60Q 3/53 (2017.01)
(31) 17/654,636 **(32)** 14.03.22 **(33)** US
(43) 28.09.2023
(72) JOHNSON, Terril James
(74) FPA Patent Attorneys Pty Ltd
-
- (71)** CATERPILLAR PAVING PRODUCTS INC.
(11) AU-A-2023201066
(21) 2023201066 **(22)** 23.02.2023
(54) WORK MACHINE STABILITY CONTROL SYSTEM
(51) Int. Cl.
E01C 19/26 (2006.01)
E01C 19/00 (2006.01)
(31) 17/692,718 **(32)** 11.03.22 **(33)** US
(43) 28.09.2023
(72) HUHN, Derek K.; OETKEN, Nicholas A.; GERDING, David E.
(74) FPA Patent Attorneys Pty Ltd
-
- Charité - Universitätsmedizin Berlin see Rhythm Pharmaceuticals, Inc.**
(21) 2023229494
-
- (71)** Checkmate Pharmaceuticals, Inc.
(11) AU-A-2023229532
(21) 2023229532 **(22)** 13.09.2023
(54) SYNTHETIC RIG-I-LIKE RECEPTOR AGONISTS
(51) Int. Cl.
C12N 15/117 (2010.01)
(43) 28.09.2023
(62) 2019255370
(72) KRIEG, Arthur M.; MORRIS, Aaron Jay
(74) RNB IP PTY LTD
-
- (71)** Chevron U.S.A. Inc.
(11) AU-A-2023226752
(21) 2023226752 **(22)** 08.09.2023
(54) Systems and methods for short loop regeneration of gas dehydration units
(51) Int. Cl.
B01D 53/26 (2006.01)
B01J 20/18 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- C10L 3/10** (2006.01)
C10L 3/12 (2006.01)
(43) 28.09.2023
(62) 2018200335
(72) Gursahani, Kamal; Marshall, Robert E.; Tafreshi, Saham Sam; Owen, Yawen Q.
(74) FPA Patent Attorneys Pty Ltd
-
- (71)** Chugai Seiyaku Kabushiki Kaisha
(11) AU-A-2023229507
(21) 2023229507 **(22)** 12.09.2023
(54) Target-tissue-specific antigen-binding molecule
(51) Int. Cl.
C07K 16/32 (2006.01)
A61K 39/395 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
G01N 33/15 (2006.01)
G01N 33/50 (2006.01)
G01N 33/531 (2006.01)
C12N 15/09 (2006.01)
(43) 28.09.2023
(62) 2020203710
(72) IGAWA, Tomoyuki; TAMBA, Shigero; TATSUMI, Kanako; SHIMIZU, Shun; KADONO, Shojiro
(74) Spruson & Ferguson
-
- (71)** Cibus Europe B.V.; Cibus US LLC
(11) AU-A-2023216834
(21) 2023216834 **(22)** 17.08.2023
(54) Methods And Compositions For Increasing Efficiency Of Targeted Gene Modification Using Oligonucleotide-Mediated Gene
(51) Int. Cl.
A01H 1/00 (2006.01)
A01H 5/00 (2018.01)
(43) 28.09.2023
(62) 2020217388
(72) BEETHAM, Peter R.; GOCAL, Gregory F. W.; SCHOPKE, Christian; SAUER, Noel Joy; PEARCE, James; SEGAMI, Rosa E.; MOZORUK, Jerry
(74) WRAYS PTY LTD
-
- Cibus US LLC see Cibus Europe B.V.**
(21) 2023216834
-
- (71)** CNPHARM CO., LTD.
(11) AU-A-2022368370
(21) 2022368370 **(22)** 20.12.2022
(54) PHARMACEUTICAL COMPOSITION CONTAINING DOCETAXEL OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
A61K 31/337 (2006.01)
A61K 47/50 (2017.01)
(31) 10-2022-0029687 **(32)** 08.03.22 **(33)** KR
-
- (43)** 28.09.2023
(72) KIM, Ho Jun; KIM, Ki Yeok; JIN, Geun Woo
(74) LAMINAR IP PTY LTD
-
- (71)** Commonwealth Scientific and Industrial Research Organisation
(11) AU-A-2023204701
(21) 2023204701 **(22)** 14.07.2023
(54) Regulation of cytokine production
(51) Int. Cl.
A61K 31/7088 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
(43) 28.09.2023
(62) 2016363114
(72) Stewart, Cameron; Ambrose, Rebecca; Bean, Andrew
(74) FB Rice Pty Ltd
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- (71)** Corning Research & Development Corporation
(11) AU-A-2023229553
(21) 2023229553 **(22)** 14.09.2023
(54) HIGH DENSITY FIBER OPTIC RIBBON CABLE
(51) Int. Cl.
G02B 6/44 (2006.01)
G02B 6/00 (2006.01)
H01B 7/00 (2006.01)
(43) 28.09.2023
(62) 2019394773
(72) Blazer, Bradley Jerome; Seddon, David Alan; Sistare, Rebecca Elizabeth; Temple, Jr., Kenneth Darrell
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Coulisse B.V.
(11) AU-A-2023201364
(21) 2023201364 **(22)** 06.03.2023
(54) Assembly of a motor for a tube of a screen and a set of adaptable plugs for engaging the inner surface of the tube
(51) Int. Cl.
E06B 9/72 (2006.01)
E06B 9/44 (2006.01)
(31) 2031190 **(32)** 08.03.22 **(33)** NL
(43) 28.09.2023
(72) Hendriks, Wouter; Essink, Ike; Nijland, Jochem Andreas
(74) LAMINAR IP PTY LTD
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- (71)** Croptimistic Technology Inc.
(11) AU-A-2023200985
(21) 2023200985 **(22)** 20.02.2023
(54) A METHOD AND SYSTEM FOR CHARACTERISING THE SOIL MOISTURE CHARACTERISTICS OF MANAGEMENT ZONES IN BOTH TIME AND SPACE, SPECIFIC TO ZONE-BASED MANAGEMENT FOR VARIABLE RATE CROP INPUTS
(51) Int. Cl.
G01N 33/24 (2006.01)
A01B 79/00 (2006.01)
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- G01V 99/00** (2009.01)
(31) 63/318,557 **(32)** 10.03.22 **(33)** US
(43) 28.09.2023
(72) FREEMAN, Jonathan; WILLNESS, Corwyn; RUDE, Derek
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** CSIdentity Corporation
(11) AU-A-2023226759
(21) 2023226759 **(22)** 08.09.2023
(54) Authentication systems and methods for on-demand products
(51) Int. Cl.
G06F 7/04 (2006.01)
G06Q 20/38 (2012.01)
H04L 9/40 (2022.01)
(43) 28.09.2023
(62) 2021204354
(72) CHAPA, Isaac; HATLEY, Steven; ROSS, Joe
(74) Spruson & Ferguson
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- (71)** Daon Technology
(11) AU-A-2023222967
(21) 2023222967 **(22)** 31.08.2023
(54) METHODS AND SYSTEMS FOR DETERMINING USER LIVENESS AND VERIFYING USER IDENTITIES
(51) Int. Cl.
G06V 10/00 (2022.01)
G06F 21/32 (2013.01)
G06V 40/40 (2022.01)
(43) 28.09.2023
(62) 2022203880
(72) IONITA, Mircea
(74) Wallington-Dummer
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- (71)** Deere & Company
(11) AU-A-2023200503
(21) 2023200503 **(22)** 31.01.2023
(54) Predictive implement height control
(51) Int. Cl.
A01D 41/127 (2006.01)
A01B 63/111 (2006.01)
(31) 17/689,349 **(32)** 08.03.22 **(33)** US
(43) 28.09.2023
(72) Wonderlich, Grant J.; Kinney, Colter W.; Wackerle, Bradley A.; Mariman, Nathan A.; Peterson, James R.; Maro, Randall A.; Herrmann, Kenneth E.
(74) Davies Collison Cave Pty Ltd
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- (71)** Deere & Company
(11) AU-A-2023201241
(21) 2023201241 **(22)** 01.03.2023
(54) Spring dampening for accumulator system
(51) Int. Cl.
F15B 1/08 (2006.01)
(31) 18/113,877 **(32)** 24.02.23 **(33)** US
(31) 63/319,267 **(32)** 11.03.22 **(33)** US
(43) 28.09.2023
(72) Maro, Randall A.
(74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023214260
 (21) 2023214260 (22) 09.08.2023
 (54) HEMODIALYSIS SYSTEM
 (51) Int. Cl.
A61M 1/14 (2006.01)
 (43) 28.09.2023
 (62) 2021202618
 (72) Tracey, Brian; Grant, Kevin L.; Wilt, Michael J.; Dale, James D.; Collins, David E.; Bodwell, Jesse T.; Rudolf, Brett A.; Gustin, Lisa A.
 (74) RnB IP Pty Ltd
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- (71) DName-iT NV
 (11) AU-A-2023229558
 (21) 2023229558 (22) 14.09.2023
 (54) METHODS FOR IDENTIFICATION OF SAMPLES
 (51) Int. Cl.
C12Q 1/68 (2018.01)
 (43) 28.09.2023
 (62) 2017266299
 (72) Cuppens, Harry
 (74) Collison & Co
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- (71) Dominion Energy, Inc.
 (11) AU-A-2023229491
 (21) 2023229491 (22) 12.09.2023
 (54) Systems and methods for stabilizer control
 (51) Int. Cl.
G05B 11/01 (2006.01)
H02J 3/14 (2006.01)
H02J 13/00 (2006.01)
 (43) 28.09.2023
 (62) 2021204368
 (72) TYLER, Stephen J.; POWELL, Phillip W.
 (74) Griffith Hack
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- (71) Dongguan qi qi clothing co., Ltd
 (11) AU-A-2022218468
 (21) 2022218468 (22) 15.08.2022
 (54) A Balanced Insole Structure with Massage Function
 (51) Int. Cl.
A43B 17/00 (2006.01)
A43B 7/00 (2006.01)
A43B 17/02 (2006.01)
A43B 17/14 (2006.01)
A43B 19/00 (2006.01)
A43B 23/07 (2006.01)
 (31) 202210239663.3 (32) 11.03.22 (33) CN
 (43) 28.09.2023
 (72) YIN, JiQi
 (74) Remarkable IP
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- (71) E Ink California, LLC
 (11) AU-A-2023229534
 (21) 2023229534 (22) 14.09.2023
 (54) PIEZO ELECTROPHORETIC DISPLAY
 (51) Int. Cl.
G02F 1/167 (2019.01)
G02F 1/1333 (2006.01)
G02F 1/1675 (2019.01)

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 (62) 2022202254
 (72) Gu, Haiyan; Zang, HongMei; Lin, Craig; Berhane, Abraham
 (74) RnB IP Pty Ltd
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- (71) Eisai R&D Management Co., Ltd.
 (11) AU-A-2023226763
 (21) 2023226763 (22) 08.09.2023
 (54) Chiral reagents for preparation of homogeneous oligomers
 (51) Int. Cl.
C07F 9/6558 (2006.01)
A61K 31/713 (2006.01)
C07F 9/6561 (2006.01)
C07H 21/00 (2006.01)
 (43) 28.09.2023
 (62) 2021290235
 (72) ENDO, Atsushi; YU, Robert T.; FANG, Francis; CHOI, Hyeong Wook; SHAN, Mingde
 (74) Spruson & Ferguson
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- (71) Equifax Inc.
 (11) AU-A-2023226784
 (21) 2023226784 (22) 08.09.2023
 (54) Interactive model performance monitoring
 (51) Int. Cl.
G06F 11/34 (2006.01)
 (43) 28.09.2023
 (62) 2017427586
 (72) CHEN, Yujun; WANG, Zhenyu; CHANG, Vickey; FENG, Jeffrey
 (74) FB Rice Pty Ltd
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- (71) Evoqua Water Technologies LLC
 (11) AU-A-2023229499
 (21) 2023229499 (22) 12.09.2023
 (54) Ballast water treatment and neutralization
 (51) Int. Cl.
B63J 4/00 (2006.01)
 (43) 28.09.2023
 (62) 2017331371
 (72) ZOLOTARSKY, Vadim
 (74) Spruson & Ferguson
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- (71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2023222839
 (21) 2023222839 (22) 29.08.2023
 (54) ADAPTOR FOR RESPIRATORY ASSISTANCE SYSTEMS
 (51) Int. Cl.
A61M 15/08 (2006.01)
A61M 16/08 (2006.01)
A61M 16/10 (2006.01)
 (43) 28.09.2023
 (62) 2021212136
 (72) KEMPS, David Robert
 (74) AJ PARK
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- (71) Foremost Worldwide Company Limited
 (11) AU-A-2023201511
 (21) 2023201511 (22) 10.03.2023
 (54) Dual use device and furniture module

- (51) Int. Cl.
A47C 31/11 (2006.01)
 (31) 202220524626.2 (32) 10.03.22 (33) CN
 (43) 28.09.2023
 (72) CHEN, Liang Chou
 (74) Spruson & Ferguson
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- (71) Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.
 (11) AU-A-2023226770
 (21) 2023226770 (22) 08.09.2023
 (54) Decoder and decoding method for LC3 concealment including full frame loss concealment and partial frame loss concealment
 (51) Int. Cl.
G10L 19/005 (2013.01)
H04L 1/00 (2006.01)
G10L 19/02 (2013.01)
 (43) 28.09.2023
 (62) 2020223488
 (72) TOMASEK, Adrian; SPER-SCHNEIDER, Ralph; BÜTHE, Jan; BENNDORF, Conrad; DIETZ, Martin; SCHNELL, Markus; SCHLEGEL, Maximilian
 (74) FB Rice Pty Ltd
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- (71) Fresenius Kabi USA, LLC
 (11) AU-A-2023226761
 (21) 2023226761 (22) 08.09.2023
 (54) Fluid flow control and delivery via multiple fluid pumps
 (51) Int. Cl.
A61M 1/00 (2006.01)
F04B 43/02 (2006.01)
F04B 43/12 (2006.01)
 (43) 28.09.2023
 (62) 2018240002
 (72) AMBROSINA, Jesse E.; POWERS, Benjamin G.
 (74) Spruson & Ferguson
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- (71) Genesis Systems LLC
 (11) AU-A-2023229470
 (21) 2023229470 (22) 11.09.2023
 (54) Atmospheric Water Generation Systems and Methods
 (51) Int. Cl.
E03B 3/28 (2006.01)
 (43) 28.09.2023
 (62) 2021209303
 (72) Stuckenberg, David J.
 (74) Griffith Hack
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- (71) GeoRoc International, Inc.
 (11) AU-A-2023214389
 (21) 2023214389 (22) 11.08.2023
 (54) METHODS OF THERMAL PROCESSING
 (51) Int. Cl.
B01J 6/00 (2006.01)
 (43) 28.09.2023
 (62) 2018221016
 (72) Moricca, Salvatore; Chung, Simon; Angelico, Bruno Salvatore; Stephens, Eric

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Daniel; Stewart, Martin William Alexander
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) GE Video Compression, LLC
(11) AU-A-2023229505
(21) 2023229505 **(22)** 12.09.2023
(54) Low delay picture coding
(51) Int. Cl.
H04N 19/00 (2014.01)

(43) 28.09.2023
(62) 2022268403
(72) SCHIERL, Thomas; GEORGE, Valeri; HENKEL, Anastasia; MARPE, Detlev; GRUENEBERG, Karsten; SKUPIN, Robert
(74) Griffith Hack

Glassy, M.C. see Nascent Biotech, Inc.
(21) 2023226718

(71) GPB Scientific, Inc.
(11) AU-A-2023226738
(21) 2023226738 **(22)** 07.09.2023
(54) Combined purification and concentration by deterministic lateral displacement with recirculation product
(51) Int. Cl.

B01L 3/00 (2006.01)
A61K 35/17 (2015.01)
C12M 1/00 (2006.01)
C12N 5/00 (2006.01)

(43) 28.09.2023
(62) 2019270934
(72) SKELLEY, Alison; WARD, Anthony; GANDHI, Khushroo; CAMPOS-GONZALEZ, Roberto
(74) Spruson & Ferguson

(71) GreenLight Biosciences, Inc.
(11) AU-A-2022201684
(21) 2022201684 **(22)** 10.03.2022
(54) METHODS AND COMPOSITIONS FOR CONTROL OF ARTHROPOD PESTS
(51) Int. Cl.
A01N 63/60 (2020.01)
A01P 7/02 (2006.01)
A01N 37/52 (2006.01)

(43) 28.09.2023
(72) Inberg, Alex; Masucci, James
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Grifols Diagnostic Solutions Inc.
(11) AU-A-2023229556
(21) 2023229556 **(22)** 14.09.2023
(54) NOVEL MAMMALIAN EXPRESSED HUMAN IMMUNODEFICIENCY VIRUS ENVELOPE PROTEIN ANTIGENS
(51) Int. Cl.
C07K 14/155 (2006.01)
A61K 39/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/49 (2006.01)

G01N 33/543 (2006.01)
(43) 28.09.2023
(62) 2018366480
(72) Melton Witt, Jody; Son, Sodany; Baumeister, Mark; Berry, Jody
(74) PHILLIPS ORMONDE FITZPATRICK

(71) GS Yuasa International Ltd.
(11) AU-A-2023226793
(21) 2023226793 **(22)** 09.09.2023
(54) INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD, AND COMPUTER PROGRAM
(51) Int. Cl.
H02J 13/00 (2006.01)

(43) 28.09.2023
(62) 2018398489
(72) MATSUSHIMA, Hitoshi; UCHIBORI, Tomikatsu; IMAIZUMI, Hirofumi; NAKAI, Keita; MATSUMOTO, Tetsuro; YAMASAKI, Kayo; KITAGAWA, Takuya; KAMATA, Akira
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

Gupta, R.K. see Nascent Biotech, Inc.
(21) 2023226718

(71) Hager-Electro SAS
(11) AU-A-2023201496
(21) 2023201496 **(22)** 10.03.2023
(54) System for connecting a modular electrical device to an electrical distribution panel, modular electrical device, and assembly comprising an electrical distribution panel and such a connection system
(51) Int. Cl.

H02B 1/21 (2006.01)
H01H 71/02 (2006.01)
H01H 71/08 (2006.01)
H01H 71/12 (2006.01)

(31) 2202113 **(32)** 10.03.22 **(33)** FR
(43) 28.09.2023
(72) PHILIPPE, Paul; WERNER, Dominique; KIBLER, Arnaud
(74) FPA Patent Attorneys Pty Ltd

(71) Hager-Electro SAS
(11) AU-A-2023201497
(21) 2023201497 **(22)** 10.03.2023
(54) Actuator for an electrical protection appliance
(51) Int. Cl.
H01H 71/52 (2006.01)
H01H 71/30 (2006.01)

(31) 2202114 **(32)** 10.03.22 **(33)** FR
(43) 28.09.2023
(72) CHAMAGNE, Alexandre; RIGAUD, Julien
(74) FPA Patent Attorneys Pty Ltd

(71) Halliburton Energy Services, Inc.
(11) AU-A-2022263556

(21) 2022263556 **(22)** 04.11.2022
(54) BENTONITE-BASED GROUTS AND RELATED METHODS

(51) Int. Cl.
C09K 8/05 (2006.01)
C04B 14/28 (2006.01)
C04B 14/36 (2006.01)
C04B 22/12 (2006.01)
C04B 28/10 (2006.01)
C04B 28/36 (2006.01)
C09K 3/10 (2006.01)
C09K 8/46 (2006.01)
C09K 17/06 (2006.01)
E21B 33/13 (2006.01)
E21B 33/14 (2006.01)

(31) 17/654,125 **(32)** 09.03.22 **(33)** US
(43) 28.09.2023
(72) Stone, Shantel Jeanette
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Harbison-Fischer, Inc.
(11) AU-A-2023201058
(21) 2023201058 **(22)** 23.02.2023
(54) VALVE ASSEMBLIES, VALVE ASSEMBLIES FOR USE WITH DOWNHOLE PUMPS AND RELATED METHODS
(51) Int. Cl.
F04B 53/10 (2006.01)
F04B 47/02 (2006.01)
F04B 53/12 (2006.01)
F16K 15/04 (2006.01)

(31) 17/691,051 **(32)** 09.03.22 **(33)** US
(43) 28.09.2023
(72) Narasimhan, Ramamurthy; Pugliese, Juan Filipe Correa; Salloom, Riyadh; De Werff, Randy; Rogers, Bradley C.; Kemp, Jimmy; Bishop, Matthew
(74) James & Wells Intellectual Property

(71) Healthcare Systems; Kato, Y.
(11) AU-A-2023229545
(21) 2023229545 **(22)** 14.09.2023
(54) NOVEL COMPOUND CONTAINED IN MANUKA HONEY AND USE OF SAME
(51) Int. Cl.
C07H 15/203 (2006.01)
A61K 31/7034 (2006.01)
A61K 35/64 (2015.01)
A61P 1/04 (2006.01)
A61P 29/00 (2006.01)
A61P 31/04 (2006.01)
A61P 43/00 (2006.01)
G01N 30/88 (2006.01)

(43) 28.09.2023
(62) 2021232716
(72) Kato, Yoji
(74) CreatelP

(71) Horton do Brasil Tecnologia Offshore, Ltda.
(11) AU-A-2023229560
(21) 2023229560 **(22)** 14.09.2023
(54) Floating offshore structures with round pontoons
(51) Int. Cl.
B63B 35/44 (2006.01)
E21B 15/02 (2006.01)

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 (62) 2017357003
 (72) Souza, Marcelo I.L.; Finn, Lyle David; Castello, Xavier; Guimarães, Rodrigo M.R.; Bodanese, Luiz Germano; Bodanese, Rafael
 (74) FPA Patent Attorneys Pty Ltd

(71) Howmedica Osteonics Corp.
 (11) AU-A-2023201506
 (21) 2023201506 (22) 10.03.2023
 (54) Process of dying polymer parts
 (51) Int. Cl.
B05D 1/18 (2006.01)
 (31) 63/318,531 (32) 10.03.22 (33) US
 (43) 28.09.2023
 (72) BEZUIDENHOUT, Michael
 (74) FB Rice Pty Ltd

(71) Hsu, J.
 (11) AU-A-2023200190
 (21) 2023200190 (22) 13.01.2023
 (54) QUICK RELEASE STRUCTURE OF MOTOR
 (51) Int. Cl.
H01H 3/00 (2006.01)
H01R 9/24 (2006.01)
H02K 11/30 (2016.01)
 (31) 111109024 (32) 11.03.22 (33) TW
 (43) 28.09.2023
 (72) Hsu, Jui-Feng
 (74) Alfred Lei

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2023229559
 (21) 2023229559 (22) 14.09.2023
 (54) A VIDEO ENCODER, A VIDEO DECODER AND CORRESPONDING METHODS
 (51) Int. Cl.
H04N 19/159 (2014.01)
H04N 19/176 (2014.01)
 (43) 28.09.2023
 (62) 2019344400
 (72) Gao, Han; Esenlik, Semih; Chen, Jianle; Kotra, Anand Meher; Wang, Biao; Zhao, Zhijie
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
 (11) AU-A-2023201234
 (21) 2023201234 (22) 01.03.2023
 (54) TIPPING IN GAMING ESTABLISHMENT RETAIL PURCHASES
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63B 71/00 (2006.01)
A63F 5/04 (2006.01)
 (31) 17/691,766 (32) 10.03.22 (33) US
 (43) 28.09.2023
 (72) Shepherd, Jeffery; Higgins, Kevin
 (74) PHILLIPS ORMONDE FITZPATRICK

Illumina, Inc. see Oregon Health & Science University
 (21) 2023222858

(71) Implantica Patent Ltd
 (11) AU-A-2023229543
 (21) 2023229543 (22) 14.09.2023
 (54) Device and method for bone adjustment operating with wireless transmission of energy
 (51) Int. Cl.
A61B 17/64 (2006.01)
A61B 17/72 (2006.01)
 (43) 28.09.2023
 (62) 2021215271
 (72) Forsell, Peter
 (74) WRAYS PTY LTD

(71) Incyte Corporation
 (11) AU-A-2023227554
 (21) 2023227554 (22) 11.09.2023
 (54) TETRAHYDRO-IM-
 IDAZO[4,5-C]PYRIDINE DERIVATIVES AS PD-L1 IMMUNOMODULATORS
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
 (43) 28.09.2023
 (62) 2019267824
 (72) WU, Liangxing; XIAO, Kaijiong; YAO, Wenqing
 (74) Houlihan Intellectual Property Pty Ltd

(71) INCYTE CORPORATION
 (11) AU-A-2023229471
 (21) 2023229471 (22) 11.09.2023
 (54) CRYSTALLINE SOLID FORMS OF A BET INHIBITOR
 (51) Int. Cl.
C07D 471/02 (2006.01)
 (43) 28.09.2023
 (62) 2021215112
 (72) CHEN, Shili; JIA, Zhongjiang; LIU, Pingli; QIAO, Lei; WU, Yongzhong; ZHOU, Jiacheng; LI, Qun
 (74) Houlihan Intellectual Property Pty Ltd

(71) Innovo Therapeutics Inc.
 (11) AU-A-2023226778
 (21) 2023226778 (22) 08.09.2023
 (54) Heteroarylaminopyridinol derivative and pharmaceutical composition comprising same as active ingredient for prevention or treatment of autoimmune disease
 (51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/443 (2006.01)
A61K 31/4436 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61P 1/00 (2006.01)
A61P 29/00 (2006.01)
C07D 405/12 (2006.01)
C07D 409/12 (2006.01)
C07D 409/14 (2006.01)

(43) 28.09.2023
 (62) 2020354138
 (72) Jeong, Byeong-Seon; Kim, Jung-Ae; Nam, Tae-gyu
 (74) FPA Patent Attorneys Pty Ltd

(71) INOSYSTEMS
 (11) AU-A-2023201383
 (21) 2023201383 (22) 07.03.2023
 (54) APPARATUS FOR SUPPLYING NO TWO GAS OUTLETS
 (51) Int. Cl.
A61M 16/12 (2006.01)
A61M 16/20 (2006.01)
 (31) 2202053 (32) 09.03.22 (33) FR
 (43) 28.09.2023
 (72) Marchal, Frédéric
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) INOSYSTEMS
 (11) AU-A-2023201384
 (21) 2023201384 (22) 07.03.2023
 (54) NO DELIVERY APPARATUS WITH MANUAL VENTILATION SYSTEM
 (51) Int. Cl.
A61M 16/12 (2006.01)
A61M 16/20 (2006.01)
 (31) 2202056 (32) 09.03.22 (33) FR
 (43) 28.09.2023
 (72) Marchal, Frédéric
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Inovio Pharmaceuticals, Inc.
 (11) AU-A-2023226760
 (21) 2023226760 (22) 08.09.2023
 (54) The in vivo use of chondroitinase and/or hyaluronidase to enhance delivery of an agent
 (51) Int. Cl.
C12N 9/88 (2006.01)
A61K 35/30 (2015.01)
A61K 38/51 (2006.01)
 (43) 28.09.2023
 (62) 2017257191
 (72) SMITH, Trevor; SCHOMMER, Nina; BRODERICK, Kater; YUNG, Bryan; SCHULTHEIS, Katherine
 (74) FB Rice Pty Ltd

(71) Institute of Biological and Medical Engineering, Guangdong Academy of Sciences
 (11) AU-A-2023201416
 (21) 2023201416 (22) 07.03.2023
 (54) METHOD FOR PREPARING LEVO-GLUCOSAN BY CATALYTIC PYROLYSIS OF CELLULOSES
 (51) Int. Cl.
B01J 23/06 (2006.01)
B01J 23/24 (2006.01)
B01J 23/745 (2006.01)
B01J 23/80 (2006.01)
B01J 23/86 (2006.01)
B01J 38/00 (2006.01)
C07H 1/00 (2006.01)
C07H 3/10 (2006.01)
C10B 53/02 (2006.01)

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(43) 28.09.2023
(72) Jiang, Liqun; Ma, Nianfang; He, Zhiyuan; Zhang, Yingchuan; Wang, Qingfu
(74) Madderns Pty Ltd

(71) Itron, Inc.
(11) AU-A-2023201081
(21) 2023201081 (22) 23.02.2023
(54) Operations management of battery-powered devices
(51) Int. Cl.
G06F 1/3206 (2019.01)
G01R 21/00 (2006.01)
G01R 31/36 (2020.01)
H02J 7/00 (2006.01)
H02J 9/00 (2006.01)
H04W 52/02 (2009.01)

(31) 17/691,907 (32) 10.03.22 (33) US
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(72) EDWARDS, Bruce; STRASSER, Robert Joseph
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(21) 2023229504

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(21) 2023229510

(71) Kabushiki Kaisha Toshiba
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(54) CARBON DIOXIDE ELECTROLYTIC DEVICE
(51) Int. Cl.
C25B 3/26 (2021.01)
C01B 3/02 (2006.01)
C01B 13/02 (2006.01)
C01B 32/40 (2017.01)
C25B 9/19 (2021.01)
C25B 15/08 (2006.01)

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(72) MIKOSHIBA, Satoshi; KITAGAWA, Ryota; ONO, Akihiko; YAMAGIWA, Masakazu; KOFUJI, Yusuke; KIYOTA, Yasuhiro
(74) Griffith Hack

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
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(21) 2023200981 (22) 20.02.2023
(54) Industrial vehicle
(51) Int. Cl.
B60W 30/095 (2012.01)
B60W 30/09 (2012.01)
B60W 40/04 (2006.01)
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(72) AKATSUKA, Keisuke
(74) Griffith Hack

Kato, Y. see Healthcare Systems
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(71) Kindred Biosciences, Inc.
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(54) IgG Fc variants for veterinary use
(51) Int. Cl.
C07K 14/31 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61K 39/40 (2006.01)
C07K 16/28 (2006.01)
C12N 15/82 (2006.01)
G01N 33/68 (2006.01)

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(71) KPR U.S., LLC
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(54) Compression garment compliance
(51) Int. Cl.
A61H 9/00 (2006.01)
A61B 5/00 (2006.01)

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(54) A REFRIGERATOR COMPRISING A CONTAINER
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F25D 23/12 (2006.01)

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(72) YE, Kwang Young
(74) Dentons Patent Attorneys Australasia Limited

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(21) 2023204339 (22) 06.07.2023
(54) Refrigerator
(51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)

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(72) LEE, Donghoon; LEE, Woogyong; SON, Sunggyun; LEE, Donghoon;

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(74) Dentons Patent Attorneys Australasia Limited

(71) Mahfouz, M.
(11) AU-A-2023226765
(21) 2023226765 (22) 08.09.2023
(54) Bone reconstruction and orthopedic implants
(51) Int. Cl.
A61F 2/30 (2006.01)
(43) 28.09.2023
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(72) Mahfouz, Mohamed Rashwan
(74) FPA Patent Attorneys Pty Ltd

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(54) Bone reconstruction and orthopedic implants
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A61F 2/30 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

(71) Massachusetts Institute of Technology; Translate Bio, Inc.
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A61K 48/00 (2006.01)
C12N 15/89 (2006.01)

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(72) DeRosa, Frank; Dong, Yizhou; Heartlein, Michael; Anderson, Daniel
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) MAX CO., LTD.
(11) AU-A-2023201557
(21) 2023201557 (22) 14.03.2023
(54) BINDING DEVICE, BINDING SYSTEM, CONSUMABLE ITEM LOADING DEVICE, CONSUMABLE ITEM LOADING SYSTEM, AND CONSUMABLE ITEM LOADING METHOD
(51) Int. Cl.
E04G 21/12 (2006.01)
B21F 15/06 (2006.01)
B25J 11/00 (2006.01)
(31) 2022-038982 (32) 14.03.22 (33) JP
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(72) ITO, Takahiro; NODAGUCHI, Yosei
(74) AJ PARK

(71) Maxeon Solar Pte. Ltd.
(11) AU-A-2023229486
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H01L 31/05 (2014.01)
H01L 31/042 (2014.01)
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 (74) Southern Cross Intellectual Property

(71) MEDACTA INTERNATIONAL SA
 (11) AU-A-2023229472
 (21) 2023229472 (22) 11.09.2023
 (54) A method obtained by means of computer for checking the correct alignment of a hip prosthesis and a system for implementing said check
 (51) Int. Cl.
G06T 7/33 (2017.01)
G06T 7/00 (2017.01)
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 (21) 2023226724 (22) 07.09.2023
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 (51) Int. Cl.
A61B 17/70 (2006.01)
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A61B 17/02 (2006.01)
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(71) Megmilk Snow Brand Co., Ltd.
 (11) AU-A-2023229544
 (21) 2023229544 (22) 14.09.2023
 (54) Intestinal environment improvement composition and method for manufacturing same
 (51) Int. Cl.
A23L 33/18 (2016.01)
A23K 10/28 (2016.01)
A23K 20/142 (2016.01)
A23K 20/163 (2016.01)
A23L 33/21 (2016.01)
A23L 33/26 (2016.01)
A61K 35/20 (2006.01)
A61K 38/14 (2006.01)
A61K 38/16 (2006.01)
A61P 1/14 (2006.01)
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 (72) FUKUDOME, Hirofumi; OGAWA, Akihiro; YAMAGUCHI, Toshiyuki; ADACHI, Noriko; TAGUCHI, Yuichi; LI, Juan; ITOH, Kotaro; KABUKI, Toshihide; SAKAI, Fumihiko
 (74) Davies Collison Cave Pty Ltd

(71) MetiMedi Pharmaceuticals Co., Ltd.
 (11) AU-A-2023229549
 (21) 2023229549 (22) 14.09.2023
 (54) Calcium lactate compositions and methods of use
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 31/215 (2006.01)
A61K 33/06 (2006.01)
A61K 47/32 (2006.01)
A61K 47/36 (2006.01)
A61K 47/44 (2017.01)
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 (72) CHANG, Chong Hwan; JEONG, Keun-Yeong
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(71) Mettler-Toledo Safeline X-Ray Limited
 (11) AU-A-2023200755
 (21) 2023200755 (22) 10.02.2023
 (54) METHOD FOR HANDLING PRODUCT SETTINGS OF OPERATING PARAMETERS OF A PRODUCT INSPECTION SYSTEM, PRODUCT INSPECTION SYSTEM AND COMPUTER PROGRAM
 (51) Int. Cl.
G06F 21/31 (2013.01)
G01N 23/18 (2018.01)
G06F 3/01 (2006.01)
G06F 21/60 (2013.01)
G06Q 50/10 (2012.01)
 (31) 22160718.7 (32) 08.03.22 (33) EP
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 (72) BRIDGER, Nick
 (74) Griffith Hack

(71) Midland Steel Reinforcement Supplies Limited
 (11) AU-A-2023219854
 (21) 2023219854 (22) 22.08.2023
 (54) Reinforcing framework and slab design
 (51) Int. Cl.
E04B 5/29 (2006.01)
E04C 5/06 (2006.01)
E04C 5/18 (2006.01)
 (43) 28.09.2023
 (62) 2017353537
 (72) Woods, Martin Anthony; Woods, Paul Robert; Dolan, Kevin John
 (74) Franke Hyland Pty Ltd

(71) MOCKV Solutions LLC
 (11) AU-A-2023229501
 (21) 2023229501 (22) 12.09.2023
 (54) METHODS AND KITS FOR QUANTIFYING THE REMOVAL OF MOCK VIRUS PARTICLES FROM A PURIFIED SOLUTION
 (51) Int. Cl.
C12Q 1/70 (2006.01)
B01D 35/00 (2006.01)
C07K 16/00 (2006.01)

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 (62) 2021200484
 (72) Cetlin, David; Dhar, Arun
 (74) RnB IP Pty Ltd

(71) Monsanto Technology LLC
 (11) AU-A-2023226776
 (21) 2023226776 (22) 08.09.2023
 (54) Methods for identifying crosses for use in plant breeding
 (51) Int. Cl.
A01H 1/04 (2006.01)
A01H 5/00 (2018.01)
C12Q 1/00 (2006.01)
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 (72) Chavali, Srinivas Phani Kumar; Dasgupta, Sambarta; Polavarapu, Nalini
 (74) Davies Collison Cave Pty Ltd

(71) Monsanto Technology LLC
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 (21) 2023229489 (22) 12.09.2023
 (54) Novel insect inhibitory proteins
 (51) Int. Cl.
A01H 1/00 (2006.01)
A01H 5/10 (2018.01)
A01N 37/18 (2006.01)
C07K 1/107 (2006.01)
C07K 14/325 (2006.01)
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 (11) AU-A-2023229529
 (21) 2023229529 (22) 13.09.2023
 (54) Fiber aggregate for sound insulation, sound absorbing/insulating material, and sound absorbing/insulating material for vehicle
 (51) Int. Cl.
G10K 11/162 (2006.01)
B32B 5/26 (2006.01)
B60R 13/08 (2006.01)
G10K 11/168 (2006.01)
 (43) 28.09.2023
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 (74) Griffith Hack

(71) MVRX, Inc.
 (11) AU-A-2023229512
 (21) 2023229512 (22) 13.09.2023
 (54) Devices, systems, and methods for re-shaping a heart valve annulus
 (51) Int. Cl.
A61F 2/24 (2006.01)
A61F 2/82 (2013.01)

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 (72) MACHOLD, Timothy R.; RAHDERT, David A.; CHANG, Robert T.; MANOHARAN, Ganesh
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(71) Myriota Pty Ltd
 (11) AU-A-2023229515
 (21) 2023229515 (22) 13.09.2023
 (54) SYSTEM AND METHOD FOR PREDICTION OF COMMUNICATIONS LINK QUALITY
 (51) Int. Cl.
H04B 17/373 (2015.01)
H04B 17/24 (2015.01)
H04B 17/318 (2015.01)
H04W 16/18 (2009.01)
H04W 52/24 (2009.01)

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 (72) HALEY, David Victor Lawrie; GRANT, Alexander James; MCKILLIAM, Robert George; POLLOK, Andre
 (74) Madderns Pty Ltd

(71) NanoString Technologies, Inc.
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 (21) 2023226700 (22) 06.09.2023
 (54) Chemical compositions and methods of using same
 (51) Int. Cl.
C12Q 1/6869 (2018.01)
C12Q 1/6874 (2018.01)

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 (72) Hoang, Margaret; Gregory, Mark; Kim, Dae; Dunaway, Dwayne L.; Manrao, Elizabeth A.; Beechem, Joseph M.; Khafizov, Rustem; Korukonda, Sanghamithra; Deng, Yi
 (74) FPA Patent Attorneys Pty Ltd

(71) Nascent Biotech, Inc.; Glassy, M.C.; Gupta, R.K.
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 (21) 2023226718 (22) 07.09.2023
 (54) Enhanced delivery of drugs to the brain
 (51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)

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 (72) GLASSY, Mark C.; GUPTA, Rishab K.
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(71) National Health Research Institutes; National Taiwan University
 (11) AU-A-2022201735
 (21) 2022201735 (22) 11.03.2022
 (54) PTGR2 inhibitors and their use
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)

C07D 239/47 (2006.01)
C07D 239/56 (2006.01)
C07D 401/12 (2006.01)
C07D 405/12 (2006.01)
C07D 417/12 (2006.01)
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(71) New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery
 (11) AU-A-2023229481
 (21) 2023229481 (22) 11.09.2023
 (54) PATIENT SPECIFIC 3-D INTERACTIVE TOTAL JOINT MODEL AND SURGICAL PLANNING SYSTEM

(51) Int. Cl.
A61F 2/40 (2006.01)
A61B 34/10 (2016.01)
A61F 2/46 (2006.01)

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 (72) Kontaxis, Andreas; Gulotta, Lawrence
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Nextivity, Inc.
 (11) AU-A-2023226747
 (21) 2023226747 (22) 08.09.2023
 (54) SYSTEM AND METHOD FOR SELECTING AN OPERATOR TO BOOST IN A REPEATER
 (51) Int. Cl.
H04B 7/155 (2006.01)

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 (72) Lotter, Michiel Petrus
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Nicoventures Trading Limited
 (11) AU-A-2023226731
 (21) 2023226731 (22) 07.09.2023
 (54) Aerosol generation
 (51) Int. Cl.

A24F 40/465 (2020.01)
A24F 40/50 (2020.01)

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 (72) PATON, David
 (74) Spruson & Ferguson

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 (21) 2023229474 (22) 11.09.2023
 (54) Aerosol provision device
 (51) Int. Cl.

A24F 40/465 (2020.01)

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 (62) 2020237376
 (72) THORSEN, Mitchel
 (74) Spruson & Ferguson

(71) North Central Gold Pty Ltd
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 (21) 2023201398 (22) 07.03.2023
 (54) RESOURCE EXPLORATION METHOD AND SYSTEM
 (51) Int. Cl.
G01V 3/38 (2006.01)
G01V 3/12 (2006.01)
G01V 7/00 (2006.01)
G06N 20/00 (2019.01)
 (31) 2022900565 (32) 08.03.22 (33) AU
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 (72) Titus, John Luke
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Nozomi Networks Sagl
 (11) AU-A-2023201371
 (21) 2023201371 (22) 06.03.2023
 (54) Method for detecting anomalies in time series data produced by devices of an infrastructure in a network
 (51) Int. Cl.
G05B 19/418 (2006.01)
G06F 11/34 (2006.01)
G06F 16/904 (2019.01)
 (31) 17/690,676 (32) 09.03.22 (33) US
 (43) 28.09.2023
 (72) VALENTE, Alessandro; ZAMBERLETTI, Alessandro; CARULLO, Moreno
 (74) FPA Patent Attorneys Pty Ltd

(71) NPNH Nominees Pty. Ltd.
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 (21) 2023226741 (22) 07.09.2023
 (54) A TANDEM WHEEL ASSEMBLY FOR A TRAILER
 (51) Int. Cl.
B60G 5/01 (2006.01)
B60G 5/06 (2006.01)
B60G 17/02 (2006.01)
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 (62) 2017315327
 (72) Hauffe, Nevil
 (74) mdp Patent and Trade Mark Attorneys

(71) Orasis Pharmaceuticals Ltd.
 (11) AU-A-2023226732
 (21) 2023226732 (22) 07.09.2023
 (54) Ophthalmic pharmaceutical compositions and uses relating thereto
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/196 (2006.01)
A61K 31/365 (2006.01)
A61K 31/4178 (2006.01)

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 (72) FEINBAUM, Claes; SALAMUN, Franc; PATEL, Sudhir
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 (21) 2023222858 (22) 29.08.2023
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 (51) Int. Cl.
C12N 15/10 (2006.01)
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 (72) Steemers, Frank J.; Adey, Andrew C.; Vitak, Sarah A.
 (74) WRAYS PTY LTD

(71) OXTI CORPORATION
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 (21) 2022201613 (22) 08.03.2022
 (54) STERILIZATION DEVICE FOR SANITARY EQUIPMENT
 (51) Int. Cl.
A61L 2/24 (2006.01)
A47K 17/00 (2006.01)
A61L 2/10 (2006.01)
A61L 2/22 (2006.01)
A61L 101/34 (2006.01)
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 (72) Ho, Chih-Feng
 (74) Alfred Lei

(71) Partridge, J.
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 (54) A PHOTOTHERAPY DEVICE AND METHOD OF USE THEREOF
 (51) Int. Cl.
A61N 5/06 (2006.01)
F21K 9/00 (2016.01)
H05B 45/10 (2020.01)
H05B 45/20 (2020.01)
F21V 5/00 (2018.01)
F21V 5/04 (2006.01)
F21V 7/00 (2006.01)
F21Y 105/12 (2016.01)
F21Y 105/16 (2016.01)
F21Y 113/17 (2016.01)
F21Y 115/10 (2016.01)
 (31) 2022900616 (32) 14.03.22 (33) AU
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 (72) Partridge, Jonathan
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

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 (54) Interface for constructing smart protocols for execution on blockchain platforms
 (51) Int. Cl.
G06F 8/35 (2018.01)
G06F 16/955 (2019.01)
G06F 21/57 (2013.01)
G06F 21/64 (2013.01)
H04L 9/06 (2006.01)

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 (72) Saad, Muhammad; Johnson, Raoul; Burgis, Jakub
 (74) FPA Patent Attorneys Pty Ltd

(71) Pear Therapeutics (US), Inc.
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 (54) Systems and methods for the treatment of symptoms associated with migraines
 (51) Int. Cl.
G16H 50/20 (2018.01)
G16H 10/60 (2018.01)
G16H 20/10 (2018.01)
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G16H 80/00 (2018.01)
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A23L 23/00 (2016.01)
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 (72) Pertot, Sara
 (74) Sara Martha Louisa Pertot

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 (54) The Pocket Sized Team Drink Caddy
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A47G 23/02 (2006.01)
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 (72) Pettit, Colin
 (74) Colin Edward Pettit

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 (21) 2023200919 (22) 16.02.2023
 (54) Razor Cartridge Refurbishment
 (51) Int. Cl.
B24B 3/48 (2006.01)
A45D 27/00 (2006.01)
B26B 21/14 (2006.01)
B26B 21/54 (2006.01)
 (31) 17/689,795 (32) 08.03.22 (33) US
 (43) 28.09.2023
 (72) DANIELSSON, Mats; HACOEN, Sam; ZUCKER, Shlomo
 (74) WRAYS PTY LTD

(71) Polyweld Pty Ltd
 (11) AU-A-2023226773
 (21) 2023226773 (22) 08.09.2023
 (54) A strap
 (51) Int. Cl.
B60J 7/00 (2006.01)
B60J 11/06 (2006.01)
B60P 7/02 (2006.01)

D03D 1/00 (2006.01)
D03D 13/00 (2006.01)
D03D 25/00 (2006.01)
 (43) 28.09.2023
 (62) 2017287705
 (72) Donaldson, Stuart
 (74) Griffith Hack

(71) President and Fellows of Harvard College; Janssen Biotech, Inc.
 (11) AU-A-2023229504
 (21) 2023229504 (22) 12.09.2023
 (54) SC-beta cells and compositions and methods for generating the same
 (51) Int. Cl.
C12N 5/00 (2006.01)
C12N 5/02 (2006.01)
C12N 5/071 (2010.01)
C12N 5/074 (2010.01)
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G06F 7/58 (2006.01)
G06N 10/00 (2022.01)
H04L 9/08 (2006.01)
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A01N 63/30 (2020.01)
A01P 3/00 (2006.01)
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C12R 1/00 (2006.01)
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E21B 47/02 (2006.01)
E21B 19/084 (2006.01)
E21B 23/14 (2006.01)
E21B 47/08 (2012.01)

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A61P 27/02 (2006.01)
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G06F 3/16 (2006.01)
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H02J 3/38 (2006.01)
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G05F 1/67 (2006.01)
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H04N 19/00 (2014.01)
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A61M 5/31 (2006.01)
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G01N 33/53 (2006.01)
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H02J 7/00 (2006.01)
G01R 31/00 (2006.01)
G01R 31/36 (2020.01)
H02J 7/04 (2006.01)
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A61P 35/00 (2006.01)
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A61F 5/01 (2006.01)

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G01C 21/34 (2006.01)
G05D 1/00 (2006.01)
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E04H 5/04 (2006.01)
E02D 27/01 (2006.01)
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E04B 1/04 (2006.01)
E04B 1/12 (2006.01)
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(74) Dentons Patent Attorneys Australasia Limited

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B29C 70/52 (2006.01)
B60J 7/04 (2006.01)
B60J 7/16 (2006.01)
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C08J 5/04 (2006.01)
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(54) Compositions and methods for synthesizing 5'-Capped RNAs
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A23L 33/13 (2016.01)
A61K 31/7115 (2006.01)
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F25C 1/12 (2006.01)
C02F 1/00 (2023.01)
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A61K 31/505 (2006.01)
A61K 31/7042 (2006.01)
A61K 31/7068 (2006.01)
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G01T 1/164 (2006.01)

A61B 6/00 (2006.01)
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C04B 28/14 (2006.01)
C04B 40/00 (2006.01)
C09K 17/44 (2006.01)
C04B 111/00 (2006.01)
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A61M 25/02 (2006.01)
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(51) Int. Cl.
A61F 2/02 (2006.01)
A61L 27/16 (2006.01)
A61L 27/34 (2006.01)
A61L 27/38 (2006.01)
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 (54) CHARGING STATION, CHARGING STATION SYSTEM, METHOD AND APPARATUS FOR RETURNING TO STATION AND LAWNMOWING ROBOT
 (51) Int. Cl.
G05D 1/12 (2006.01)
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G05D 3/12 (2006.01)
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 (54) Compositions for treating ectopic calcification disorders, and methods using same
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A61K 39/395 (2006.01)
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G01R 31/28 (2006.01)
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 (11) AU-A-2023201357
 (21) 2023201357 (22) 03.03.2023
 (54) METHOD FOR MANUFACTURING SOLAR CELL, SOLAR MODULE, AND POWER GENERATION SYSTEM
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H01L 31/18 (2006.01)
H01L 21/027 (2006.01)
H01L 21/288 (2006.01)
H01L 21/308 (2006.01)
H01L 31/0224 (2006.01)
H01L 31/04 (2014.01)
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H01L 31/18 (2006.01)
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 (74) Madderns Pty Ltd

(71) Zikani Therapeutics, Inc.; President and Fellows of Harvard College
 (11) AU-A-2023229518
 (21) 2023229518 (22) 13.09.2023
 (54) C10-Cyclic Substituted 13-Membered Macrolides and Uses Thereof
 (51) Int. Cl.
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A61P 31/04 (2006.01)
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C07H 15/26 (2006.01)
 (43) 28.09.2023
 (62) 2019385383
 (72) CLARK, Roger B.; ALM, Richard; AUSTIN, Wesley Francis; GONDI, Vijaya; HOGAN, Philip; JEWETT, Ivan; LAHIRI, Sushmita D.; LAWRENCE, Jonathan F.; LI, Xiben; SHI, Shuhao; WANG, Wenying; ICHIKAWA, Yoshitaka; MYERS, Andrew G.; ZHANG, Ziyang; CARLSEN, Peter Niels; RAHMAN, Md. Ataur
 (74) AJ PARK

(71) Zoetis Services LLC
 (11) AU-A-2023229465
 (21) 2023229465 (22) 11.09.2023
 (54) Antimicrobial peptides and methods of using same
 (51) Int. Cl.
C07K 14/78 (2006.01)
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C12N 15/82 (2006.01)
 (43) 28.09.2023
 (62) 2018378035
 (72) KUHN, Michael; EWIN, Richard Andrew; SHEEHAN, Derek James; BAIMA, Eric; ZOOK, Christopher A.; PHELPS, Hilary
 (74) Davies Collison Cave Pty Ltd

Numerical Index

2022201576	AFT Pharmaceuticals Limited	2023204701	Commonwealth Scientific and Industrial Research Organisation
2022201592	Pettit, C.	2023206110	RAGT 2n
2022201604	Talbot, S.	2023206132	Massachusetts Institute of Technology; Translate Bio, Inc.
2022201613	OXTI CORPORATION	2023210561	The Regents of the University of Colorado, a Body Corporate
2022201615	SONER, O.	2023214260	DEKA Products Limited Partnership
2022201684	GreenLight Biosciences, Inc.	2023214389	GeoRoc International, Inc.
2022201689	Aristocrat Technologies Australia Pty Limited	2023216733	Research Institute at Nationwide Children's Hospital
2022201735	National Health Research Institutes; National Taiwan University	2023216834	Cibus Europe B.V.; Cibus US LLC
2022201739	Pertot, S.	2023216849	Regeneron Pharmaceuticals, Inc.
2022202668	TRANSNET NZ LIMITED	2023219854	Midland Steel Reinforcement Supplies Limited
2022203834	Silicon Quantum Computing Pty Limited	2023219858	The Curators of the University Of Missouri
2022218468	Dongguan qi qi clothing co., Ltd	2023222825	AFT Pharmaceuticals Limited
2022224769	Brandt Industries Canada Ltd.	2023222839	Fisher & Paykel Healthcare Limited
2022224824	Kabushiki Kaisha Toshiba	2023222858	Oregon Health & Science University; Illumina, Inc.
2022263556	Halliburton Energy Services, Inc.	2023222967	Daon Technology
2022368370	CNPHARM CO., LTD.	2023222988	Thor, A.; Thor, S.
2023200165	Partridge, J.	2023223008	University of Wollongong
2023200190	Hsu, J.	2023226676	Kindred Biosciences, Inc.
2023200360	The Boeing Company	2023226678	Regeneron Pharmaceuticals, Inc.
2023200503	Deere & Company	2023226700	NanoString Technologies, Inc.
2023200600	Sungrow Power Supply Co., Ltd.	2023226718	Nascent Biotech, Inc.; Glassy, M.C.; Gupta, R.K.
2023200720	ABB Schweiz AG	2023226720	Canon Kabushiki Kaisha
2023200755	Mettler-Toledo Safeline X-Ray Limited	2023226723	ASC Engineered Solutions, LLC
2023200919	Planet Earth Razors AB	2023226724	Medos International Sarl
2023200981	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2023226727	ASC Engineered Solutions, LLC
2023200985	Croptimistic Technology Inc.	2023226731	Nicoventures Trading Limited
2023201005	SUNGROW HYDROGEN SCI. & TECH. CO., LTD	2023226732	Orasis Pharmaceuticals Ltd.
2023201058	Harbison-Fischer, Inc.	2023226734	Casio Computer Co., Ltd.
2023201065	CATERPILLAR INC.	2023226737	BASF Plant Science Company GmbH
2023201066	CATERPILLAR PAVING PRODUCTS INC.	2023226738	GPB Scientific, Inc.
2023201081	Itron, Inc.	2023226739	Yale University
2023201166	CASIO COMPUTER CO., LTD.	2023226741	NPNH Nominees Pty. Ltd.
2023201171	Transportation IP Holdings, LLC	2023226747	Nextivity, Inc.
2023201199	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.	2023226748	REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD
2023201202	BISSELL Inc.	2023226751	The NOCO Company
2023201234	IGT	2023226752	Chevron U.S.A. Inc.
2023201236	Sungrow Energy Storage Technology Co., Ltd.	2023226754	Benson Hill, Inc.
2023201241	Deere & Company	2023226757	The Board of Trustees of the Leland Stanford Junior University
2023201276	Vacrest Pty Ltd	2023226759	CSIdentity Corporation
2023201287	PayPal, Inc.	2023226760	Inovio Pharmaceuticals, Inc.
2023201317	Air Products and Chemicals, Inc.	2023226761	Fresenius Kabi USA, LLC
2023201357	Zhejiang Aiko Solar Energy Technology Co., Ltd.	2023226763	Eisai R&D Management Co., Ltd.
2023201364	Coulisse B.V.	2023226764	Apple Inc.
2023201371	Nozomi Networks Sagl	2023226765	Mahfouz, M.
2023201383	INOSYSTEMS	2023226766	Aqua-Aerobic Systems, Inc.
2023201384	INOSYSTEMS	2023226767	Mahfouz, M.
2023201389	Aesculap AG	2023226769	University of Wyoming
2023201398	North Central Gold Pty Ltd	2023226770	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.
2023201416	Institute of Biological and Medical Engineering, Guangdong Academy of Sciences	2023226772	Aristocrat Technologies Australia Pty Limited
2023201433	Beijing Tusen Zhitu Technology Co., Ltd.	2023226773	Polyweld Pty Ltd
2023201436	True Manufacturing Co., Inc.	2023226775	ALLOSOURCE
2023201437	Beijing Tusen Zhitu Technology Co., Ltd.	2023226776	Monsanto Technology LLC
2023201474	Quintessence Labs Pty Ltd.	2023226778	Innovo Therapeutics Inc.
2023201488	Textilforschungsinstitut Thüringen-Vogtland e.V.; Arntz Beteiligungs GmbH & Co. KG	2023226779	Aristocrat Technologies Australia Pty Limited
2023201490	Willand (Beijing) Technology Co., LTD.	2023226783	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
2023201496	Hager-Electro SAS	2023226784	Equifax Inc.
2023201497	Hager-Electro SAS	2023226786	Biomerieux, Inc.
2023201506	Howmedica Osteonics Corp.	2023226788	KPR U.S., LLC
2023201511	Foremost Worldwide Company Limited	2023226790	W. L. Gore & Associates, Inc.; ViaCyte, Inc.
2023201527	LG Electronics Inc.	2023226793	GS Yuasa International Ltd.
2023201553	Beijing Baidu Netcom Science Technology Co., Ltd.	2023227554	Incyte Corporation
2023201557	MAX CO., LTD.	2023229465	Zoetis Services LLC
2023201568	Techtronic Cordless GP	2023229470	Genesis Systems LLC
2023202762	Anago Limited		
2023204339	LG Electronics Inc.		

Applications Open to Public Inspection - Numerical Index cont'd

2023229471	INCYTE CORPORATION
2023229472	MEDACTA INTERNATIONAL SA
2023229474	Nicoventures Trading Limited
2023229475	Tencent America LLC
2023229478	Pear Therapeutics (US), Inc.
2023229481	New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery
2023229486	Maxeon Solar Pte. Ltd.
2023229488	Auxilium International Holdings, Inc.
2023229489	Monsanto Technology LLC
2023229491	Dominion Energy, Inc.
2023229492	Sonos, Inc.
2023229494	Rhythm Pharmaceuticals, Inc.; Charité - Universitätsmedizin Berlin
2023229497	Abfero Pharmaceuticals, Inc.; University of Florida Research Foundation, Inc.
2023229498	Angel Group Co., Ltd.
2023229499	Evoqua Water Technologies LLC
2023229500	Boston Scientific Scimed, Inc.
2023229501	MOCKV Solutions LLC
2023229503	Y Soft Corporation, A.S.
2023229504	President and Fellows of Harvard College; Janssen Biotech, Inc.
2023229505	GE Video Compression, LLC
2023229506	Ablynx NV
2023229507	Chugai Seiyaku Kabushiki Kaisha
2023229510	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2023229512	MVRX, Inc.
2023229515	Myriota Pty Ltd
2023229516	truRating Limited
2023229518	Zikani Therapeutics, Inc.; President and Fellows of Harvard College
2023229522	Trilink BioTechnologies, LLC
2023229524	Senhwa Biosciences, Inc.
2023229525	Broadridge Financial Solutions, Inc.
2023229528	ServiceNow, Inc.
2023229529	M-Techx Inc.
2023229531	University of Kentucky Research Foundation
2023229532	Checkmate Pharmaceuticals, Inc.
2023229534	E Ink California, LLC
2023229541	BAHARIA, M.A.M.A.
2023229542	Angel Group Co., Ltd.
2023229543	Implantica Patent Ltd
2023229544	Megmilk Snow Brand Co., Ltd.
2023229545	Healthcare Systems; Kato, Y.
2023229546	Terumo Kabushiki Kaisha
2023229548	Velano Vascular, Inc.
2023229549	MetiMedi Pharmaceuticals Co., Ltd.
2023229551	Stratus Medical, LLC
2023229553	Corning Research & Development Corporation
2023229556	Grifols Diagnostic Solutions Inc.
2023229557	The Goodyear Tire & Rubber Company
2023229558	DName-iT NV
2023229559	Huawei Technologies Co., Ltd.
2023229560	Horton do Brasil Tecnologia Offshore, Ltda.

IPC Index

<u>A01B 33 /-</u> 2022224769	<u>A41D 19 /-</u> 2022201615	<u>A61B 8 /-</u> 2023229500	2023229549	<u>A63B 71 /-</u> 2023201234	<u>B60C 9 /-</u> 2023229557
<u>A01B 49 /-</u> 2022224769	<u>A41F 1 /-</u> 2022201615	<u>A61F 2 /-</u> 2023201389 2023226765 2023226767 2023226775 2023226790 2023229481 2023229512	<u>A61L 101 /-</u> 2022201613	<u>A63F 13 /-</u> 2022201689 2023226779 2023229498	<u>B60G 17 /-</u> 2023226741
<u>A01B 63 /-</u> 2023200503	<u>A43B 17 /-</u> 2022218468	<u>A61F 5 /-</u> 2023222988	<u>A61L 27 /-</u> 2023226790	<u>A63F 3 /-</u> 2023229498 2023229542	<u>B60G 5 /-</u> 2023226741
<u>A01B 79 /-</u> 2023200985	<u>A43B 19 /-</u> 2022218468	<u>A61H 9 /-</u> 2023226788	<u>A61M 1 /-</u> 2023214260 2023226761	<u>A63F 5 /-</u> 2023201234	<u>B60J 11 /-</u> 2023226773
<u>A01D 41 /-</u> 2023200503	<u>A43B 23 /-</u> 2022218468	<u>A61K 31 /-</u> 2022201576 2022368370 2023204701 2023222825 2023226732 2023226763 2023226778 2023227554 2023229497 2023229518 2023229522 2023229524 2023229531 2023229545 2023229549	<u>A61M 15 /-</u> 2023222839	<u>A63F 9 /-</u> 2023226772 2023229542	<u>B60J 7 /-</u> 2023201171 2023226773
<u>A01G 20 /-</u> 2023201568	<u>A43B 7 /-</u> 2022218468 2023222988	<u>A61K 33 /-</u> 2023229549	<u>A61M 16 /-</u> 2023201383 2023201384 2023222839	<u>B01D 35 /-</u> 2023229501	<u>B60P 7 /-</u> 2023226773
<u>A01G 9 /-</u> 2023226769	<u>A45D 27 /-</u> 2023200919	<u>A61K 35 /-</u> 2023226738 2023226760 2023229544 2023229545	<u>A61M 25 /-</u> 2023229548	<u>B01D 53 /-</u> 2023226752	<u>B60Q 3 /-</u> 2023201065
<u>A01H 1 /-</u> 2023216834 2023226776 2023229489	<u>A47C 31 /-</u> 2023201511	<u>A61K 38 /-</u> 2023204701 2023226676 2023226760 2023229494 2023229544	<u>A61M 5 /-</u> 2023229546	<u>B01D 61 /-</u> 2023226766	<u>B60R 13 /-</u> 2023229529
<u>A01H 5 /-</u> 2023216834 2023226737 2023226776 2023226783 2023229489	<u>A47G 23 /-</u> 2022201592	<u>A61K 39 /-</u> 2023204701 2023226676 2023226718 2023226739 2023229507 2023229556	<u>A61M 5 /-</u> 2023229546	<u>B01J 20 /-</u> 2023226752	<u>B60W 10 /-</u> 2023201433
<u>A01K 67 /-</u> 2023219858	<u>A47K 17 /-</u> 2022201613	<u>A61K 47 /-</u> 2022368370 2023229549	<u>A61N 5 /-</u> 2023200165	<u>B01J 23 /-</u> 2023201416	<u>B60W 30 /-</u> 2023200981
<u>A01N 37 /-</u> 2022201684 2023229489	<u>A47L 11 /-</u> 2023201202	<u>A61K 48 /-</u> 2023206132	<u>A61P 1 /-</u> 2023226778 2023229544 2023229545	<u>B01J 38 /-</u> 2023201416	<u>B60W 40 /-</u> 2023200981 2023201437
<u>A01N 37 /-</u> 2022201684 2023229489	<u>A47L 13 /-</u> 2023201202	<u>A61K 48 /-</u> 2023206132	<u>A61P 1 /-</u> 2023226778 2023229544 2023229545	<u>B01J 38 /-</u> 2023201416	<u>B60W 50 /-</u> 2023201437
<u>A01N 63 /-</u> 2022201684 2023206110	<u>A47L 5 /-</u> 2023201568	<u>A61K 35 /-</u> 2023226738 2023226760 2023229544 2023229545	<u>A61P 27 /-</u> 2023216849	<u>B01J 6 /-</u> 2023214389	<u>B60W 60 /-</u> 2023201433 2023201437
<u>A01P 21 /-</u> 2023206110	<u>A47L 7 /-</u> 2023201202	<u>A61K 38 /-</u> 2023204701 2023226676 2023226760 2023229494 2023229544	<u>A61P 29 /-</u> 2022201576 2023222825 2023226778 2023229507 2023229545	<u>B01L 3 /-</u> 2023226738	<u>B61D 17 /-</u> 2023201171
<u>A01P 3 /-</u> 2023206110	<u>A47L 9 /-</u> 2023201202	<u>A61K 38 /-</u> 2023204701 2023226676 2023226760 2023229494 2023229544	<u>A61P 3 /-</u> 2022201735 2023229494	<u>B05D 1 /-</u> 2023201506	<u>B63B 35 /-</u> 2023229560
<u>A01P 7 /-</u> 2022201684	<u>A61B 1 /-</u> 2023229500	<u>A61K 39 /-</u> 2023204701 2023226676 2023226718 2023226739 2023229507 2023229556	<u>A61P 31 /-</u> 2022201576 2023222825 2023229518 2023229545	<u>B21F 15 /-</u> 2023201557	<u>B63J 4 /-</u> 2023229499
<u>A23K 10 /-</u> 2023229544	<u>A61B 10 /-</u> 2023229500	<u>A61K 39 /-</u> 2023204701 2023226676 2023226718 2023226739 2023229507 2023229556	<u>A61P 31 /-</u> 2022201576 2023222825 2023229518 2023229545	<u>B23Q 17 /-</u> 2023202762	<u>B82Y 10 /-</u> 2022203834
<u>A23K 20 /-</u> 2023229544	<u>A61B 17 /-</u> 2023201389 2023226724 2023226775 2023229543	<u>A61K 47 /-</u> 2022368370 2023229549	<u>A61P 35 /-</u> 2023204701 2023210561 2023227554 2023229507	<u>B24B 3 /-</u> 2023200919	<u>B82Y 40 /-</u> 2022203834
<u>A23L 23 /-</u> 2022201739	<u>A61B 18 /-</u> 2023229500 2023229551	<u>A61K 48 /-</u> 2023206132	<u>A61P 35 /-</u> 2023204701 2023210561 2023227554 2023229507	<u>B25J 11 /-</u> 2023201557	<u>C01B 13 /-</u> 2022224824
<u>A23L 33 /-</u> 2023229522 2023229544	<u>A61B 34 /-</u> 2023229481	<u>A61K 48 /-</u> 2023206132	<u>A61P 37 /-</u> 2023204701 2023227554	<u>B26B 21 /-</u> 2023200919	<u>C01B 3 /-</u> 2022224824
<u>A24F 40 /-</u> 2023226731 2023229474	<u>A61B 5 /-</u> 2023226734 2023226788	<u>A61K 9 /-</u> 2022201576 2023216849 2023222825 2023226732	<u>A61P 37 /-</u> 2023204701 2023227554	<u>B29C 70 /-</u> 2023201171	<u>C01B 32 /-</u> 2022224824
	<u>A61B 6 /-</u> 2023223008		<u>A61P 43 /-</u> 2023229545	<u>B32B 5 /-</u> 2023229529	<u>C02F 1 /-</u> 2023201436 2023226766
				<u>B60C 11 /-</u> 2023229557	

Applications Open to Public Inspection - IPC Index cont'd

C04B 111 /- 2023201276	2023226676 2023226718 2023229501	C25B 3 /- 2022224824	F16G 5 /- 2023201488	G01N 30 /- 2023226786 2023229545	G06F 16 /- 2023201287 2023201371 2023229525
C04B 14 /- 2022263556	2023229506 2023229507	C25B 9 /- 2022224824	F16K 15 /- 2023201058	G01N 33 /- 2023200985 2023226676 2023226678 2023226757 2023229507 2023229556	G06F 21 /- 2023200755 2023201287 2023222967 2023229525
C04B 22 /- 2022263556	C07K 19 /- 2023226739	D03D 1 /- 2023226773	F16L 17 /- 2023226723 2023226727		
C04B 28 /- 2022263556 2023201276	C08J 5 /- 2023201171	D03D 13 /- 2023226773	F16L 21 /- 2023226727	G01R 21 /- 2023200720 2023201081	G06F 3 /- 2023200720 2023200755 2023226764 2023229492
C04B 40 /- 2023201276	C09K 17 /- 2022263556 2023201276	D03D 25 /- 2023226773	F16L 23 /- 2023226723	G01R 31 /- 2023201081 2023226751 2023229503	G06F 7 /- 2023201474 2023226759
C07D 239 /- 2022201735	C09K 3 /- 2022263556	E01C 19 /- 2023201066	F17C 13 /- 2023201317		G06F 8 /- 2023201287
C07D 401 /- 2022201735 2023226778	C09K 8 /- 2022263556	E02D 27 /- 2022202668	F17C 9 /- 2023201317	G01T 1 /- 2023223008	G06K 19 /- 2023229542
C07D 405 /- 2022201735 2023226778	C10B 53 /- 2023201416	E03B 3 /- 2023229470	F21K 9 /- 2023200165	G01V 3 /- 2023201398	G06N 10 /- 2022203834 2023200360 2023201474 2023201553
C07D 409 /- 2023226778	C10L 3 /- 2023226752	E04B 1 /- 2022202668	F21V 5 /- 2023200165	G01V 7 /- 2023201398	G06N 20 /- 2023201398
C07D 417 /- 2022201735	C12M 1 /- 2023226738	E04B 5 /- 2023219854	F21V 7 /- 2023200165	G01V 99 /- 2023200985	G06Q 10 /- 2022201604 2023229528
C07D 471 /- 2023227554 2023229471 2023229524	C12N 1 /- 2023206110	E04C 5 /- 2023219854	F21Y 105 /- 2023200165	G02B 6 /- 2023229553	G06Q 20 /- 2023226759 2023229516
C07D 487 /- 2022201735	C12N 15 /- 2023206132 2023216733 2023216849 2023219858 2023222858 2023226676 2023226737 2023226754 2023226783 2023229465 2023229507 2023229532 2023229556	E04G 21 /- 2023201557	F21Y 113 /- 2023200165	G02B 7 /- 2023226734	G06Q 30 /- 2023229516
C07F 9 /- 2023226763	C12N 5 /- 2023216733 2023226738 2023229504 2023229556	E04H 5 /- 2022202668	F21Y 115 /- 2023200165	G03B 17 /- 2023226734	
C07H 1 /- 2023201416 2023229518	C12N 9 /- 2023226754 2023226760 2023229488	E06B 9 /- 2023201364	F25C 1 /- 2023201436 2023204339	G03G 21 /- 2023226720	
C07H 15 /- 2023229518 2023229545	E21B 15 /- 2023229560	E21B 19 /- 2023226748	F25C 5 /- 2023204339	G05B 11 /- 2023229491	G06Q 50 /- 2022201604 2023200755 2023229498
C07H 17 /- 2023229518	E21B 23 /- 2023226748	E21B 33 /- 2022263556	F25D 11 /- 2023204339	G05B 19 /- 2023201371	G06Q 90 /- 2022201604
C07H 21 /- 2023226763 2023229522	E21B 47 /- 2023226748	F04B 15 /- 2023201317	F25D 23 /- 2023201527	G05D 1 /- 2023201199 2023201490	G06T 7 /- 2023229472
C07H 3 /- 2023201416	F04B 43 /- 2023226761	F04B 47 /- 2023201058	F25D 25 /- 2023204339	G05D 3 /- 2023201490	G06V 10 /- 2023201166 2023222967
C07K 1 /- 2023226678 2023229489	C12Q 1 /- 2023216733 2023226700 2023226757 2023226776 2023226783 2023229501 2023229558	F04B 53 /- 2023201058	G01C 21 /- 2023201199	G05F 1 /- 2023201005	G06V 40 /- 2023222967
C07K 14 /- 2023226676 2023229465 2023229489 2023229556	C12R 1 /- 2023206110	F04B 59 /- 2023201058	G01D 21 /- 2023200720	G06F 1 /- 2023201081	G07D 5 /- 2023229542
C07K 16 /- 2023210561	C25B 15 /- 2022224824	F04D 7 /- 2023201317	G01L 5 /- 2023202762	G06F 11 /- 2023201371 2023226784	G07D 9 /- 2023229498
		F15B 1 /- 2023201241	G01N 23 /- 2023200755	G06F 13 /- 2023229541	G07F 17 /- 2022201689 2023201234
			G01N 3 /- 2023202762		

Applications Open to Public Inspection - IPC Index cont'd

G10K 11 /- 2023229529	H02J 9 /- 2023201081
G10L 19 /- 2023226770	H02K 11 /- 2023200190
G11B 27 /- 2023201166	H02M 3 /- 2023201005
G16H 10 /- 2023229478	H02M 7 /- 2023200600
G16H 20 /- 2023229478	H04B 17 /- 2023229515
G16H 50 /- 2023229478	H04B 7 /- 2023226747
G16H 80 /- 2023229478	H04L 1 /- 2023226770
H01B 7 /- 2023229553	H04L 9 /- 2023201287 2023201474 2023226759
H01H 3 /- 2023200190	H04M 1 /- 2023229541
H01H 71 /- 2023201496 2023201497	H04M 11 /- 2023229541
H01J 49 /- 2023226786	H04N 13 /- 2023201166
H01L 21 /- 2022203834 2023201357	H04N 19 /- 2023229475 2023229505 2023229559
H01L 31 /- 2023201357 2023229486 2023229510	H04N 21 /- 2023229492
H01R 9 /- 2023200190	H04N 5 /- 2023201166
H02B 1 /- 2023201496	H04N 7 /- 2023201166
H02J 1 /- 2023201005	H04R 1 /- 2023229492
H02J 13 /- 2023226793 2023229491	H04W 16 /- 2023229515
H02J 15 /- 2023201005	H04W 52 /- 2023201081 2023229515
H02J 3 /- 2023201236 2023229491	H05B 45 /- 2023200165
H02J 50 /- 2023229492	H05K 5 /- 2023200600
H02J 7 /- 2023201005 2023201081 2023201236 2023226751	No IPC Mark

Innovation Patents Open to Public Inspection

Name Index

- . (*) Title not in Roman characters
 - . (**) Title not given
- (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

Grains Research and Development Corporation see Western Australian Agriculture Authority
(21) 2023100078

Grains Research and Development Corporation see Western Australian Agriculture Authority
(21) 2023100079

(71) Western Australian Agriculture Authority; Grains Research and Development Corporation
(11) AU-A-2023100078
(21) 2023100078 **(22)** 05.09.2023
(54) Turbulence monitoring and forecasting systems and methods
(51) Int. Cl.
 G01W 1/00 (2006.01)
 G01W 1/06 (2006.01)
(45) 28.09.2023
(62) 2020301720
(72) GRACE, Warwick; TEPPER, Graeme; STIDWORTHY, Amy; SEATON, Martin; CARRUTHERS, David
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

(71) Western Australian Agriculture Authority; Grains Research and Development Corporation
(11) AU-A-2023100079
(21) 2023100079 **(22)** 05.09.2023
(54) Turbulence monitoring and forecasting systems and methods
(51) Int. Cl.
 G01W 1/00 (2006.01)
 G01W 1/06 (2006.01)
(45) 28.09.2023
(62) 2020301720
(72) GRACE, Warwick; TEPPER, Graeme; STIDWORTHY, Amy; SEATON, Martin; CARRUTHERS, David
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

Numerical Index

- 2023100078** Western Australian Agriculture Authority; Grains Research and Development Corporation
- 2023100079** Western Australian Agriculture Authority; Grains Research and Development Corporation

IPC Index

G01W 1/-

2023100078
2023100079

No IPC Mark

PCT applications which have entered the National Phase

Name Index

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

<p>(71) ABALOS THERAPEUTICS GMBH (11) AU-A-2022226407 (21) 2022226407 (22) 25.02.2022 (54) NEW VIRUS PARTICLES FOR THERAPEUTIC PURPOSES (51) Int. Cl. A61K 35/76 (2015.01) C12N 7/00 (2006.01) C12P 35/00 (2006.01) (87) WO2022/180203 (31) 21159746.3 (32) 26.02.21 (33) EP (43) 01.09.2022 (72) VOLLMER, Joerg; KOSTKA, Marcus; LANG, Philipp; XU, Haifeng (74) FB Rice Pty Ltd</p> <hr/> <p>(71) ABB SCHWEIZ AG (11) AU-A-2022231348 (21) 2022231348 (22) 01.03.2022 (54) ARRANGEMENT AND METHOD FOR FAULT PROTECTION OF TERMINAL BOX OF ELECTRIC ROTATING MACHINE (51) Int. Cl. H02H 1/00 (2006.01) G01R 31/12 (2020.01) G01R 31/34 (2020.01) H02H 3/02 (2006.01) H02H 7/10 (2006.01) (87) WO2022/184708 (31) 21160465.7 (32) 03.03.21 (33) EP (43) 09.09.2022 (72) POPOVIC SANDBERG, Alexandra; PAYERL, Christian (74) Griffith Hack</p> <hr/> <p>(71) ABBVIE BIOTHERAPEUTICS INC. (11) AU-A-2022253888 (21) 2022253888 (22) 06.04.2022 (54) METHODS OF TREATMENT OF NON-SMALL-CELL LUNG CARCINOMA USING TELISOTUZUMAB VEDOTIN (51) Int. Cl. A61K 39/395 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) (87) WO2022/216796 (31) 63/171,536 (32) 06.04.21 (33) US 63/171,571 06.04.21 US (43) 13.10.2022 (72) JIN, Janet Yikai; KOMARNITSKY, Philip B.; LAZAROV, Miirella; REDDY, Anita (74) Spruson & Ferguson</p> <hr/> <p>(71) ABCURO, INC. (11) AU-A-2022246164 (21) 2022246164 (22) 25.03.2022</p>	<p>(54) ANTI-KLRG1 ANTIBODIES (51) Int. Cl. C07K 16/28 (2006.01) (87) WO2022/204514 (31) 63/294,436 (32) 29.12.21 (33) US 63/166,663 26.03.21 US (43) 29.09.2022 (72) GULLA, Stefano, V.; THOMPSON, Kenneth, Evan (74) Catalyst Intellectual Property</p> <hr/> <p>(71) ABDERA THERAPEUTICS INC. (11) AU-A-202222471 (21) 202222471 (22) 18.02.2022 (54) IMMUNOCONJUGATES FOR TARGETED RADIOISOTOPE THERAPY (51) Int. Cl. C07K 16/28 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01) (87) WO2022/175750 (31) 63/152,079 (32) 22.02.21 (33) US (43) 25.08.2022 (72) JUDGE, Adam; ABRAMS, Michael; MANDEL, Alexander Laurence; VISWAS, Raja Solomon (74) FB Rice Pty Ltd</p> <hr/> <p>(71) ABS GLOBAL, INC. (11) AU-A-2022239484 (21) 2022239484 (22) 16.03.2022 (54) CELL DIFFERENTIATION BASED ON MULTI-DIRECTIONAL LIGHT FROM A MICROFLUIDIC CHIP (51) Int. Cl. G01N 15/14 (2006.01) B01L 3/00 (2006.01) C12N 13/00 (2006.01) G01N 21/64 (2006.01) (87) WO2022/197845 (31) 63/162,138 (32) 17.03.21 (33) US (43) 22.09.2022 (72) APPLEYARD, David; MCADA, Daniel; XIA, Zheng; SCHILLER, James Maxwell; SAVAGE, Frederick; RUPEL II, John Walker; MILLER, Timothy; FISHER, Alec (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) ACR II ALUMINIUM GROUP COOPERATIVE U.A. (11) AU-A-2022240957 (21) 2022240957 (22) 15.03.2022 (54) ALUMINIUM ALLOY SHEET FOR CLOSURES AND THERMOMECHANICAL METHOD FOR PRODUCING THE SAME (51) Int. Cl.</p>	<p>C22C 21/00 (2006.01) C22F 1/04 (2006.01) (87) WO2022/194875 (31) EP21382222 (32) 18.03.21 (33) EP (43) 22.09.2022 (72) GIL FERNÁNDEZ-MARCOTE, Ignacio; FERNÁNDEZ RIVERA, Catalina (74) Michael Buck IP</p> <hr/> <p>(71) ADJUVANTS UNLIMITED, LLC (11) AU-A-2022233192 (21) 2022233192 (22) 14.03.2022 (54) IMPROVED POLYMER FORMULATIONS FOR AGRICHEMICAL USE (51) Int. Cl. A01N 25/02 (2006.01) A01N 25/10 (2006.01) A01N 37/10 (2006.01) A01N 57/20 (2006.01) (87) WO2022/192782 (31) 63/160,683 (32) 12.03.21 (33) US 17/694,114 14.03.22 US (43) 15.09.2022 (72) CARTER, Amy; SMITH, Rick; POMPEO, Mike; BRIGANCE, Mickey; CROSBY, Kevin (74) Minter Ellison</p> <hr/> <p>(71) ADVANCED FUSION SYSTEMS LLC (11) AU-A-2022237342 (21) 2022237342 (22) 09.03.2022 (54) METHOD AND APPARATUS FOR PROTECTING ELECTRICAL COMPONENTS FROM A TRANSIENT ELECTROMAGNETIC DISTURBANCE TRANSMITTED ON PARALLEL POWER LINES (51) Int. Cl. H01C 7/12 (2006.01) H01C 8/04 (2006.01) H02H 7/30 (2006.01) H02H 9/02 (2006.01) H02H 9/04 (2006.01) (87) WO2022/197509 (31) 17/204,527 (32) 17.03.21 (33) US (43) 22.09.2022 (72) BIRNBACH, Curtis A.; CAPPELLETTI, John Anthony (74) James & Wells Intellectual Property</p> <hr/> <p>(71) ADVANSIX RESINS & CHEMICALS LLC; TING, Y.R. (11) AU-A-2022228229 (21) 2022228229 (22) 03.03.2022 (54) HIGH FLOW, DUAL-TERMINATED POLYAMIDE POLYMERS (51) Int. Cl. C08G 69/14 (2006.01) C08K 3/04 (2006.01) C08K 5/098 (2006.01) C08K 7/14 (2006.01)</p>
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C08L 77/06 (2006.01)
(87) WO2022/187453
(31) 63/156,078 (**32**) 03.03.21 **(33)** US
(43) 09.09.2022
(72) TING, Yuan-Ping R.; NELLIAPPAN, Veera; LOY, David J.; FACINELLI, John V.; MARTIN, Gary
(74) Davies Collison Cave Pty Ltd
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- (71)** AERIE PHARMACEUTICALS, INC.
(11) AU-A-2022257597
(21) 2022257597 (**22**) 06.04.2022
(54) IMPLANT DELIVERY DEVICE
(51) Int. Cl.
A61F 9/00 (2006.01)
(87) WO2022/221107
(31) 63/176,056 (**32**) 16.04.21 **(33)** US
(43) 20.10.2022
(72) TREVINO, Leo Anthony; LI, Cheng; PEGORARO, Tyler; WILLIAMS, Stuart; SHEPARD, Thomas; SMITH, Peter, Andrew; WALKER, Matthew Charles; CORSON, Andrew John; BLACKBURN, Thomas Ralph III; COUSE, Stephen James
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** AFFINIA THERAPEUTICS INC.
(11) AU-A-2022218706
(21) 2022218706 (**22**) 09.02.2022
(54) RECOMBINANT AAVS WITH IMPROVED TROPISM AND SPECIFICITY
(51) Int. Cl.
A61K 35/761 (2015.01)
C12N 15/86 (2006.01)
(87) WO2022/173847
(31) 63/147,701 (**32**) 09.02.21 **(33)** US
 63/173,998 12.04.21 US
 63/186,641 10.05.21 US
 63/290,517 16.12.21 US
(43) 18.08.2022
(72) TIPPER, Christopher; STANEK, Lisa; OLIVIERI, Kevin
(74) FB Rice Pty Ltd
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- (71)** AGENUS INC.
(11) AU-A-2022270207
(21) 2022270207 (**22**) 04.05.2022
(54) ANTI-TIGIT ANTIBODIES AND METHODS OF USE THEREOF
(51) Int. Cl.
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/236284
(31) 63/201,536 (**32**) 04.05.21 **(33)** US
(43) 10.11.2022
(72) IGNATOVICH, Olga; BUSHELL, K. Mark; CHAND, Dhan Sidhartha; WENSELEY, Beth
(74) Davies Collison Cave Pty Ltd
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- (71)** ALASTIN SKINCARE, INC.
(11) AU-A-202223544
(21) 202223544 (**22**) 15.02.2022
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- (54)** COMPOSITIONS AND METHODS RELATING TO ALOPECIA
(51) Int. Cl.
A61P 43/00 (2006.01)
A61K 45/06 (2006.01)
A61Q 7/00 (2006.01)
(87) WO2022/177881
(31) 63/150,411 (**32**) 17.02.21 **(33)** US
(43) 25.08.2022
(72) WIDGEROW, Alan David; GARRUTO, John A.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** ALCHEMEDIK INC.
(11) AU-A-2022297082
(21) 2022297082 (**22**) 21.06.2022
(54) COMPOUND, ENDOTHELIN-A RECEPTOR ANTAGONIST, AND PHARMACEUTICAL COMPOSITION
(51) Int. Cl.
C07D 405/14 (2006.01)
A61K 31/4439 (2006.01)
A61P 1/16 (2006.01)
A61P 9/08 (2006.01)
A61P 9/12 (2006.01)
A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
A61P 25/02 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
C07D 413/14 (2006.01)
(87) WO2022/270487
(31) 2021-103047 (**32**) 22.06.21 **(33)** JP
(43) 29.12.2022
(72) TANAKA, Keigo; NINOMIYA, Tomohisa; TOMATA, Yoshihide
(74) FPA Patent Attorneys Pty Ltd
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- (71)** ALLEN GLOBAL FZCO
(11) AU-A-2021428276
(21) 2021428276 (**22**) 04.10.2021
(54) CARRIER DEVICE FOR SECURING AN ACCESSORY TO A VEHICLE
(51) Int. Cl.
B60R 9/10 (2006.01)
(87) WO2022/177608
(31) 17/248,970 (**32**) 16.02.21 **(33)** US
(43) 25.08.2022
(72) POLSTER, Hannah; HANNA, Marcus; ROSSI, Matthew; KELSALL, Tyler; FIEGENER, John; ALLEN, Alexander
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** ALLIED CARBON SOLUTIONS CO., LTD.; NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
(11) AU-A-2022249520
(21) 2022249520 (**22**) 18.03.2022
(54) NOVEL SOPHOROLIPID DERIVATIVE
(51) Int. Cl.
C12P 19/12 (2006.01)
A23K 20/158 (2016.01)
A23K 20/163 (2016.01)
A23L 2/52 (2006.01)
A23L 29/10 (2016.01)
A23L 33/125 (2016.01)
A23L 33/145 (2016.01)
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- A61K 8/60** (2006.01)
A61K 47/26 (2006.01)
A61Q 19/10 (2006.01)
C05G 3/50 (2020.01)
C07H 15/04 (2006.01)
C07H 15/08 (2006.01)
C09K 23/52 (2022.01)
C11D 1/06 (2006.01)
C11D 1/68 (2006.01)
C11D 3/22 (2006.01)
(87) WO2022/210011
(31) 2021-059097 (**32**) 31.03.21 **(33)** JP
 2021-162645 01.10.21 JP
(43) 06.10.2022
(72) FUKUOKA, Tokuma; MORITA, Tomotake; KOBAYASHI, Yosuke; HIROTA, Makoto; YASHIRO, Makoto; HIRAYAMA, Shuji; SHIBA, Shunji; YAMAGATA, Yosuke
(74) FPA Patent Attorneys Pty Ltd
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- (71)** ALPHYN BIOLOGICS, LLC
(11) AU-A-2022226676
(21) 2022226676 (**22**) 25.02.2022
(54) COMPOSITION FOR TREATMENT OF TOPICAL DERMATOLOGICAL BACTERIAL SKIN CONDITIONS
(51) Int. Cl.
A61K 36/47 (2006.01)
A61F 13/02 (2006.01)
A61K 8/02 (2006.01)
A61K 31/353 (2006.01)
A61K 47/00 (2006.01)
A61P 17/00 (2006.01)
(87) WO2022/183001
(31) 63/153,864 (**32**) 25.02.21 **(33)** US
 63/189,276 17.05.21 US
(43) 01.09.2022
(72) PEKOE, Gary Michael; MINK, Jazmyne Kristyne; PENDELNIK, Steven Aaron; KOLLER, Neal G.; BANOV, Daniel; FORAIDA, Zahraa I.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** ALTERRA ENERGY LLC
(11) AU-A-2021431092
(21) 2021431092 (**22**) 12.08.2021
(54) THERMAL CRACKING OF ORGANIC POLYMERIC MATERIALS WITH GAS-LIQUID AND LIQUID-SOLID SEPARATION SYSTEMS
(51) Int. Cl.
C10B 1/10 (2006.01)
C10B 47/30 (2006.01)
C10B 53/07 (2006.01)
C10K 1/04 (2006.01)
F26B 11/02 (2006.01)
F27B 7/24 (2006.01)
(87) WO2022/186858
(31) 63/193,669 (**32**) 27.05.21 **(33)** US
 63/157,316 05.03.21 US
 63/157,391 05.03.21 US
 63/157,371 05.03.21 US
 63/157,414 05.03.21 US
(43) 09.09.2022
(72) DEBENEDICTIS, Jeremy, J.; PRYBYLA, Stanley, G.; ROSACE,

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- Dominic, O.; SASS, Scott, M.; VAN-SUCH, Nicholas, A.
(74) Spruson & Ferguson
-
- (71)** AMVAC HONG KONG LIMITED
(11) AU-A-2022240406
(21) 2022240406 **(22)** 01.03.2022
(54) SUPPLY TUBE ASSEMBLY FOR MEASURING THE LIQUID AGRICULTURAL PRODUCT APPLICATION RATE THROUGH A SUPPLY TUBE
(51) Int. Cl.
G01F 1/64 (2006.01)
G01D 5/24 (2006.01)
G01F 1/28 (2006.01)
G01F 1/58 (2006.01)
G01F 1/66 (2022.01)
G01F 1/68 (2006.01)
(87) WO2022/197435
(31) 17/201,988 **(32)** 15.03.21 **(33)** US
 17/583,479 25.01.22 US
(43) 22.09.2022
(72) CONRAD, Larry M.; RICE, Richard L.
(74) IP Guardian Pty Ltd
-
- (71)** Annex Products Pty Ltd
(11) AU-A-2018297383
(21) 2018297383 **(22)** 28.06.2018
(54) System and method for mounting a handheld electronic device
(51) Int. Cl.
B62J 11/00 (2006.01)
B60R 11/02 (2006.01)
F16M 13/02 (2006.01)
(87) WO2019/006494
(31) 15/643,194 **(32)** 06.07.17 **(33)** US
(43) 10.01.2019
(72) PETERS, Christopher
(74) Griffith Hack
-
- (71)** APOSCIENCE AG
(11) AU-A-2022259549
(21) 2022259549 **(22)** 13.04.2022
(54) TREATMENT OF SKIN SCARS
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 8/98 (2006.01)
A61K 8/99 (2017.01)
A61P 17/02 (2006.01)
A61Q 19/00 (2006.01)
(87) WO2022/219073
(31) 21168183.8 **(32)** 13.04.21 **(33)** EP
(43) 20.10.2022
(72) MILDNER, Michael; ANKERSMIT, Hendrik Jan
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** ARBUTUS BIOPHARMA CORPORATION
(11) AU-A-2022247305
(21) 2022247305 **(22)** 25.03.2022
(54) SUBSTITUTED 1-ARYL-1'-HETEROARYL COMPOUNDS, SUBSTITUTED 1,1'-BIHETEROARYL COMPOUNDS, AND METHODS USING SAME
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/395 (2006.01)
A61K 31/444 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/4709 (2006.01)
A61K 31/4725 (2006.01)
A61K 31/519 (2006.01)
A61K 31/53 (2006.01)
A61K 31/553 (2006.01)
A61P 31/14 (2006.01)
A61P 31/20 (2006.01)
A61P 35/00 (2006.01)
C07D 213/64 (2006.01)
C07D 401/12 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
C07D 413/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 487/10 (2006.01)
C07D 519/00 (2006.01)
(87) WO2022/208269
(31) 63/167,440 **(32)** 29.03.21 **(33)** US
 63/291,666 20.12.21 US
(43) 06.10.2022
(72) AHUJA, Vijay; COLE, Andrew G.; DORSEY, Bruce D.; FAN, Yi; HEFFERNAN, Gavin D.; KAKARLA, Ramesh; KULTGEN, Steven G.; NGUYEN, Duyan; OZTURK, Seyma; QUINTERO, Jorge; SOFIA, Michael J.
(74) RnB IP
-
- (71)** ARES TRADING S.A.
(11) AU-A-2022241910
(21) 2022241910 **(22)** 21.03.2022
(54) METHOD FOR GLYCOSYLATION PROFILING TO DESCRIBE FUNCTIONAL CHARACTERISTICS OF A BIOLOGIC MOLECULE
(51) Int. Cl.
G01N 33/68 (2006.01)
C12P 21/00 (2006.01)
(87) WO2022/200262
(31) 21165362.1 **(32)** 26.03.21 **(33)** EP
(43) 29.09.2022
(72) MASTRANGELI, Renato; SATWEKAR, Abhijeet
(74) FPA Patent Attorneys Pty Ltd
-
- (71)** ARIAT INTERNATIONAL, INC.
(11) AU-A-2022231065
(21) 2022231065 **(22)** 24.02.2022
(54) BOOTS WITH FIT ADJUSTMENT SYSTEMS
(51) Int. Cl.
A43C 11/16 (2006.01)
A43B 23/00 (2006.01)
A43B 23/02 (2006.01)
A43C 1/00 (2006.01)
A43C 1/06 (2006.01)
A43C 7/00 (2006.01)
A43C 11/00 (2006.01)
(87) WO2022/187065
(31) 63/155,034 **(32)** 01.03.21 **(33)** US
 17/678,946 23.02.22 US
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- (43)** 09.09.2022
(72) MACLEOD, Lars, Erik; RIVAS, Jake, Lawrence
(74) GLMR
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- (71)** ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY
(11) AU-A-2022252244
(21) 2022252244 **(22)** 30.03.2022
(54) HIGHLY ATTENUATED REPLICATION-COMPETENT RECOMBINANT POXVIRUSES AS A VACCINE PLATFORM AND METHODS OF USE
(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 39/215 (2006.01)
C12N 15/863 (2006.01)
(87) WO2022/212499
(31) 63/168,140 **(32)** 30.03.21 **(33)** US
 63/251,319 01.10.21 US
 63/286,961 07.12.21 US
(43) 06.10.2022
(72) JACOBS, Bertram; KIBLER, Karen
(74) Griffith Hack
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- (71)** ARMAMENTS RESEARCH COMPANY INC.
(11) AU-A-2022249162
(21) 2022249162 **(22)** 01.04.2022
(54) REAL-TIME STREAMING OF WEAPON USAGE INFORMATION ON DISCONNECTED NETWORKS
(51) Int. Cl.
F41A 1/00 (2006.01)
G06Q 10/08 (2023.01)
(87) WO2022/212825
(31) 63/169,283 **(32)** 01.04.21 **(33)** US
 63/216,037 29.06.21 US
(43) 06.10.2022
(72) CANTY, Michael John; BROADWAY, Kyle William; PEACHIN, Isaac E.; ARUN, Vikas; LUCAS, Joe Tran; PELTON, Michael David; SAHNI, Kiran Singh; HAYNES, Joshua; DENG, William
(74) ET Intellectual Property
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- (71)** ASAHI KASEI KABUSHIKI KAISHA
(11) AU-A-2022245619
(21) 2022245619 **(22)** 25.03.2022
(54) ELECTRODE, METHOD FOR PREPARING ELECTRODE, ANODE FOR WATER ELECTROLYSIS, ELECTROLYTIC CELL, AND METHOD FOR PRODUCING HYDROGEN
(51) Int. Cl.
C25B 11/077 (2021.01)
B01J 23/83 (2006.01)
B01J 23/843 (2006.01)
B01J 23/847 (2006.01)
B01J 23/889 (2006.01)
B01J 37/08 (2006.01)
C01B 3/02 (2006.01)
C04B 35/50 (2006.01)
C25B 1/04 (2021.01)
C25B 9/00 (2021.01)
C25B 11/052 (2021.01)
(87) WO2022/203077
(31) 2021-052313 **(32)** 25.03.21 **(33)** JP

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2021-160053 29.09.21 JP
- (43) 29.09.2022
(72) NIIRO Hideaki; FUJII Yuichi
(74) Griffith Hack
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- (71) ASCENDIS PHARMA A/S
(11) AU-A-2022246997
(21) 2022246997 (22) 31.03.2022
(54) USE OF LONG-ACTING GROWTH HORMONE FOR TREATING INFLAMMATION-INDUCED DISEASES
(51) Int. Cl.
C07K 14/61 (2006.01)
A61K 38/27 (2006.01)
A61K 47/50 (2017.01)
A61K 47/56 (2017.01)
A61K 47/60 (2017.01)
A61K 47/64 (2017.01)
A61P 1/16 (2006.01)
A61P 29/00 (2006.01)
(87) WO2022/207798
(31) 21166699.5 (32) 01.04.21 (33) EP
(43) 06.10.2022
(72) SPROGØE, Kennett; KJEL-GAARD-HANSEN, Mads Jens; ZOIS, Nora Elisabeth; TUXEN POULSEN, Thomas; YANG-MALTEN, Yang
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) ASTEC, INC.
(11) AU-A-2022249400
(21) 2022249400 (22) 01.04.2022
(54) REVERSED INTERSTITIAL PADDLES
(51) Int. Cl.
E01C 19/10 (2006.01)
(87) WO2022/212927
(31) 63/170,170 (32) 02.04.21 (33) US
(43) 06.10.2022
(72) RISLEY, Kevin; WALKER, Chase; VARNER, Michael, C.; HOBBS, Andrew; RENEGAR, Greg
(74) AJ Pietras IP Limited
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- (71) ASTELLAS PHARMA INC.
(11) AU-A-202225774
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(54) METHODS OF REDUCING RISK OF PROSTATE CANCER PROGRESSION
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A61K 31/4164 (2006.01)
A61P 35/00 (2006.01)
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C08B 37/16 (2006.01)
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B01D 53/14 (2006.01)
A23B 7/14 (2006.01)
A23B 7/157 (2006.01)
A23B 9/16 (2006.01)
A23B 9/30 (2006.01)
B01D 53/50 (2006.01)
B01D 53/62 (2006.01)
B65B 25/04 (2006.01)
B65B 29/00 (2006.01)
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C01B 32/50 (2017.01)
C01F 3/00 (2006.01)
C05F 9/04 (2006.01)
C05F 11/00 (2006.01)
C07C 51/00 (2006.01)
C07C 51/353 (2006.01)
C07C 53/08 (2006.01)
C09K 17/40 (2006.01)
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C07D 403/14 (2006.01)
A61P 21/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 403/12 (2006.01)
C07D 409/14 (2006.01)
C07D 411/14 (2006.01)
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B60W 30/09 (2012.01)
G05D 1/00 (2006.01)
G08G 1/16 (2006.01)
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B25J 11/00 (2006.01)
B25J 5/04 (2006.01)
B25J 9/16 (2006.01)
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C12N 15/67 (2006.01)
A61K 38/18 (2006.01)
A61K 48/00 (2006.01)

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G06N 3/00 (2023.01)
C12Q 1/02 (2006.01)
C12R 1/90 (2006.01)
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F04B 47/06 (2006.01)
E21B 43/12 (2006.01)
F04B 35/04 (2006.01)
F04D 13/10 (2006.01)
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E21B 34/14 (2006.01)
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A01N 1/02 (2006.01)
A61M 1/02 (2006.01)
B01L 7/00 (2006.01)
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C07D 271/113 (2006.01)
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C12N 9/78 (2006.01)
C12N 15/11 (2006.01)
C12N 15/86 (2006.01)
C12N 15/90 (2006.01)
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C12N 9/22 (2006.01)
A61K 38/00 (2006.01)
C12N 15/90 (2006.01)
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G01N 15/14 (2006.01)
G01N 15/00 (2006.01)
G05D 16/00 (2006.01)
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A61L 15/18 (2006.01)
A61L 15/26 (2006.01)
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A47L 11/24 (2006.01)
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A61K 36/605 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
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A61M 1/16 (2006.01)
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B65D 1/02 (2006.01)
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C21B 5/06 (2006.01)
C21B 13/00 (2006.01)
C21C 5/52 (2006.01)
C22B 1/24 (2006.01)
C22B 1/244 (2006.01)
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C22B 7/02 (2006.01)
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C07K 16/08 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
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C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/53 (2006.01)
A61P 35/00 (2006.01)
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A61K 9/00 (2006.01)
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A61P 35/00 (2006.01)

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A61K 31/5386 (2006.01)
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C07D 213/74 (2006.01)
C07D 401/04 (2006.01)
C07D 401/12 (2006.01)
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A61N 1/36 (2006.01)
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F24H 9/20 (2022.01)
F24H 1/08 (2022.01)
F24H 1/20 (2022.01)
H05B 1/02 (2006.01)
H05B 3/82 (2006.01)
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D03D 39/22 (2006.01)
D02G 3/32 (2006.01)
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(54) USE OF OREGOVOMAB AND BEVACIZUMAB, PACLITAXEL, CARBOPLATIN FOR TREATMENT OF BRCA-WILD TYPE PLATINUM SENSITIVE RECURRENT
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/194 (2006.01)
A61K 31/337 (2006.01)
A61P 35/00 (2006.01)
C07C 61/04 (2006.01)
C07D 305/14 (2006.01)
(87) WO2022/187957
(31) 63/159,013 **(32)** 10.03.21 **(33)** US
(43) 15.09.2022
(72) MADIYALAKAN, Ragupathy
(74) FB Rice Pty Ltd
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- (71)** CARDIO-RENAL SOLUTIONS, INC.
(11) AU-A-2022234962
(21) 2022234962 **(22)** 10.03.2022
(54) DEVICE AND METHOD FOR VARIABLE BLOOD FLOW OCCLUSION
(51) Int. Cl.
A61F 2/07 (2013.01)
(87) WO2022/192483
(31) 63/160,637 **(32)** 12.03.21 **(33)** US
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(72) THORNTON, Troy
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- (71)** CAREFUSION 303, INC.
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(54) LOCKING CAP ASSEMBLY
(51) Int. Cl.
A61J 1/14 (2023.01)
G07C 9/00 (2020.01)
(87) WO2022/197966
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(54) NEEDLELESS CONNECTOR WITH COMPRESSIBLE AND DEFLECTABLE VALVE
(51) Int. Cl.
A61M 39/10 (2006.01)
A61M 39/12 (2006.01)
A61M 39/24 (2006.01)
A61M 39/26 (2006.01)
(87) WO2022/235470
(31) 17/307,630 **(32)** 04.05.21 **(33)** US
(43) 10.11.2022
(72) WINE, Jason Andrew; MANSOUR, George
(74) FB Rice Pty Ltd
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(54) FIXED POINT NUMBER REPRESENTATION AND COMPUTATION CIRCUITS
(51) Int. Cl.
G11C 13/00 (2006.01)
H03M 7/00 (2006.01)
C12Q 1/68 (2018.01)
G06N 3/12 (2023.01)
(87) WO2022/203958
(31) 63/165,507 **(32)** 24.03.21 **(33)** US
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(72) BHATIA, Swapnil P.; NORSWORTHY, Michael; KAMBARA, Tracy
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** CATERPILLAR GLOBAL MINING LLC
(11) AU-A-2022235263
(21) 2022235263 **(22)** 09.03.2022
(54) LINKAGE FOR ARM ASSEMBLY WITH REDUCED WELD FATIGUE
(51) Int. Cl.
E02F 3/34 (2006.01)
E02F 3/30 (2006.01)
E02F 3/32 (2006.01)
E02F 3/42 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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 (21) 2022232280 (22) 28.02.2022
 (54) ROTATING TRACK GUIDE COMPONENTS WITH WHITE-IRON SEGMENTS
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 B62D 55/14 (2006.01)
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 (72) RATHOD, Chandrasen Rameshlal; JOHANNSEN, Eric James; RECKER, Roger L.
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2022238719
 (21) 2022238719 (22) 28.02.2022
 (54) TRACK SHOE WITH LARGE CAVITIES ON GROUND ENGAGING SURFACES HAVING A PROTRUDING SIDEWALL OR AN OVAL PERIMETER
 (51) Int. Cl.
 B62D 55/21 (2006.01)
 (87) WO2022/197426
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 (72) JONES, Benjamin, Isaac; DUMITRU, Mircea
 (74) Patent Attorney Services

(71) CELGENE CORPORATION; BRISTOL-MYERS SQUIBB COMPANY
 (11) AU-A-2022263424
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 (54) METHODS OF TREATING NON-HODGKIN LYMPHOMA USING 2-(2,6-DIOXOPIPERIDIN-3YL)-4-(2-FLUORO-4-((3-MORPHOLINOAZETIDIN-1-YL)METHYL)BENZYL)AMINO)ISOINDOLIN-1-ONE
 (51) Int. Cl.
 A61K 31/5377 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/02 (2006.01)
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 (72) BUCHHOLZ, Tonia, J.; POURDEHNAD, Michael; PATAH, Poliana, Alves; WU, Fan
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 (54) APPLICATIONS OF BIASED LIGANDS OF THE SEROTONIN 5-HT7 RECEPTOR FOR THE TREATMENT OF PAIN, MULTIPLE SCLEROSIS AND THE CONTROL OF THERMOREGULATION.
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A61K 31/4166 (2006.01)
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A61K 31/506 (2006.01)
A61K 31/53 (2006.01)
A61K 31/551 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
A61P 43/00 (2006.01)
C07D 233/70 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2022252997 (22) 31.03.2022
 (54) COMPOSITIONS AND METHODS FOR GENERATING GAMMA-DELTA T CELLS FROM INDUCED PLURIPOTENT STEM CELLS
 (51) Int. Cl.
 C12N 5/10 (2006.01)
 A61K 39/00 (2006.01)
 A61P 35/00 (2006.01)
 C07K 19/00 (2006.01)
 C12N 5/0783 (2010.01)
 C12N 5/0789 (2010.01)
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 (43) 63/279,837 16.11.21 US
 (43) 13.10.2022
 (72) WALLET, Mark; NISHIMURA, Toshinobu; MENDONCA, Mark; LEBID, Andriana; SALANTES, Brenda; SANTOSTEFANO, Katherine; NASO, Michael, Francis; GURUNG, Buddha; ZHU, Zengrong; MORSE, Barry; BORGES, Luis; DEL CA-SALE, Christina; BEQIRI, Marilda; THOMPSON, Lucas
 (74) Spruson & Ferguson

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 (54) COMBINED ARTIFICIAL CELL DEATH/REPORTER SYSTEM POLYPEPTIDE FOR CHIMERIC ANTIGEN RECEPTOR CELL AND USES THEREOF
 (51) Int. Cl.
 A61K 39/00 (2006.01)
 C12N 5/00 (2006.01)
 (87) WO2022/216524
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 (72) GURUNG, Buddha; BORGES, Luis; NASO, Michael, Francis
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 (54) COMPOSITIONS AND METHODS FOR GENERATING ALPHA-BETA T CELLS FROM INDUCED PLURIPOTENT STEM CELLS
 (51) Int. Cl.
 C12N 5/074 (2010.01)
 C07K 14/725 (2006.01)
 C12N 5/0783 (2010.01)
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 (31) 63/171,650 (32) 07.04.21 (33) US
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 (72) WALLET, Mark; SANTOSTEFANO, Katherine; SALANTES, Brenda; MENDONCA, Mark; NISHIMURA, Toshinobu; NASO, Michael, Francis; GURUNG, Buddha; ZHU, Zengrong; MORSE, Barry; BORGES, Luis; CARTON, Jill, Marinari
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 (11) AU-A-2022231254
 (21) 2022231254 (22) 03.03.2022
 (54) COMBINED PHARMACEUTICAL COMPOSITION CONTAINING CDK4/6 INHIBITOR AND USE THEREOF
 (51) Int. Cl.
 A61K 31/565 (2006.01)
 A61P 35/00 (2006.01)
 C07D 403/14 (2006.01)
 (87) WO2022/184146
 (31) 202110236331.5 (32) 03.03.21 (33) CN
 (43) 09.09.2022
 (72) FENG, Fan; YU, Ding; WANG, Xunqiang; ZHANG, Xiquan; BAI, Yanfeng; YANG, Chaoqiang; ZHANG, Yuying
 (74) Allens Patent & Trade Mark Attorneys

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 (54) SEMI-STATIC HARQ CODEBOOK CONSTRUCTION METHOD AND APPARATUS, DEVICE, AND READABLE STORAGE MEDIUM
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 H04W 72/04 (2023.01)
 H04L 1/18 (2023.01)
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 (72) YANG, Tuo
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 (51) Int. Cl.
 C07D 271/10 (2006.01)
 A61K 31/496 (2006.01)
 A61K 31/5377 (2006.01)
 A61K 31/541 (2006.01)
 C07D 413/04 (2006.01)
 C07D 413/12 (2006.01)
 C07D 471/10 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) AUDITING CITATIONS IN A TEXTUAL DOCUMENT
 (51) Int. Cl.
 G06F 40/205 (2020.01)
 (87) WO2022/178011
 (31) 63/151,111 (32) 19.02.21 (33) US
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 (72) SCHAFER, Jacqueline Grace; SAURA, Jose Demetrio; TAKAHASHI, Chad Eric
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 (21) 2022237796 (22) 18.03.2022
 (54) DETERMINING UNCERTAINTY OF AGRONOMIC PREDICTIONS
 (51) Int. Cl.
 G06Q 10/04 (2023.01)
 G06N 20/00 (2019.01)
 G06Q 50/02 (2012.01)
 G06V 20/17 (2022.01)
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2022368370 (22) 20.12.2022
 (54) PHARMACEUTICAL COMPOSITION CONTAINING DOCETAXEL OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF AND PREPARATION METHOD THEREFOR
 (51) Int. Cl.
 A61B 17/56 (2006.01)
- (71) Int. Cl.
 A61K 31/337 (2006.01)
 A61K 47/50 (2017.01)
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 (72) KIM, Ho Jun; KIM, Ki Yeok; JIN, Geun Woo
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 A61B 17/70 (2006.01)
 A61B 17/17 (2006.01)
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 (72) KARNEZIS, Ioannis
 (74) Adrian M Trioli Patent and Trade Mark Attorney
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- (71) CORTENE INC.
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 (21) 2022238570 (22) 17.03.2022
 (54) IMPROVED METHODS OF TREATING DISEASES RESULTING FROM A MALADAPTED STRESS RESPONSE
 (51) Int. Cl.
 A61K 38/17 (2006.01)
 A61K 38/16 (2006.01)
 A61P 25/00 (2006.01)
 (87) WO2022/198230
 (31) 63/200,609 (32) 17.03.21 (33) US
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 (72) PEREIRA, Gerard
 (74) Davies Collison Cave Pty Ltd
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- (71) CRINETICS PHARMACEUTICALS, INC.
 (11) AU-A-2022240609
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 (54) MELANOCORTIN SUBTYPE-2 RECEPTOR (MC2R) ANTAGONIST FOR THE TREATMENT OF DISEASE
 (51) Int. Cl.
 C07D 295/04 (2006.01)
 C07D 401/10 (2006.01)
 C07D 401/14 (2006.01)
 (87) WO2022/197798
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 (74) FB Rice Pty Ltd
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- (71) CROSSROADS EXTREMITY SYSTEMS, LLC
 (11) AU-A-2022219929
 (21) 2022219929 (22) 09.02.2022
 (54) BUNION CORRECTION SYSTEM AND METHOD
 (51) Int. Cl.
 A61B 17/56 (2006.01)
- (87) WO2022/173806
 (31) 63/148,087 (32) 10.02.21 (33) US
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 (72) HOLLIS, Michael Chad; SAYGER, Daniel; BOMAR, Bradley
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 (54) BOX-IN-A-BOX SHIPPER
 (51) Int. Cl.
 B65D 88/14 (2006.01)
 B65D 81/38 (2006.01)
 B65D 88/02 (2006.01)
 (87) WO2022/192405
 (31) 63/159,859 (32) 11.03.21 (33) US
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 (21) 2021432764 (22) 30.04.2021
 (54) CORYNEBACTERIUM GLUTAMICUM VARIANT HAVING IMPROVED L-LYSINE PRODUCTION ABILITY, AND METHOD FOR PRODUCING L-LYSINE BY USING SAME
 (51) Int. Cl.
 C12N 15/77 (2006.01)
 C12N 9/88 (2006.01)
 C12P 13/08 (2006.01)
 (87) WO2022/191358
 (31) 10-2021-0030960 (32) 09.03.21 (33) KR
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 (72) RYU, Mi; MOON, Min Woo; HONG, In Pyo; PARK, Seok Hyun; PARK, Joon Hyun
 (74) FB Rice Pty Ltd
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 (11) AU-A-2022248779
 (21) 2022248779 (22) 28.03.2022
 (54) STABLE MULTISPECIFIC MOLECULE AND USE THEREOF
 (51) Int. Cl.
 C12N 15/13 (2006.01)
 A61K 39/395 (2006.01)
 A61K 47/55 (2017.01)
 A61K 47/68 (2017.01)
 A61P 35/00 (2006.01)
 A61P 35/02 (2006.01)
 C07K 16/28 (2006.01)
 C07K 16/30 (2006.01)
 C07K 16/46 (2006.01)
 C12N 1/15 (2006.01)
 C12N 1/19 (2006.01)
 C12N 1/21 (2006.01)
 C12N 5/10 (2006.01)
 C12N 15/62 (2006.01)
 C12N 15/63 (2006.01)
 C12P 21/08 (2006.01)
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 (11) AU-A-2022246090
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 (54) ENAMINE N-OXIDES: SYNTHESIS AND APPLICATION TO HYPOXIA-RESPONSIVE PRODRUGS AND IMAGING AGENTS
 (51) Int. Cl.
A61K 31/131 (2006.01)
A61K 31/133 (2006.01)
C07D 311/82 (2006.01)
C07D 311/84 (2006.01)
C07D 311/86 (2006.01)
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 (31) 63/165,992 (32) 25.03.21 (33) US
 (43) 29.09.2022
 (72) KIM, Justin; KANG, Dahye; CHEUNG, Sheldon T.
 (74) Spruson & Ferguson
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 (54) BIOORTHOGONAL REACTION SUITABLE FOR CLICK/UNCCLICK APPLICATIONS
 (51) Int. Cl.
C01B 21/14 (2006.01)
A61K 31/13 (2006.01)
A61K 31/14 (2006.01)
A61K 31/15 (2006.01)
 (87) WO2022/216616
 (31) 63/170,705 (32) 05.04.21 (33) US
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- (71) DEEPMIND TECHNOLOGIES LIMITED
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 (21) 2022288746 (22) 08.06.2022
 (54) MULTIMODAL FEW-SHOT LEARNING WITH FROZEN LANGUAGE MODELS
 (51) Int. Cl.
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
G06V 10/80 (2022.01)
G06V 10/82 (2022.01)
 (87) WO2022/258666
 (31) 20210100374 (32) 08.06.21 (33) GR
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) BRAKING SYSTEM, COMPUTER-IMPLEMENTED METHOD OF DECELERATING A RAIL VEHICLE, COMPUTER PROGRAM AND NON-VOLATILE DATA CARRIER
 (51) Int. Cl.
B60T 8/17 (2006.01)
B60T 8/32 (2006.01)
B60T 13/66 (2006.01)
B60T 17/22 (2006.01)
F16D 66/00 (2006.01)
 (87) WO2022/194405
 (31) 21162663.5 (32) 15.03.21 (33) EP
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 (72) PRIM, Viktor
 (74) Davies Collison Cave Pty Ltd
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 (54) ADHESIVE, LAMINATE, AND PACKAGING MATERIAL
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C09J 175/06 (2006.01)
B32B 27/36 (2006.01)
B65D 65/40 (2006.01)
 (87) WO2022/190873
 (31) 2021-039098 (32) 11.03.21 (33) JP
 (43) 15.09.2022
 (72) HOSONO Tsukiko; OGAWA Masahiko; AKITA Koji; HIROTA Yasunobu
 (74) FB Rice Pty Ltd
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- (71) DICE MOLECULES SV, INC.
 (11) AU-A-2022232625
 (21) 2022232625 (22) 10.03.2022
 (54) ALPHA V BETA 6 AND ALPHA V BETA 1 INTEGRIN INHIBITORS AND USES THEREOF
 (51) Int. Cl.
A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
C07D 491/18 (2006.01)
C07D 495/04 (2006.01)
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 (74) Spruson & Ferguson
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- (71) DIGITAL SURGERY SYSTEMS, INC.
 (11) AU-A-2022234974
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 (54) AUTOMATED TOUCHLESS REGISTRATION FOR SURGICAL NAVIGATION
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A61B 34/20 (2016.01)
A61B 90/14 (2016.01)
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 (54) EAR HYGIENIC IMPLEMENTS AND KIT
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A61F 11/00 (2022.01)
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 (43) 04.11.2021
 (72) DUKOVICH, Sunny
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2022300907
 (21) 2022300907 (22) 07.02.2022
 (54) LINKS PLATFORM-AS-A-SERVICE
 (51) Int. Cl.
G06F 21/62 (2013.01)
H04L 9/40 (2022.01)
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H04L 65/611 (2022.01)
G11B 27/034 (2006.01)
H04L 65/401 (2022.01)
H04L 65/403 (2022.01)
H04N 7/15 (2006.01)
H04N 21/433 (2011.01)
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H04N 21/6587 (2011.01)
H04N 21/854 (2011.01)
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 G07C 9/00 (2020.01)
 G05B 15/02 (2006.01)
 H04W 4/02 (2018.01)
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 C25B 1/02 (2006.01)
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 C22C 33/04 (2006.01)
 C21C 7/00 (2006.01)
 C22C 38/02 (2006.01)
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 C22C 38/06 (2006.01)
 C22C 38/12 (2006.01)
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 C22C 38/26 (2006.01)
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 C22C 38/48 (2006.01)
 C22C 45/02 (2006.01)
 F27B 3/02 (2006.01)
 F27B 3/08 (2006.01)
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 G06N 3/02 (2006.01)
 G06T 11/00 (2006.01)
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 B09C 1/02 (2006.01)
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B09C 1/08 (2006.01)
C02F 11/00 (2006.01)
G21F 9/12 (2006.01)
B09B 101/30 (2022.01)
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A61L 24/00 (2006.01)
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A23C 9/142 (2006.01)
A23C 9/144 (2006.01)
A23C 9/146 (2006.01)
C07H 1/08 (2006.01)
C13K 5/00 (2006.01)
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B27N 3/04 (2006.01)
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A61M 1/34 (2006.01)
B01D 15/00 (2006.01)
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A61K 39/215 (2006.01)
A61K 9/127 (2006.01)
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(51) Int. Cl.
F23D 14/70 (2006.01)
F23D 14/02 (2006.01)
F23D 14/62 (2006.01)
F23D 14/64 (2006.01)
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(54) COMBUSTION SYSTEM WITH ULTRALOW NOX EMISSION AND QUICK FUEL MIXING METHOD
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F23D 14/70 (2006.01)
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C04B 35/468 (2006.01)
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 (54) RESPIRATORY OR SURGICAL HUMIDIFIER AND COMPONENTS THEREOF
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A61M 16/08 (2006.01)
A61M 16/10 (2006.01)
A61M 16/16 (2006.01)
G05B 23/02 (2006.01)
G06F 17/40 (2006.01)
H01B 9/00 (2006.01)
H01B 11/00 (2006.01)
H01R 13/66 (2006.01)
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B60P 1/64 (2006.01)
G05D 1/02 (2020.01)
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G10L 25/48 (2013.01)
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G10L 25/30 (2013.01)
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A61K 39/155 (2006.01)
A61K 39/395 (2006.01)
A61P 31/12 (2006.01)
C07K 16/08 (2006.01)
C12N 15/09 (2006.01)
C12N 15/13 (2006.01)
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 (54) VAGINAL MICROBIOTA-ASSOCIATED METHODS, COMPOSITIONS, AND DEVICES
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A61K 35/747 (2015.01)
A61K 9/00 (2006.01)
A61K 47/32 (2006.01)
A61K 47/36 (2006.01)
A61M 31/00 (2006.01)
A61P 15/02 (2006.01)
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- (71) FUJIFILM CORPORATION; National University Corporation Tokyo Medical and Dental University
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 (54) METHOD FOR PRODUCING THERAPEUTIC AGENT FOR ARTHROPATHY, AND THERAPEUTIC AGENT FOR ARTHROPATHY
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A61K 35/28 (2015.01)
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A61P 19/02 (2006.01)
C12Q 1/06 (2006.01)
G01N 33/48 (2006.01)
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 (74) Griffith Hack
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 (21) 2022248100 (22) 09.03.2022
 (54) AIR-CONDITIONING DEVICE
 (51) Int. Cl.
F24F 13/20 (2006.01)
F04D 17/04 (2006.01)
F24F 1/0073 (2019.01)
 (87) WO2022/209651
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 (72) SAWADA, Hirotaka
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 (54) INFORMATION PROCESSING PROGRAM, INFORMATION PROCESSING METHOD, AND INFORMATION PROCESSING DEVICE
 (51) Int. Cl.
G16B 40/20 (2019.01)
G16B 15/00 (2019.01)
G16B 50/00 (2019.01)
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 (54) USEFUL-HYDROCARBON PRODUCTION METHOD AND USEFUL-HYDROCARBON PRODUCTION DEVICE
 (51) Int. Cl.
C10L 3/12 (2006.01)
C01B 3/38 (2006.01)
C07B 61/00 (2006.01)
C07C 1/04 (2006.01)
C07C 9/02 (2006.01)
C10G 2/00 (2006.01)
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B07B 1/22 (2006.01)
B03B 5/56 (2006.01)
B07B 1/00 (2006.01)
B07B 1/42 (2006.01)
B60B 9/28 (2006.01)
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A61G 13/12 (2006.01)
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A61P 31/14 (2006.01)
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C12N 5/0783 (2010.01)
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C12N 15/63 (2006.01)
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C07D 401/14 (2006.01)
A61P 1/16 (2006.01)
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C07D 403/04 (2006.01)
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A61K 31/138 (2006.01)
A61K 31/145 (2006.01)
A61K 31/277 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
A61P 27/00 (2006.01)
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G06N 10/60 (2022.01)
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
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C07C 63/28 (2006.01)
C08J 11/16 (2006.01)
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C07K 19/00 (2006.01)
A61K 39/395 (2006.01)
A61K 47/55 (2017.01)
A61P 15/00 (2006.01)
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G16H 50/20 (2018.01)
A47D 9/02 (2006.01)
A47D 15/00 (2006.01)
A61B 5/00 (2006.01)
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A01N 1/02 (2006.01)
A61K 35/28 (2015.01)
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B60G 11/27 (2006.01)
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C08L 95/00 (2006.01)
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 A61P 35/00 (2006.01)
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 H04W 52/30 (2009.01)
 H04W 72/04 (2023.01)
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C25B 15/08 (2006.01)
B01D 61/00 (2006.01)
C01B 3/02 (2006.01)
C25B 1/04 (2021.01)
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G01C 21/30 (2006.01)
G06T 7/00 (2017.01)
G06T 15/04 (2011.01)
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G06N 20/00 (2019.01)
G06Q 40/08 (2012.01)
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A61K 38/17 (2006.01)
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B60L 58/27 (2019.01)
G01R 31/389 (2019.01)
H01M 10/44 (2006.01)
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H02J 7/04 (2006.01)
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C01G 29/00 (2006.01)
C01G 49/00 (2006.01)
C08K 3/30 (2006.01)
C08L 101/00 (2006.01)
C09D 7/61 (2018.01)
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C07D 515/18 (2006.01)
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C07K 1/16 (2006.01)
C07K 16/28 (2006.01)
C07K 19/00 (2006.01)
C12N 9/24 (2006.01)
C12N 15/13 (2006.01)
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A61K 35/761 (2015.01)
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C07K 14/075 (2006.01)
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B61B 3/00 (2006.01)
B61C 17/00 (2006.01)
B61D 47/00 (2006.01)
B61F 5/00 (2006.01)
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A61J 13/00 (2006.01)
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C12N 15/82 (2006.01)
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B65D 83/08 (2006.01)
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D04H 1/542 (2012.01)
B32B 5/28 (2006.01)
B32B 7/04 (2019.01)
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A61F 13/537 (2006.01)
A61F 13/539 (2006.01)
A61L 15/60 (2006.01)
B32B 5/26 (2006.01)
B32B 7/04 (2019.01)
D04H 1/542 (2012.01)
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C07K 14/54 (2006.01)
A61K 35/17 (2015.01)
C07K 14/71 (2006.01)
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A61F 7/08 (2006.01)
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G01C 9/24 (2006.01)
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H04L 1/06 (2006.01)
H04B 7/02 (2018.01)
H04L 7/00 (2006.01)
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A61K 35/12 (2015.01)
A61K 35/17 (2015.01)
A61K 35/26 (2015.01)
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A61K 31/4709 (2006.01)
A61K 31/4725 (2006.01)
A61K 31/517 (2006.01)
A61K 31/5377 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07D 417/14 (2006.01)
C12N 5/078 (2010.01)
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PRODUCE LIQUID CARBON DIOXIDE
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F25J 3/02 (2006.01)
F25J 3/08 (2006.01)
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FY AN INSPECTION ZONE FOR A RE-
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H02J 3/00 (2006.01)
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H04L 9/00 (2022.01)
G06F 8/65 (2018.01)
G06F 8/71 (2018.01)
G06F 21/64 (2013.01)
H04L 9/32 (2006.01)
H04L 9/40 (2022.01)
H04L 67/00 (2022.01)
H04W 84/18 (2009.01)
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TION FOR UTILITY COMMUNICATION
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H04L 41/044 (2022.01)
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USE
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E04H 15/48 (2006.01)
A45B 19/08 (2006.01)
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H04W 76/28 (2018.01)
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H04W 4/06 (2009.01)
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(54) METHOD AND APPARATUS FOR
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H04W 36/08 (2009.01)
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G06F 8/20 (2018.01)
H04W 28/00 (2009.01)

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H04B 7/06 (2006.01)
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H04B 7/155 (2006.01)
H04L 5/00 (2006.01)
H04W 72/04 (2023.01)
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H04B 7/06 (2006.01)
H04B 7/0456 (2017.01)
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H04W 64/00 (2009.01)
G01S 5/02 (2010.01)
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H04W 4/029 (2018.01)
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AND ITS APPLICATION FOR THE
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C07D 401/10 (2006.01)
C07D 207/34 (2006.01)
C07D 217/14 (2006.01)
C07D 217/16 (2006.01)
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MATCHING
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G06F 21/44 (2013.01)
G06F 21/51 (2013.01)
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B41J 2/00 (2006.01)
B41J 2/175 (2006.01)
B41J 2/235 (2006.01)
B41J 2/30 (2006.01)
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C07K 16/40 (2006.01)
A61K 38/00 (2006.01)
A61P 35/00 (2006.01)
C12N 15/62 (2006.01)
C12N 15/85 (2006.01)
G01N 33/574 (2006.01)
G01N 33/68 (2006.01)
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A47L 11/40 (2006.01)
A47L 5/24 (2006.01)
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A47L 23/20 (2006.01)
A47B 61/04 (2006.01)
A61L 2/07 (2006.01)
F26B 3/02 (2006.01)
F26B 7/00 (2006.01)
F26B 9/00 (2006.01)
F26B 21/00 (2006.01)
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SONG, Seung Hyun
(74) Dentons Patent Attorneys Australasia
Limited
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G01R 31/367 (2019.01)
G01R 27/02 (2006.01)
G01R 27/26 (2006.01)
G01R 31/14 (2006.01)
G01R 31/382 (2019.01)
G01R 31/392 (2019.01)
G01R 31/396 (2019.01)
G01R 31/52 (2020.01)
H02J 7/00 (2006.01)
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(54) ENERGY STORAGE SYSTEM ASSO-
CIATED WITH SOLAR SYSTEM AND

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(51) Int. Cl.
H02J 3/32 (2006.01)
G05F 1/67 (2006.01)
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H02J 7/35 (2006.01)
G01R 31/392 (2019.01)
G01R 31/40 (2020.01)
G01R 31/52 (2020.01)
G01R 31/56 (2020.01)
H02J 3/38 (2006.01)
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H01M 50/298 (2021.01)
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(21) 2022233186 **(22)** 04.03.2022
(54) ARRANGEMENT OF COMPONENTS WITHIN A COOKING DEVICE
(51) Int. Cl.
A47J 37/07 (2006.01)
A23B 4/044 (2006.01)
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(74) Griffith Hack
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(54) COOKING DEVICE
(51) Int. Cl.
C10G 9/36 (2006.01)
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(54) DRIP TRAY FOR A COOKING DEVICE
(51) Int. Cl.
A47J 37/07 (2006.01)
A23B 4/044 (2006.01)
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(31) 17/195,488 **(32)** 08.03.21 **(33)** US
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(54) DRIP TRAY FOR A COOKING DEVICE
(51) Int. Cl.
A47J 37/07 (2006.01)
A23B 4/044 (2006.01)
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(54) MULTIVALENT PROTEINS AND SCREENING METHODS
(51) Int. Cl.
C07K 14/78 (2006.01)
A61K 38/00 (2006.01)
C07K 14/315 (2006.01)
G01N 33/68 (2006.01)
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(11) AU-A-2022233249
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(54) METHOD AND PLANT FOR STEAM CRACKING
(51) Int. Cl.
C10G 9/36 (2006.01)
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(54) MULTI-INSTRUMENT DEVICE BASED ON PARTIAL RECONFIGURATION FPGA
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G01R 19/25 (2006.01)
G01R 15/12 (2006.01)
G06F 15/78 (2006.01)
H03K 19/17756 (2020.01)
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(54) METHODS FOR CARBON CAPTURE AND INCREASING YIELD OF CROP PLANTS
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A01N 63/00 (2020.01)
A01H 3/00 (2006.01)
A01N 63/30 (2020.01)
C12N 1/14 (2006.01)
(87) WO2022/174313
(31) 2021900474 **(32)** 22.02.21 **(33)** AU
(43) 25.08.2022
(72) HAQUE, Ahsanul; SUB-ASHCHANDRABOSE, Suresh; CHAUDHURY, Abed; PUR-USHOTAM, Neeraj; NOCK, Tegan; OLY, Frank
(74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD
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- (71)** LODESTAR STRUCTURES INC.
(11) AU-A-2022220762
(21) 2022220762 **(22)** 10.02.2022
(54) MODULE FOR USE IN PREPARING A PREFABRICATED STRUCTURE, METHOD FOR MANUFACTURING SAME AND TRANSPORT FRAME
(51) Int. Cl.
E04B 1/343 (2006.01)
E04B 1/04 (2006.01)
E04B 1/20 (2006.01)
E04B 1/348 (2006.01)
(87) WO2022/170430
(31) 63/148,801 **(32)** 12.02.21 **(33)** US
(43) 18.08.2022
(72) SEARLES, Darrell Albert; BRADFIELD, Jeffrey Rae Newell
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2022235168 (22) 09.03.2022
 (54) LIQUID SEPARATOR SYSTEM
 (51) Int. Cl.
F01M 13/04 (2006.01)
B01D 46/00 (2022.01)
F01M 13/00 (2006.01)
F25B 43/00 (2006.01)
 (87) WO2022/187897
 (31) 2021900676 (32) 10.03.21 (33) AU
 (43) 15.09.2022
 (72) HOWARTH, Leon
 (74) Daniel Rosenthal
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 (11) AU-A-2022244890
 (21) 2022244890 (22) 21.03.2022
 (54) DC009 FOR TREATING ACUTE ISCHEMIC STROKE
 (51) Int. Cl.
A61K 38/07 (2006.01)
A61K 9/00 (2006.01)
A61K 31/4365 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/616 (2006.01)
A61K 38/06 (2006.01)
A61K 47/26 (2006.01)
A61K 47/54 (2017.01)
A61K 47/55 (2017.01)
A61P 9/10 (2006.01)
 (87) WO2022/199551
 (31) 63/164,336 (32) 22.03.21 (33) US
 (43) 29.09.2022
 (72) LIN, Jung-Chin; YEH, Sheng-Wen; PENG, Shiqi; ZHAO, Ming; CHOU, David Chih-Kuang
 (74) Allens Patent & Trade Mark Attorneys
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 (54) MOBILE COMMUNICATION DEVICE AND COMPUTER-IMPLEMENTED METHOD OF OPERATING A MOBILE COMMUNICATION DEVICE
 (51) Int. Cl.
H04W 48/18 (2009.01)
H04W 36/14 (2009.01)
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- (71) M2P ENGINEERING PTY LTD
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E21C 41/16 (2006.01)
E21D 9/00 (2006.01)
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 (54) A TEST METHOD FOR ASSESSING SPINAL OR SKELETAL ALIGNMENT
 (51) Int. Cl.
A47C 31/12 (2006.01)
A61B 5/00 (2006.01)
A61B 5/107 (2006.01)
A61B 5/11 (2006.01)
G01B 3/56 (2006.01)
G01B 5/24 (2006.01)
G09B 23/32 (2006.01)
 (87) WO2022/217318
 (31) 2021901098 (32) 14.04.21 (33) AU
 (43) 20.10.2022
 (72) JUST, Morrison; GREEN, Daniel
 (74) Spruson & Ferguson
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 (54) A MATTRESS TEST MANIKIN-LATERAL POSITION
 (51) Int. Cl.
A47C 31/12 (2006.01)
A61B 5/00 (2006.01)
A61B 5/107 (2006.01)
A61B 5/11 (2006.01)
G01B 5/24 (2006.01)
G09B 23/32 (2006.01)
 (87) WO2022/217317
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 (72) JUST, Morrison; GREEN, Daniel
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 (11) AU-A-2022245993
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 (54) SYSTEM AND METHOD FOR DETERMINING A TREATMENT SCHEDULE
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A61B 5/16 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
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G16H 50/20 (2018.01)
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- (71) MANUFACTURING RESOURCES INTERNATIONAL, INC
 (11) AU-A-2022219982
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 (54) DISPLAY ASSEMBLY USING STRUCTURAL ADHESIVE
 (51) Int. Cl.
F21V 29/00 (2015.01)
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 (31) 63/148,703 (32) 12.02.21 (33) US
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 (21) 2022235419 (22) 14.03.2022
 (54) METHOD FOR IDENTIFYING STOLEN VEHICLES
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G08G 1/017 (2006.01)
B60R 25/102 (2013.01)
B60R 25/30 (2013.01)
G06Q 50/26 (2012.01)
G08G 1/01 (2006.01)
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 (31) FR2102463 (32) 12.03.21 (33) FR
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 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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 (54) SYSTEM AND METHOD FOR USING WEATHER APPLIED METRICS FOR PREDICTING THE FLIGHT OF A BALL
 (51) Int. Cl.
A63B 24/00 (2006.01)
A63B 71/06 (2006.01)
G01S 13/95 (2006.01)
G01W 1/02 (2006.01)
A63B 102/32 (2015.01)
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 (43) 25.08.2022
 (72) MARTIN, William; FARLEY, John Paul; FARLEY, John Amirault; JACKSON, Peter; SINTON, Douglas Milton; OZEN, Metin
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H02J 50/10 (2016.01)
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 (31) 63/158,754 (32) 09.03.21 (33) US
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 (72) WITELSON, Shay; BEN DOV, Boaz
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 (54) APOL1 INHIBITORS AND METHODS OF USE
 (51) Int. Cl.
C07D 403/12 (2006.01)
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 (72) LEE, Patrick Sang Tae; EWING, Todd Jonathan August; REID, Adam Neil; SINZ, Christopher Joseph; ZHANG, Birong; BRONNER, Sarah M.; MOR-GANS JR., David John; HOEK, Maarten; ASSIMON, Victoria Anne
 (74) FB Rice Pty Ltd
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- (71) MCCARTHY, M.F.
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 (54) BIOFUEL PRODUCT WITH FAT, OIL AND/OR GREASE COMPONENTS
 (51) Int. Cl.
C10B 53/02 (2006.01)
C08J 11/16 (2006.01)
C10B 53/07 (2006.01)
 (87) WO2022/204060
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 (43) 29.09.2022
 (72) MCCARTHY, Martin, Franklin
 (74) KINGS PATENT & TRADE MARKS AT-TORNEYS PTY LTD
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 (21) 2022242747 (22) 21.03.2022
 (54) APPARATUS AND METHOD FOR COLLECTION AND DISPOSAL OF FATS, OIL AND GREASE
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E02B 15/06 (2006.01)
B01D 35/28 (2006.01)
B01D 46/30 (2006.01)
B65D 81/26 (2006.01)
E02B 15/04 (2006.01)
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 (51) Int. Cl.
C05B 15/00 (2006.01)
C05G 3/90 (2020.01)
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- (71) MCMULLIN, E.W.
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 (54) SAIL SHIRT
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A41D 13/012 (2006.01)
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 (72) MCMULLIN, Eric William
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 (11) AU-A-2022228004
 (21) 2022228004 (22) 25.02.2022
 (54) ANTI-HER2 ANTIBODY-DRUG CONJUGATES AND USES THEREOF
 (51) Int. Cl.
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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 (72) LI, Wei
 (74) FB Rice Pty Ltd
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 (21) 2022265633 (22) 29.04.2022
 (54) BISPECIFIC PD-1 AND TIGIT BINDING PROTEINS AND USES THEREOF
 (51) Int. Cl.
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
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- (71) MEDTRONIC, INC.
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 (21) 202227086 (22) 18.02.2022
 (54) ELECTRODE SELECTION BASED ON IMPEDANCE FOR SENSING OR STIMULATION
 (51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61B 5/388 (2021.01)
A61N 1/04 (2006.01)
A61N 1/05 (2006.01)
A61N 1/08 (2006.01)
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 (31) 63/152,915 (32) 24.02.21 (33) US
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 (72) DINSMOOR, David A.; HINCAPIE, Juan G.
 (74) FB Rice Pty Ltd
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- (71) MEISLER, I.D.
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 (54) AUTOMOBILE HEADREST SAFE
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B60R 7/14 (2006.01)
B60R 7/00 (2006.01)
B60R 7/04 (2006.01)
F41C 33/06 (2006.01)
 (87) WO2022/187620
 (31) 63/157,173 (32) 05.03.21 (33) US
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 (43) 09.09.2022
 (72) MEISLER, Irving D.
 (74) Patent Attorney Services
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 (21) 2022270880 (22) 29.04.2022
 (54) HER2 TARGETING FC ANTIGEN BINDING FRAGMENT-DRUG CONJUGATES
 (51) Int. Cl.
A61K 47/68 (2017.01)
A61K 49/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/32 (2006.01)
 (87) WO2022/233718
 (31) 21171859.8 (32) 03.05.21 (33) EP
 (43) 10.11.2022
 (72) JAEGER, Sebastian; SCHROETER, Christian
 (74) Griffith Hack
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 (51) Int. Cl.
G06Q 30/02 (2023.01)
G06F 16/23 (2019.01)
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 (74) Madderns Pty Ltd
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- (71) MESO SCALE TECHNOLOGIES, LLC.; WOHLSTADTER, J.N.; GOODWIN, P.J.; LEFFEL, S.; SEPPY, J.
 (11) AU-A-2022231023
 (21) 2022231023 (22) 04.03.2022
 (54) PACKAGING FOR ASSAYS AND RELATED METHODS
 (51) Int. Cl.
B01L 3/00 (2006.01)
B01L 9/06 (2006.01)
B65D 5/50 (2006.01)
G06Q 10/08 (2023.01)
G06Q 50/28 (2012.01)
G16H 10/40 (2018.01)
 (87) WO2022/187595
 (31) 63/156,837 (32) 04.03.21 (33) US
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 (21) 202225718 (22) 22.02.2022
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E04F 13/08 (2006.01)
 (87) WO2022/180386
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 (72) BROUGH, Darron
 (74) Michael Buck IP
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- (71) MINDSET PHARMA INC.
 (11) AU-A-202229037
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 (54) INDOLE DERIVATIVES AS SEROTONERGIC AGENTS USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO
 (51) Int. Cl.
C07D 209/16 (2006.01)
A61K 31/404 (2006.01)
A61P 25/00 (2006.01)
 (87) WO2022/183287
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 (43) 09.09.2022
 (72) SLASSI, Abdelmalik; ARAUJO, Joseph; HIGGINS, Guy Andrew
 (74) FB Rice Pty Ltd
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 (11) AU-A-202229695
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 (54) INDOLE DERIVATIVES AS SEROTONERGIC AGENTS USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO
 (51) Int. Cl.
C07D 403/06 (2006.01)
A61K 31/404 (2006.01)
A61P 25/00 (2006.01)
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- (71) MINETEK INVESTMENTS PTY LTD
 (11) AU-A-2022333529
 (21) 2022333529 (22) 23.08.2022
 (54) IMPELLER FOR A DUCT
 (51) Int. Cl.
F04D 25/08 (2006.01)
F04D 29/32 (2006.01)
F04D 29/38 (2006.01)
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 (72) VAN DER WALT, Johannes Petrus
 (74) Caska Intellectual Property Pty Ltd
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 (11) AU-A-2022231806
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 (51) Int. Cl.
C22B 15/00 (2006.01)
C22B 3/14 (2006.01)
C22B 3/20 (2006.01)
 (87) WO2022/187893
 (31) 2021900727 (32) 12.03.21 (33) AU
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- (71) MIRATI THERAPEUTICS, INC.
 (11) AU-A-2022234309
 (21) 2022234309 (22) 10.03.2022
 (54) CRYSTALLINE SALT OF A MULTI-TYROSINE KINASE INHIBITOR, METHOD OF PREPARATION, AND USE THEREOF
 (51) Int. Cl.
A61K 31/4365 (2006.01)
A61P 35/00 (2006.01)
C07D 495/04 (2006.01)
 (87) WO2022/192507
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 (11) AU-A-2022239913
 (21) 2022239913 (22) 18.03.2022
 (54) METHOD OF CAPTURING A TARGET SPECIES FROM A GAS
 (51) Int. Cl.
B01D 53/14 (2006.01)
B01D 53/96 (2006.01)
 (87) WO2022/195299
 (31) 2103806.2 (32) 18.03.21 (33) GB
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 (72) GOBAILLE-SHAW, Gael; GHOSH, Shiladitya; CHADWICK, Nicholas
 (74) Michael Buck IP
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- (71) MITSUBISHI SHIPBUILDING CO., LTD.
 (11) AU-A-2022249776
 (21) 2022249776 (22) 25.03.2022
 (54) WATERCRAFT, AND METHOD FOR ADJUSTING PRESSURE OF TANK IN WATERCRAFT
 (51) Int. Cl.
B63B 25/16 (2006.01)
 (87) WO2022/210322
 (31) 2021-059785 (32) 31.03.21 (33) JP
 (43) 06.10.2022
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 (74) Davies Collison Cave Pty Ltd
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- (71) MITSUBISHI TANABE PHARMA CORPORATION; PHARMA FOODS INTERNATIONAL CO., LTD.
 (11) AU-A-2022224198
 (21) 2022224198 (22) 18.02.2022
 (54) NOVEL ANTI-PAD4 ANTIBODY
 (51) Int. Cl.
C12N 15/13 (2006.01)
A61K 39/395 (2006.01)
A61P 13/12 (2006.01)
A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
A61P 37/02 (2006.01)
A61P 37/06 (2006.01)
A61P 43/00 (2006.01)
C07K 16/40 (2006.01)
C12N 1/15 (2006.01)
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C12N 1/21 (2006.01)
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 (31) 2021-024642 (32) 18.02.21 (33) JP
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 (74) Spruson & Ferguson

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 (21) 2022233019 (22) 11.03.2022
 (54) TUMOR NEOANTIGENIC PEPTIDES
 (51) Int. Cl.
 A61K 39/00 (2006.01)
 A61P 35/00 (2006.01)
 C07K 14/47 (2006.01)
 C07K 16/30 (2006.01)
 (87) WO2022/189626
 (31) 21305299.6 (32) 11.03.21 (33) EP
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- (71) MNEMO THERAPEUTICS; INSTITUT CURIE; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)
 (11) AU-A-2022235060
 (21) 2022235060 (22) 11.03.2022
 (54) TUMOR NEOANTIGENIC PEPTIDES AND USES THEREOF
 (51) Int. Cl.
 A61K 39/00 (2006.01)
 C07K 4/12 (2006.01)
 (87) WO2022/189639
 (31) 21305302.8 (32) 11.03.21 (33) EP
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 A61K 39/215 (2006.01)
 (87) WO2022/197624
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 (43) 22.09.2022
 (72) STEWART-JONES, Guillaume
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 (21) 2022242175 (22) 23.03.2022
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 (51) Int. Cl.
 A41C 5/00 (2006.01)
 A41B 9/12 (2006.01)
 A41C 3/00 (2006.01)
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 (51) Int. Cl.
 A61G 1/04 (2006.01)
 A47C 1/03 (2006.01)
 A47C 7/38 (2006.01)
 A47C 20/02 (2006.01)
 A61G 5/12 (2006.01)
 A61G 13/12 (2006.01)
 A61G 15/12 (2006.01)
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 (72) ROWLAND, Lester; MAZZOTTA, Aaron
 (74) Armour IP
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 (54) NOVEL DARPIN BASED CD33 EN-GAGERS
 (51) Int. Cl.
 A61P 35/02 (2006.01)
 C07K 16/28 (2006.01)
 C07K 16/46 (2006.01)
 (87) WO2022/190010
 (31) 63/158,539 (32) 09.03.21 (33) US
 63/172,818 09.04.21 US
 63/265,179 09.12.21 US
 (43) 15.09.2022
 (72) RESCHKE, Nina; REICHEN, Christian; SCHLERETH, Bernd
 (74) FB Rice Pty Ltd
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 (54) NOVEL DARPIN BASED CD123 EN-GAGERS
 (51) Int. Cl.
 A61P 35/02 (2006.01)
 C07K 16/28 (2006.01)
 C07K 16/46 (2006.01)
 (87) WO2022/190018
 (31) 63/158,539 (32) 09.03.21 (33) US
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 63/265,187 09.12.21 US
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 (72) REICHEN, Christian; RESCHKE, Nina; SCHLERETH, Bernd
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 (21) 2022247392 (22) 30.03.2022
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 (51) Int. Cl.
 A61B 34/30 (2016.01)
 A61B 34/00 (2016.01)
 A61B 90/50 (2016.01)
 A61B 90/57 (2016.01)
 A61B 90/90 (2016.01)
 A61B 90/98 (2016.01)
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- (71) MOTOROLA SOLUTIONS, INC.
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 (21) 2022238729 (22) 02.03.2022
 (54) DEVICE, SYSTEM AND METHOD FOR TRANSMITTING NOTIFICATIONS BASED ON INDICATIONS OF EFFECTIVENESS FOR PREVIOUS NOTIFICATIONS
 (51) Int. Cl.
 H04M 3/51 (2006.01)
 H04W 4/90 (2018.01)
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 (31) 17/205,488 (32) 18.03.21 (33) US
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 (11) AU-A-2021311737
 (21) 2021311737 (22) 22.07.2021
 (54) COUNTERFEIT PREVENTATIVE BAR-CODES
 (51) Int. Cl.
 G07D 7/00 (2016.01)
 B42D 25/20 (2014.01)
 B65D 73/00 (2006.01)
 G07D 7/0043 (2016.01)
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 (43) 27.01.2022
 (72) GLINERT, Kenneth L.
 (74) Spruson & Ferguson
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 (11) AU-A-2022258778
 (21) 2022258778 (22) 14.04.2022
 (54) EDIBLE NON-ANIMAL DAIRY SUBSTITUTE PRODUCT COMPRISING FIBROUS MYCELIIUM AS PROTEIN AND INSOLUBLE FIBER COMPONENT AND METHODS OF PRODUCING SUCH
 (51) Int. Cl.
 A23C 11/06 (2006.01)

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A23C 20/02 (2021.01)
A23J 1/00 (2006.01)
A23L 31/00 (2016.01)
A23L 33/00 (2016.01)
A23L 33/16 (2016.01)
C12N 1/14 (2006.01)
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(74) Spruson & Ferguson
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(21) 202222513 (22) 15.02.2022
(54) PERSONAL SHOPPING CART
(51) Int. Cl.
B62B 3/02 (2006.01)
- (87) WO2022/175819
(31) 63/150,000 (32) 16.02.21 (33) US
(43) 25.08.2022
(72) PETROVICH, Vic
(74) FB Rice Pty Ltd
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(11) AU-A-2022256560
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(54) BATTERY PACK AND POWER TOOL
(51) Int. Cl.
H01M 50/258 (2021.01)
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(51) Int. Cl.
G01N 21/71 (2006.01)
B07B 13/14 (2006.01)
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(74) AJ Pietras IP Limited
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(54) SYSTEMS AND METHODS FOR CELL-FREE POLYPEPTIDE SYNTHESIS
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C12P 21/02 (2006.01)
C12P 19/34 (2006.01)
C07K 1/00 (2006.01)
C12N 1/21 (2006.01)
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(31) 63/165,335 (32) 24.03.21 (33) US
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(72) YOESSEP, Danielle, Jessica; KIGHTLINGER, Weston, Kevin; SHAH-MORALEZ, Sajita, Caroni
(74) Pizzveys Patent and Trade Mark Attorneys Pty Ltd
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- (71) NEPTUNE MEDICAL INC.
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(21) 2022233165 (22) 10.03.2022
(54) CONTROL OF ROBOTIC DYNAMICALLY RIGIDIZING COMPOSITE MEDICAL STRUCTURES
(51) Int. Cl.
A61B 1/00 (2006.01)
A61M 25/00 (2006.01)
A61M 25/01 (2006.01)
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(31) 63/159,196 (32) 10.03.21 (33) US
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- (71) NICOYA LIFESCIENCES, INC.
(11) AU-A-2022233199
(21) 2022233199 (22) 09.03.2022
(54) SURFACE PLASMON RESONANCE SIGNAL AMPLIFICATION
(51) Int. Cl.
G01N 21/75 (2006.01)
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(31) 63/158,940 (32) 10.03.21 (33) US
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(74) WRAYS PTY LTD
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(11) AU-A-2022230506
(21) 2022230506 (22) 04.03.2022
(54) SURFACE-TREATED STEEL MATERIAL
(51) Int. Cl.
C23C 22/05 (2006.01)
B32B 15/04 (2006.01)
C22C 18/04 (2006.01)
C23C 28/00 (2006.01)
- (87) WO2022/186380
(31) 2021-034369 (32) 04.03.21 (33) JP
(43) 09.09.2022
(72) YAMAGUCHI Shinichi
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(54) PRECOATED METAL SHEET
(51) Int. Cl.
B32B 15/08 (2006.01)
C23C 28/00 (2006.01)
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(11) AU-A-2022248122
(21) 2022248122 (22) 23.03.2022
(54) PRECOATED PLATED STEEL SHEET AND MOLDED PRODUCT
(51) Int. Cl.
B32B 15/09 (2006.01)
C23C 28/00 (2006.01)
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(31) 2021-059594 (32) 31.03.21 (33) JP
(43) 06.10.2022
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(11) AU-A-2021436355
(21) 2021436355 (22) 22.03.2021
(54) SECURE SEARCH METHOD, SECURE SEARCH SYSTEM, SECURE SEARCH DEVICE, ENCRYPTION DEVICE, SEARCHER TERMINAL, AND PROGRAM
(51) Int. Cl.
G09C 1/00 (2006.01)
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(21) 2021435427 (22) 22.03.2021
(54) INITIATION OF SMALL DATA TRANSMISSION
(51) Int. Cl.
H04W 74/08 (2009.01)
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(43) 29.09.2022
(72) WU, Chunli; TURTIENEN, Samuli Heikki; KOSKINEN, Jussi-Pekka
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(11) AU-A-2021438879
(21) 2021438879 (22) 30.03.2021
(54) HARQ PROCESS SELECTION
(51) Int. Cl.
H04W 72/12 (2023.01)

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(21) 2022250568 **(22)** 22.03.2022
(54) MODULATION CODING SCHEME TABLE EXTENSION FOR NARROW-BAND INTERNET OF THINGS USER EQUIPMENT
(51) Int. Cl.
H04L 1/00 (2006.01)
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(31) 17/218,629 **(32)** 31.03.21 **(33)** US
(43) 06.10.2022
(72) RATASUK, Rapeepat; MANGALVEDHE, Nitin
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- (71)** NORCE INNOVATION AS
(11) AU-A-2022247016
(21) 2022247016 **(22)** 30.03.2022
(54) METHODS AND APPARATUS FOR PRODUCING AMMONIA IN A WELL-BORE
(51) Int. Cl.
C01C 1/04 (2006.01)
C25B 1/04 (2021.01)
E21B 43/00 (2006.01)
(87) WO2022/211643
(31) 20210415 **(32)** 31.03.21 **(33)** NO
(43) 06.10.2022
(72) CAYEUX, Eric
(74) BRM Patent Attorneys Pty Ltd
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- (71)** NORDIC MINESTEEL TECHNOLOGIES INC.
(11) AU-A-2022250082
(21) 2022250082 **(22)** 24.03.2022
(54) TIRE HANDLER HAVING TIRE LAY FLAT CAPABILITY
(51) Int. Cl.
B60B 30/02 (2006.01)
B60B 30/10 (2006.01)
B66F 9/065 (2006.01)
B66F 9/12 (2006.01)
(87) WO2022/204783
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(72) DESORMEAU, Wayne; MATHIEU, Guy
(74) Spruson & Ferguson
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(54) TOPICAL DELIVERY OF LIOPROTEIN-MIMETIC NANOPARTICLES
(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 47/69 (2017.01)
A61K 49/00 (2006.01)
B82Y 5/00 (2011.01)
- C07K 14/775** (2006.01)
(87) WO2022/192628
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(11) AU-A-2022241935
(21) 2022241935 **(22)** 22.03.2022
(54) BISPECIFIC ANTIBODIES TARGETING CD47 AND PD-L1 AND METHODS OF USE THEREOF
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
(87) WO2022/200387
(31) 63/164,237 **(32)** 22.03.21 **(33)** US
 63/317,892 08.03.22 US
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(74) Spruson & Ferguson
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- (71)** NPL MANAGEMENT LIMITED
(11) AU-A-2022236757
(21) 2022236757 **(22)** 17.03.2022
(54) FREQUENCY AND/OR TIME TRANSFER APPARATUS, SYSTEM AND METHOD
(51) Int. Cl.
H04B 10/25 (2013.01)
H04B 10/40 (2013.01)
H04B 10/58 (2013.01)
(87) WO2022/195283
(31) 2103703.1 **(32)** 17.03.21 **(33)** GB
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(72) KRONJAEGER, Jochen
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71)** NTT COMMUNICATIONS CORPORATION
(11) AU-A-2022242514
(21) 2022242514 **(22)** 25.03.2022
(54) PROCESSING SYSTEM, PROCESSING METHOD, AND PROCESSING PROGRAM
(51) Int. Cl.
G06F 21/62 (2013.01)
(87) WO2022/203061
(31) 2021-053163 **(32)** 26.03.21 **(33)** JP
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(74) Spruson & Ferguson
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- (71)** NYKODE THERAPEUTICS ASA; GENENTECH INC.
(11) AU-A-2022244191
(21) 2022244191 **(22)** 25.03.2022
(54) THERAPEUTIC COMBINATION FOR TREATING CANCER
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/39 (2006.01)
(87) WO2022/200590
(31) PA 2021 00317 **(32)** 26.03.21 **(33)** DK
 PA 2021 70182 21.04.21 DK
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** OBERTHUR FIDUCIAIRE SAS
(11) AU-A-2022233494
(21) 2022233494 **(22)** 10.03.2022
(54) SECURITY ITEM OR ASSEMBLY OF THE SECURITY ITEM AND OF ANOTHER OBJECT COMPRISING A FIRST AND A SECOND RASTER
(51) Int. Cl.
B42D 25/351 (2014.01)
B42D 25/305 (2014.01)
(87) WO2022/189584
(31) FR2102439 **(32)** 12.03.21 **(33)** FR
(43) 15.09.2022
(72) DEJEAN, Marie
(74) AJ PARK
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(11) AU-A-2022219018
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(54) SUGAR DERIVED LIPID NANOMATERIALS AND USES THEREOF
(51) Int. Cl.
C07D 493/04 (2006.01)
C08G 18/32 (2006.01)
C08G 18/77 (2006.01)
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(31) 63/148,755 **(32)** 12.02.21 **(33)** US
(43) 18.08.2022
(72) DONG, Yizhou; ZHANG, Yuebao; HOU, Xucheng
(74) RnB IP
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(11) AU-A-2022233733
(21) 2022233733 **(22)** 09.03.2022
(54) DISPOSABLE CATHETER WITH ROTATABLE IMAGE ARRAY
(51) Int. Cl.
A61B 8/12 (2006.01)
A61B 8/00 (2006.01)
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(31) 63/158,604 **(32)** 09.03.21 **(33)** US
(43) 15.09.2022
(72) HENNERSPERGER, Christoph; LAHART, Fionn; HENEGHAN, Paul; RESTIVO, Courtney
(74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2022237556
 (21) 2022237556 (22) 17.03.2022
 (54) STEM CELL FACTOR ANTIBODIES AND METHODS OF USE THEREOF
 (51) Int. Cl.
A61K 38/03 (2006.01)
C07K 16/22 (2006.01)
C07K 16/24 (2006.01)
G01N 33/564 (2006.01)
G01N 33/68 (2006.01)
 (87) WO2022/197914
 (31) 63/162,322 (32) 17.03.21 (33) US
 (43) 22.09.2022
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 (74) RnB IP
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- (71) ORCHARD HOLDING
 (11) AU-A-202225210
 (21) 202225210 (22) 13.02.2022
 (54) A SYSTEM, DEVICE, PROCESS AND METHOD OF MEASURING FOOD, FOOD CONSUMPTION AND FOOD WASTE
 (51) Int. Cl.
G01G 19/414 (2006.01)
G06N 20/00 (2019.01)
G06Q 50/12 (2012.01)
G06T 7/80 (2017.01)
 (87) WO2022/182535
 (31) 63/152,527 (32) 23.02.21 (33) US
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 (43) 01.09.2022
 (72) MC DONNELL, Rian; WEIMHOLT, Elise
 (74) LAMINAR IP PTY LTD
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- (71) ORGANOGENESIS, INC.
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 (54) METHODS KITS AND COMPOSITIONS FOR CHARACTERIZING AN ANTI-INFLAMMATORY RESPONSE OF A PRODUCT
 (51) Int. Cl.
A23L 33/18 (2016.01)
A61K 38/45 (2006.01)
C12N 9/12 (2006.01)
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 (54) CHEMICAL SEPARATION OF SYNTHETIC FIBRES FROM A BLEND OF SYNTHETIC FIBRES AND SEMI-SYNTHETIC OR NATURAL FIBRES
 (51) Int. Cl.
G01N 33/36 (2006.01)
G01N 1/40 (2006.01)
G01N 30/72 (2006.01)
 (87) WO2022/186705
- (31) 773526 (32) 03.03.21 (33) NZ
 (43) 09.09.2022
 (72) FREW, Russell David
 (74) Catalyst Intellectual Property
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 (11) AU-A-2022234363
 (21) 2022234363 (22) 11.03.2022
 (54) MENSTRUAL CYCLE TRACKING
 (51) Int. Cl.
A61B 10/00 (2006.01)
 (87) WO2022/192684
 (31) 63/160,315 (32) 12.03.21 (33) US
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A61K 31/7125 (2006.01)
A61P 21/00 (2006.01)
C07K 7/08 (2006.01)
C12N 15/113 (2010.01)
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A61P 1/00 (2006.01)
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F16M 11/42 (2006.01)
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C09D 163/00 (2006.01)
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C02F 1/00 (2023.01)
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C02F 11/12 (2019.01)
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F26B 3/28 (2006.01)
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G16H 40/67 (2018.01)
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G09F 9/30 (2006.01)
H01Q 1/24 (2006.01)
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A23P 20/20 (2016.01)
B33Y 30/00 (2015.01)
B65D 35/28 (2006.01)
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G16B 20/00 (2019.01)
G16B 25/00 (2019.01)
G16B 40/00 (2019.01)
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C07D 401/14 (2006.01)
A61K 31/497 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 221/20 (2006.01)
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C07K 16/28 (2006.01)
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G06F 30/27 (2020.01)
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F16L 21/03 (2006.01)
B29C 57/02 (2006.01)
F16L 47/10 (2006.01)
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A45D 44/22 (2006.01)
A61B 18/00 (2006.01)
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A61K 31/166 (2006.01)
C07C 259/10 (2006.01)
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A61K 31/454 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
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G06V 20/56 (2022.01)
G01B 11/02 (2006.01)
G01B 11/04 (2006.01)
G01S 17/06 (2006.01)
G01S 17/88 (2006.01)
G06T 7/11 (2017.01)
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A61K 38/00 (2006.01)
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A61K 31/4162 (2006.01)
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A61P 29/00 (2006.01)
C07D 471/14 (2006.01)
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A23L 27/30 (2016.01)
A23L 29/30 (2016.01)
C07H 1/06 (2006.01)
C07H 3/04 (2006.01)
C07H 15/04 (2006.01)
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G21G 1/00 (2006.01)
B01D 7/00 (2006.01)

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A61B 5/00 (2006.01)
G01N 21/27 (2006.01)
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C07C 213/02 (2006.01)
C07C 215/16 (2006.01)
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A61K 38/16 (2006.01)
A61K 38/19 (2006.01)
A61K 47/64 (2017.01)
A61P 31/22 (2006.01)
C07K 14/21 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/5025 (2006.01)
A61P 35/00 (2006.01)
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 (54) EXERCISE APPARATUS
 (51) Int. Cl.
G07C 9/00 (2020.01)
A47G 29/14 (2006.01)
A63B 21/00 (2006.01)
G08B 13/14 (2006.01)
G08B 21/18 (2006.01)
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H02J 7/34 (2006.01)
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C12N 5/0786 (2010.01)
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C12N 5/0784 (2010.01)
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H03M 9/00 (2006.01)
H04N 19/119 (2014.01)
H04N 19/30 (2014.01)
H04N 19/436 (2014.01)
H04N 19/70 (2014.01)
H04N 19/94 (2014.01)
H04N 21/234 (2011.01)
G06T 9/00 (2006.01)
H03M 7/30 (2006.01)
H04N 19/136 (2014.01)
H04N 19/187 (2014.01)
H04N 21/434 (2011.01)
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H04N 13/161 (2018.01)
H04N 19/119 (2014.01)
H04N 19/33 (2014.01)
H04L 65/612 (2022.01)
H04N 19/174 (2014.01)
H04N 19/176 (2014.01)
H04N 19/593 (2014.01)
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- (71) TENEIOBIO, INC.
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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A61B 5/024 (2006.01)
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C12N 7/00 (2006.01)
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(72) JORDISON, David; RINAS, Kimberly
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(21) 2021439501 (22) 07.04.2021
(54) DENTIFRICE COMPOSITIONS COMPRISING BICARBONATE SALT
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A61Q 11/00 (2006.01)
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A61K 8/49 (2006.01)
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A61K 8/42 (2006.01)
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A61K 8/02 (2006.01)
A61K 8/19 (2006.01)
A61K 8/21 (2006.01)
A61K 8/24 (2006.01)
A61K 8/25 (2006.01)
A61K 8/27 (2006.01)
A61K 8/31 (2006.01)
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A61K 31/203 (2006.01)
A61K 9/50 (2006.01)
A61K 45/06 (2006.01)
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A61K 35/545 (2015.01)
C12N 15/113 (2010.01)
C12N 15/85 (2006.01)

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(54) ANITIVIRAL PRODRUGS OF ENTECAVIR (ETV) AND FORMULATIONS THEREOF
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C07D 473/18 (2006.01)
A61K 31/522 (2006.01)
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(54) MARINE VESSEL COMPRISING A PLANING HULL
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B63B 7/08 (2020.01)
B63B 1/00 (2006.01)
B63B 1/20 (2006.01)

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(54) MODIFIED PEPTIDOMIMETICS AND METHODS OF USE
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C07K 7/06 (2006.01)
A61K 38/00 (2006.01)
A61P 11/06 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)
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A61M 16/00 (2006.01)
A61B 5/08 (2006.01)
A61B 5/087 (2006.01)
A61H 31/00 (2006.01)
A61M 16/06 (2006.01)
G09B 23/28 (2006.01)
G09B 23/30 (2006.01)
G16H 40/63 (2018.01)

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(71) THIRD POLE, INC.

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A61M 16/06 (2006.01)
A61M 16/10 (2006.01)
A61M 16/20 (2006.01)

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G01N 21/62 (2006.01)
A61B 5/00 (2006.01)
G01N 21/63 (2006.01)
G01N 21/88 (2006.01)

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B60R 9/055 (2006.01)
B25B 13/04 (2006.01)
B25B 13/46 (2006.01)
B25B 23/14 (2006.01)
B25B 23/142 (2006.01)
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 (72) NILVIUS, Anders; RINMAN, Johan; GISELSON, Mathias
 (74) James & Wells Intellectual Property
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 (51) Int. Cl.
A61K 31/13 (2006.01)
A61K 39/395 (2006.01)
A61P 31/16 (2006.01)
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C07K 16/28 (2006.01)
C12Q 1/70 (2006.01)
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A61M 1/00 (2006.01)
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A61K 31/675 (2006.01)
A61B 5/16 (2006.01)
A61B 5/369 (2021.01)
A61K 31/4045 (2006.01)
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A61Q 15/00 (2006.01)
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C12N 9/10 (2006.01)
C12N 15/62 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
A61P 37/06 (2006.01)
C12N 15/13 (2006.01)
C12P 21/08 (2006.01)
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 (72) BROKX, Richard; MASON, Jacqueline M.; BRAY, Mark Robert; DUNCAN, Gordon S.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (51) Int. Cl.
C07K 5/103 (2006.01)
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A61K 38/08 (2019.01)
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C07K 5/113 (2006.01)
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 A61K 9/06 (2006.01)
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 A61K 45/06 (2006.01)
 A61P 27/02 (2006.01)
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 (72) AMBATI, Balamurali; MOLOKHIA, Sarah A.
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 (51) Int. Cl.
 G16H 50/70 (2018.01)
 G16H 10/60 (2018.01)
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 A61B 5/00 (2006.01)
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 C07H 21/02 (2006.01)
 C07D 495/04 (2006.01)
 C07H 1/00 (2006.01)
 C09B 11/28 (2006.01)
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 (72) MAMOT, Adam; SIKORSKI, Pawel; KOWALSKA, Joanna; JEMIELITY, Jacek
 (74) Allens Patent & Trade Mark Attorneys

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 A61M 25/00 (2006.01)
 A61M 39/06 (2006.01)
 A61M 39/22 (2006.01)
 A61M 39/26 (2006.01)
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 (87) WO2022/199734
 (31) 10 2021 001 563.0 (32) 25.03.21 (33) DE
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 (72) SCHWARZ, Werner
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(71) VALENT BIOSCIENCES LLC
 (11) AU-A-2022246799
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 (54) SUCCINATE DEHYDROGENASE INHIBITORS FOR BREAKING DORMANCY
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 A01N 43/40 (2006.01)
 A01N 37/50 (2006.01)
 A01N 43/56 (2006.01)
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 (31) 63/167,757 (32) 30.03.21 (33) US
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(71) VERDAGY, INC.
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 (54) SYSTEMS AND METHODS TO MAKE HYDROGEN GAS
 (51) Int. Cl.
 C25B 1/04 (2021.01)
 C25B 11/04 (2021.01)
 (87) WO2022/187811
 (31) 63/155,178 (32) 01.03.21 (33) US
 63/249,127 28.09.21 US
 (43) 09.09.2022
 (72) SELF, Kyle; GILLIAM, Ryan J.; ALBRECHT, Thomas
 (74) GLMR

(71) VERDAGY, INC.
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 (21) 2022230462 (22) 01.03.2022
 (54) SYSTEMS AND METHODS TO MAKE HYDROGEN GAS
 (51) Int. Cl.
 C25B 1/04 (2021.01)
 C25B 9/00 (2021.01)
 H01M 10/00 (2006.01)
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 (74) GLMR

(71) VIASAT, INC.
 (11) AU-A-2021430757

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 (54) ANTENNA APPARATUS EMPLOYING COPLANAR WAVEGUIDE INTERCONNECT BETWEEN RF COMPONENTS
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 H01Q 1/38 (2006.01)
 H01P 1/04 (2006.01)
 H01Q 3/40 (2006.01)
 H01Q 23/00 (2006.01)
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 (72) FRANSON, Steven J.
 (74) Adams Pluck

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 (72) BUER, Kenneth V.
 (74) Adams Pluck

(71) VIASAT, INC.
 (11) AU-A-2022246634
 (21) 2022246634 (22) 30.03.2022
 (54) HIGHLY-INTEGRATED ANTENNA FEED ASSEMBLY
 (51) Int. Cl.
 H01P 1/207 (2006.01)
 H01P 1/213 (2006.01)
 H01P 5/19 (2006.01)
 H01Q 1/28 (2006.01)
 H01Q 21/00 (2006.01)
 (87) WO2022/212580
 (31) 63/168,051 (32) 30.03.21 (33) US
 (43) 06.10.2022
 (72) JENSEN, Anders; BEAFORE, John L.
 (74) Adams Pluck

(71) VINCERE BIOSCIENCES, INC.
 (11) AU-A-2022234774
 (21) 2022234774 (22) 10.03.2022
 (54) USP30 INHIBITORS AND USES THEREOF
 (51) Int. Cl.
 C07C 311/46 (2006.01)
 A61P 1/00 (2006.01)
 A61P 3/00 (2006.01)
 A61P 9/00 (2006.01)
 A61P 13/02 (2006.01)
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 A61P 27/02 (2006.01)
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 C07D 207/16 (2006.01)
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C07D 305/08 (2006.01)		(72) ISH-HURWITZ, Rome; KECLIK, James; MASEK, Douglas W.		
C07D 309/06 (2006.01)	(74) FB Rice Pty Ltd	(74) WRAYS PTY LTD		
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(72) ROMERO, Donna L.; LEE, Andrew David; BEHROUZ, Bahareh; FRITZEN, JR., Edward Lawrence	(54) TWO-STAGE DEPLOYMENT SHEATH SYSTEMS AND METHODS	(54) COOKING CHAMBER LIGHTING FOR PELLET GRILLS		
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd	(51) Int. Cl.	(51) Int. Cl.		
	A61F 2/82 (2013.01)	A47J 37/07 (2006.01)		
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	(72) HONEYFIELD, Evan	(72) DYKES, Gregory James; HALL, Evan Allan		
	(74) Griffith Hack	(74) WRAYS PTY LTD		
(71) VIRIDIS RESEARCH INC.	(71) WAHL CLIPPER CORPORATION	(71) WEBER-STEPHEN PRODUCTS LLC		
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(54) APPARATUS FOR ELECTROCHEMICAL REGENERATIVE TREATMENT OF WATER AND METHODS OF USE	(54) OUTLINER HAIR TRIMMER WITH INTERCHANGEABLE WORKHEADS	(54) DUAL-BURNER ASSEMBLIES FOR COOKBOXES OF GAS GRILLS		
(51) Int. Cl.	(51) Int. Cl.	(51) Int. Cl.		
C02F 1/461 (2023.01)	B26B 19/00 (2006.01)	A47J 37/06 (2006.01)		
A62D 3/11 (2007.01)	B26B 19/02 (2006.01)	A47J 37/07 (2006.01)		
B01J 19/08 (2006.01)	B26B 19/04 (2006.01)	F24C 3/00 (2006.01)		
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(72) CATALDO-HERNANDEZ, Macarena A.	(72) ARNDT, Steven Wayne; BRILL, Edward D.; SANTIAGO, Ronaldo J.; BEU, Scott W.; HERING, Rick			
(74) Madderns Pty Ltd	(74) Dark IP			
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(54) SECURE MODULE AND METHOD FOR APP-TO-APP MUTUAL TRUST THROUGH APP-BASED IDENTITY	(54) HEMODILUTION DETECTOR	(54) HIGH PRESSURE GRINDING ROLL		
(51) Int. Cl.	(51) Int. Cl.	(51) Int. Cl.		
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	(74) GLMR	(74) WEIR MINERALS AUSTRALIA LTD		
(71) VMWARE, INC.	(71) WEBER-STEPHEN PRODUCTS LLC	(71) WORCESTER POLYTECHNIC INSTITUTE		
(11) AU-A-2022229086	(11) AU-A-2021441719	(11) AU-A-2022237509		
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(54) RIC SDK	(54) L-SHAPED SMOKER BOXES FOR GAS GRILLS	(54) METAL-AIR BATTERY		
(51) Int. Cl.	(51) Int. Cl.	(51) Int. Cl.		
H04L 67/00 (2022.01)	A47J 37/07 (2006.01)	H01M 12/06 (2006.01)		
H04W 72/04 (2023.01)	A23B 4/052 (2006.01)	H01M 4/02 (2006.01)		
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 ECUTING REAL-TIME ELECTRONIC
 TRANSACTIONS USING A ROUTING
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A41D 13/01 (2006.01)
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C01B 21/26 (2006.01)
B01D 53/56 (2006.01)
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 LTD.
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 (54) MULTI-DOMAIN FUSION PROTEIN
 AND USE THEREOF
 (51) Int. Cl.
C07K 19/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/495 (2006.01)
C07K 14/71 (2006.01)
C12N 15/62 (2006.01)
C12N 15/63 (2006.01)
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 (72) HUANG, Yanshan
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- (71) ZHEJIANG HYPROOF NEW ENERGY
 CO. LTD; SHANGHAI HYPROOF
 TECHNOLOGY CO., LTD.; SHANGHAI
 HYPROOF NEW MATERIAL TECHNO-
 LOGY CO., LTD
 (11) AU-A-2021438644
 (21) 2021438644 (22) 16.12.2021
 (54) COMPOSITE MEMBRANE OF SPE-
 CIAL HIGHLY-ENHANCED FLUOR-
 INE-CONTAINING PROTON OR ION
 EXCHANGE MEMBRANE, COMPOS-
 ITE MEMBRANE ELECTRODE, SPE-
 CIAL HIGHLY-ENHANCED FLUOR-
 INE-CONTAINING CHLOR-ALKALI
 BATTERY MEMBRANE, SPECIAL RE-
 LEASE MEMBRANE, AND PREPARA-
 TION METHOD THEREFOR
 (51) Int. Cl.
H01M 8/1018 (2016.01)
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 (72) WU, Huisheng; YANG, Ying
 (74) Madderns Pty Ltd
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- (71) ZIMMER, INC.
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 (21) 2022241973 (22) 16.03.2022
 (54) INSTRUMENTS AND SYSTEMS IN-
 CLUDING A HUMERAL CUT GUIDE
 ASSEMBLY FOR AN ORTHOPEDIC
 SHOULDER REPLACEMENT
 (51) Int. Cl.
A61B 17/15 (2006.01)
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 (43) 29.09.2022
 (72) DYE, JR., Donald W.; KAY, Michael A.;
 KOVACS, Michael Francis
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(54) CHANNEL TRANSMISSION METHOD, CHANNEL RECEIVING METHOD, COMMUNICATION NODE, AND STORAGE MEDIUM
(51) Int. Cl.
H04W 74/00 (2009.01)
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(72) LIU, Kun; DAI, Bo; FANG, Huiying
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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2018297383	Annex Products Pty Ltd	2021448382	HALLIBURTON ENERGY SERVICES, INC.
2020445437	DUKOVICH, S.	2021450472	ZASSO GROUP AG; ZASSO BRASIL INDÚSTRIA E COMÉRCIO DE MÁQUINAS LTDA.
2021311737	MULTI PACKAGING SOLUTIONS, INC.	2021450618	HALLIBURTON ENERGY SERVICES, INC.
2021395009	XCMR INC.	2021463384	FCT HOLDINGS PTY LTD; FCT COMBUSTÃO BRASIL IMPORTAÇÃO E EXPORTAÇÃO LTDA
2021409749	FEDERAL'NOE GOSUDARSTVENNOE BYUDZHET-NOE OBRAZOVATEL'NOE UCHREZHDENIE VYSSHEGO OBRAZOVANIYA «MOSKOVSKIJ GOSUDARSTVENNYJ UNIVERSITET IMENI M.V.LOMONOSOVA» (MGU); JOINT STOCK COMPANY KRASNOYARSK HYDROPOWER PLANT(JSC KRASNOYARSK HPP); TARASOV, A.B.; GOODILIN, U.A.; IVLEV, P.A.; BELICH, N.A.	2021463794	GOOGLE LLC
2021426850	ROVI GUIDES, INC.	2021464172	FCT HOLDINGS PTY LTD; FCT COMBUSTÃO BRASIL IMPORTAÇÃO E EXPORTAÇÃO LTDA
2021427505	SUNRISE TECHNOLOGIES CO., LTD.	2022214517	GLASST INNOVATION COMPANY S.A.S.
2021427506	SUNRISE TECHNOLOGIES CO., LTD.	2022216578	BIOTROY THERAPEUTICS
2021427595	OXFORD UNIVERSITY INNOVATION LIMITED; UNITED KINGDOM RESEARCH AND INNOVATION BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.	2022217204	TAN, S.
2021427614	SUNRISE TECHNOLOGIES CO., LTD.	2022218706	AFFINIA THERAPEUTICS INC.
2021427656	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2022218907	V-KEY INC.
2021428171	ALLEN GLOBAL FZCO	2022219015	WYZE LABS, INC.
2021428276	SPRINGWORKS THERAPEUTICS, INC.	2022219018	OHIO STATE INNOVATION FOUNDATION
2021428601	MARTIN METER LLC	2022219149	E-ACCESS PTY LTD
2021429680	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	2022219213	THE ULTIMATE BOAT COMPANY LIMITED
2021429728	KIMBERLY-CLARK WORLDWIDE, INC.	2022219607	BACTERIA INTELLIGENCE LTD
2021430757	VIASAT, INC.	2022219929	CROSSROADS EXTREMITY SYSTEMS, LLC
2021431092	ALTERRA ENERGY LLC	2022219968	ATEYA SOLIMAN, R.R.; RADY ATEYA, R.R.; RADY ATEYA, R.R.; RADY ATEYA, I.R.
2021431510	TRICIDA, INC.	2022219982	MANUFACTURING RESOURCESINTERNATIONAL, INC
2021431870	HUAWEI TECHNOLOGIES CO., LTD.	2022220019	THE MOSAIC COMPANY
2021432315	TAIHO PHARMACEUTICAL CO., LTD.	2022220252	OXFORD UNIVERSITY INNOVATION LIMITED; UNITED KINGDOM RESEARCH AND INNOVATION ETHICON, INC.
2021432587	FUJIFILM CORPORATION; National University Corporation Tokyo Medical and Dental University	2022220274	UNIVERSITY OF UTAH RESEARCH FOUNDATION
2021432631	VIASAT, INC.	2022220331	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2021432764	DAESANG CORPORATION	2022220342	LODESTAR STRUCTURES INC.
2021432887	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	2022220762	JANSSEN PHARMACEUTICA NV
2021432943	SAS NETFORCE	2022221660	ZHEJIANG DOER BIOLOGICS CO., LTD.
2021433065	EYEGENE INC.	2022221724	SPV APEX 1, INC.
2021433397	DELLNER BUBENZER AB	2022222327	UNITED KINGDOM RESEARCH AND INNOVATION SHAPERON INC.; SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION
2021433713	SUZHOU ZANRONG PHARMA LIMITED	2022222423	ABDERA THERAPEUTICS INC.
2021434319	LEXMARK INTERNATIONAL, INC.	2022222471	SUDO BIOSCIENCES LIMITED
2021434503	LEXMARK INTERNATIONAL, INC.	2022222472	MYTROLLEE PTY LIMITED
2021434516	LENOVO (SINGAPORE) PTE. LTD.	2022222513	KAIZEN BIO-TECH (2011) LTD.
2021435063	IO BIOTECH APS	2022222519	HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD.; RAMOT AT TEL-AVIV UNIVERSITY LTD.
2021435214	NATIONAL RESEARCH COUNCIL OF CANADA	2022222618	PHARMA CINQ, LLC
2021435427	NOKIA TECHNOLOGIES OY	2022222638	MCMULLIN, E.W.
2021436355	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2022222681	TREE GOAT MEDIA, INC.
2021436671	WORLDPAY, LLC	2022222686	TORAGEN, INC.
2021437113	GM CRUISE HOLDINGS LLC	2022222914	LOAM BIO PTY LTD
2021437223	LENOVO (BEIJING) LIMITED	2022222985	SAMSUNG ELECTRONICS CO., LTD.
2021437226	LENOVO (BEIJING) LIMITED	2022222994	SHAPERON INC.; SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION
2021438644	ZHEJIANG HYPROOF NEW ENERGY CO. LTD; SHANGHAI HYPROOF TECHNOLOGY CO., LTD.; SHANGHAI HYPROOF NEW MATERIAL TECHNOLOGY CO., LTD	2022223275	CLEARBRIEF, INC.
2021438879	NOKIA TECHNOLOGIES OY	2022223544	ALASTIN SKINCARE, INC.
2021439501	THE PROCTER & GAMBLE COMPANY	2022223603	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE; THE UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH
2021439775	W. L. GORE & ASSOCIATES, INC.	2022224054	BEAM THERAPEUTICS INC.
2021440029	BIONOXX INC.	2022224198	MITSUBISHI TANABE PHARMA CORPORATION; PHARMA FOODS INTERNATIONAL CO., LTD.
2021440513	RWE RENEWABLES EUROPE & AUSTRALIA GMBH	2022224335	SHAPERON INC.; SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION
2021440972	PULPAC AB	2022224431	ELIA, C.
2021441603	FUJITSU LIMITED	2022224561	PROMETHEUS BIOSCIENCES, INC.; DR. FALK PHARMA GMBH
2021441719	WEBER-STEPHEN PRODUCTS LLC	2022224648	MAZE THERAPEUTICS, INC.
2021442873	LENOVO (BEIJING) LIMITED		
2021447893	KRATOS INTEGRAL HOLDINGS, LLC		

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

2022224669	GRAVITON BIOSCIENCE BV	2022232186	BAYER AKTIENGESELLSCHAFT
2022224917	LG ELECTRONICS INC.	2022232233	SAMSUNG ELECTRONICS CO., LTD.
2022224945	HUAWEI TECHNOLOGIES CO., LTD.	2022232280	CATERPILLAR INC.
2022225010	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	2022232296	HEMANEXT INC.
2022225169	FISHER & PAYKEL HEALTHCARE LIMITED	2022232362	BAKER HUGHES OILFIELD OPERATIONS LLC
2022225210	ORCHARD HOLDING	2022232395	THOMAS, K.; THOMPSON, A.
2022225718	METALLINE (SERVICES) LTD.	2022232471	SCHLUMBERGER TECHNOLOGY B.V.
2022225755	KASHIV BIOSCIENCES, LLC	2022232524	HAMPTON ROADS SANITATION DISTRICT; D.C. WATER AND SEWER AUTHORITY; WETT, B.; MURTHY, S.
2022225774	ASTELLAS PHARMA INC.	2022232625	DICE MOLECULES SV, INC.
2022226163	KSQ THERAPEUTICS, INC.	2022232650	M2P ENGINEERING PTY LTD
2022226252	KIMBERLY-CLARK WORLDWIDE, INC.	2022232710	SAFETYKLEEN GROUP SERVICES LIMITED
2022226407	ABALOS THERAPEUTICS GMBH	2022232714	BRITA SE
2022226414	ROCA SANITARIO, S. A.	2022232750	MAYTRONICS LTD.
2022226467	RAI STRATEGIC HOLDINGS, INC.	2022232784	KOBAYASHI PHARMACEUTICAL CO., LTD.
2022226600	PLASTIC SAFETY SYSTEMS, INC.	2022232894	REVOLUTION COOKING, LLC
2022226676	ALPHYN BIOLOGICS, LLC	2022232943	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
2022227003	RIBOZ, LLC	2022232945	HOPE MEDICAL
2022227086	MEDTRONIC, INC.	2022233019	MNEMO THERAPEUTICS; INSTITUT CURIE; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)
2022227740	KIMBERLY-CLARK WORLDWIDE, INC.	2022233040	BELLCO S.R.L.
2022227761	FRED HUTCHINSON CANCER CENTER	2022233165	NEPTUNE MEDICAL INC.
2022227763	AUTONOMOUS SOLUTIONS, INC.	2022233181	SOLAWAVE INC.
2022228004	MEDIBOSTON LIMITED	2022233186	LIFETIME PRODUCTS, INC.
2022228229	ADVANSIX RESINS & CHEMICALS LLC; TING, Y.R.	2022233192	ADJUVANTS UNLIMITED, LLC
2022228240	SCHNU, LLC	2022233199	NICOYA LIFESCIENCES, INC.
2022228255	YALE UNIVERSITY; GENNAO BIO, INC.	2022233201	UNIVERSITY HEALTH NETWORK
2022228340	MEISLER, I.D.	2022233249	LINDE GMBH
2022228354	LANDIS+GYR TECHNOLOGY, INC.	2022233468	LIFETIME PRODUCTS, INC.
2022228358	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2022233494	OBERTHUR FIDUCIAIRE SAS
2022228408	HUAWEI TECHNOLOGIES CO., LTD.	2022233547	GENMAB A/S; BIONTECH SE
2022228468	GLOBELET CORPORATION; EVERTON, R.	2022233733	ONEPROJECTS DESIGN AND INNOVATION LTD.
2022228486	VERDAGY, INC.	2022233737	BIOCEPTRE (AUST) PTY LTD
2022228674	SYNKLINO A/S	2022233739	AUTONOPIA TECHNOLOGIES INC.
2022228695	ENVIT, ENVIRONMENTAL TECHNOLOGIES AND ENGINEERING LTD.	2022233742	CANARIABIO INC.
2022229037	MINDSET PHARMA INC.	2022233791	MOLECULAR PARTNERS AG
2022229086	VMWARE, INC.	2022233818	BEIJING WEHAND-BIO PHARMACEUTICAL CO., LTD; GUANGXI WEHAND-BIO PHARMACEUTICAL CO., LTD
2022229178	EMVISION MEDICAL DEVICES LTD	2022234131	DIC CORPORATION
2022229628	ORITAIN GLOBAL LIMITED	2022234150	JCR PHARMACEUTICALS CO., LTD.
2022229695	MINDSET PHARMA INC.	2022234217	PUREWICK CORPORATION
2022229733	HYDAC FILTERTECHNIK GMBH	2022234261	UNIWERSYTET WARSZAWSKI
2022229821	TRUERELIEF, LLC	2022234271	LANDIS+GYR TECHNOLOGY, INC.
2022229858	RIERA I BOIX, D.	2022234303	CRYOPORT, INC.
2022230057	INSTYTUT BIOLOGII DOSWIADCZALNEJ IMIENIA MARCELEGO NENCKIEGO POLSKIEJ AKADEMII NAUK; UNIVERSITÄT WÜRZBURG	2022234309	MIRATI THERAPEUTICS, INC.
2022230132	GLEITSMANN SECURITY INKS GMBH	2022234310	GALVANIZE THERAPEUTICS, INC.
2022230146	HYDAC FILTERTECHNIK GMBH	2022234314	BLUEPRINT MEDICINES CORPORATION
2022230416	HORIZON THERAPEUTICS IRELAND DAC	2022234328	HIFIBIO (HK) LIMITED
2022230462	VERDAGY, INC.	2022234333	KITE PHARMA, INC.
2022230465	PRC-DESOTO INTERNATIONAL, INC.	2022234363	OURA HEALTH OY
2022230506	NIPPON STEEL CORPORATION	2022234400	GOOGLE LLC
2022230548	JOINT STOCK COMPANY «BIOCAD»	2022234402	KUMQUAT BIOSCIENCES INC.
2022230782	FREYA BIOSCIENCES APS	2022234404	NORTHWESTERN UNIVERSITY
2022231012	THE CURATORS OF THE UNIVERSITY OF MISSOURI; BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA	2022234428	LIFETIME PRODUCTS, INC.
2022231023	MESO SCALE TECHNOLOGIES, LLC.; WOHLSTADTER, J.N.; GOODWIN, P.J.; LEFFEL, S.; SEPPY, J.	2022234433	HAMPTON ROADS SANITATION DISTRICT; D.C. WATER AND SEWER AUTHORITY; O'SHAUGHNESSY, M.; WETT, B.; MURTHY, S.
2022231065	ARIAT INTERNATIONAL, INC.	2022234435	MERKLE, INC.; RANDAZZO, P.; GAJEWSKI, J.; LEE, J.; ILLOBRE, N.; ESPINAL, D.; SCHULTZ, M.; JOYCE, M.; YONCHAK, D.; LEGER, K.; BAVARO, G.
2022231195	BYD COMPANY LIMITED	2022234439	THIRD POLE, INC.
2022231254	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.	2022234444	GILGAMESH PHARMACEUTICALS, INC.
2022231348	ABB SCHWEIZ AG	2022234681	HERITAGE RESEARCH GROUP, LLC
2022231418	GRIFOLS WORLDWIDE OPERATIONS LIMITED	2022234774	VINCERE BIOSCIENCES, INC.
2022231806	MINETOMETAL PTY LTD	2022234783	LANDIS+GYR TECHNOLOGY, INC.
2022231807	STEALTH TECHNOLOGIES PTY LTD	2022234866	CALIK DENIM TEKSTIL SAN. VE TIC. A.S.
2022231882	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2022234898	STRYKER EUROPEAN OPERATIONS LIMITED
2022231913	MOLECULAR PARTNERS AG	2022234962	CARDIO-RENAL SOLUTIONS, INC.
		2022234974	DIGITAL SURGERY SYSTEMS, INC.

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

2022234979	SMART BAR USA, LLC	2022241652	MCCARTHY, M.F.
2022234986	THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH	2022241654	JUNO THERAPEUTICS, INC.
2022235060	MNEMO THERAPEUTICS; INSTITUT CURIE; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)	2022241677	KOLITSCH, S.
2022235126	HUAWEI TECHNOLOGIES CO., LTD.	2022241910	ARES TRADING S.A.
2022235168	LTH HOLDINGS PTY LTD	2022241935	NOVIMMUNE S.A.
2022235263	CATERPILLAR GLOBAL MINING LLC	2022241973	ZIMMER, INC.
2022235292	LIFETIME PRODUCTS, INC.	2022242175	MODIBODI AUSTRALIA PTY LTD
2022235419	MARGUERAY, C.; AGOSTINHO, D.	2022242514	NTT COMMUNICATIONS CORPORATION
2022236196	SENSILE MEDICAL AG	2022242558	UROMED KURT DREWS KG
2022236218	IDEMITSU KOSAN CO.,LTD.	2022242747	MCCARTHY, M.F.
2022236252	XSPECTER GMBH	2022242760	EURODIA INDUSTRIE
2022236301	RESONANT ACOUSTICS INTERNATIONAL INC.	2022242775	GANYMED ROBOTICS
2022236408	INDUSTRIE DE NORA S.P.A.	2022242811	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
2022236757	NPL MANAGEMENT LIMITED	2022242840	ORGANOGENESIS, INC.
2022236865	GR3N SA	2022242858	LILIUMX LTD.
2022236931	LEISURELIFE (AUST) PTY LTD	2022243067	MODESEL PTY LTD
2022236947	SUZANO S.A.; UNIVERSIDADE DE SÃO PAULO - USP	2022243260	PEPTIDREAM INC.
2022237342	ADVANCED FUSION SYSTEMS LLC	2022243280	ASTELLAS PHARMA INC.; MIE UNIVERSITY
2022237382	MODERNATX, INC.	2022243365	NIPPON STEEL CORPORATION
2022237509	WORCESTER POLYTECHNIC INSTITUTE	2022243500	F. SMIT HOLDING B.V.
2022237516	KANSAS STATE UNIVERSITY RESEARCH FOUNDATION; HYDROGRAPH CLEAN POWER INC.	2022243564	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2022237542	HB INNOVATIONS, INC.	2022244191	NYKODE THERAPEUTICS ASA; GENENTECH INC.
2022237556	OPSIDIO, LLC	2022244356	PURDUE RESEARCH FOUNDATION
2022237620	ELECTRASTEEL, INC.	2022244370	NATIONAL RESILIENCE, INC.
2022237643	GENERATION BIO CO.	2022244378	ELECTRASTEEL, INC.
2022237659	HENDRICKSON USA, L.L.C.	2022244439	PFIZER INC.; ASTELLAS PHARMA INC.
2022237784	THE SCRIPPS RESEARCH INSTITUTE	2022244451	KACI INTERMODAL SYSTEMS, LLC
2022237787	BAKER HUGHES OILFIELD OPERATIONS LLC	2022244890	LUMOSA THERAPEUTICS CO., LTD.
2022237796	CLIMATE LLC	2022244941	SHANGHAI HAIYAN PHARMACEUTICAL TECHNOLOGY CO., LTD.; YANGTZE RIVER PHARMACEUTICAL GROUP CO., LTD.
2022237843	TECHNISCHE UNIVERSITÄT DRESDEN; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); UNIVERSITÉ D'AIX-MARSEILLE; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)	2022245111	WEBER-STEPHEN PRODUCTS LLC
2022237901	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE D'ORLEANS	2022245140	CATALOG TECHNOLOGIES, INC.
2022237941	EUROPEENNE DE BIOMASSE	2022245243	BEAM THERAPEUTICS INC.
2022238316	MCKNIGHT, G.D.; RAYBORN, R.L.	2022245255	LES LABORATOIRES SERVIER; NOVARTIS AG
2022238388	CAREFUSION 303, INC.	2022245323	GENENTECH, INC.
2022238570	CORTENE INC.	2022245366	IOSBIO LTD
2022238719	CATERPILLAR INC.	2022245411	ATHOS THERAPEUTICS, INC.
2022238729	MOTOROLA SOLUTIONS, INC.	2022245619	ASAHI KASEI KABUSHIKI KAISHA
2022238755	HOLLISTER INCORPORATED	2022245639	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
2022238788	GACW INCORPORATED	2022245713	HUAWEI TECHNOLOGIES CO., LTD.
2022238818	GOOGLE LLC	2022245798	BARKEY GMBH & CO. KG
2022238820	LIQUID INSTRUMENTS PTY LTD.	2022245816	LYFO B.V.
2022239314	RELIEVANT MEDSYSTEMS, INC.	2022245917	ELC MANAGEMENT LLC
2022239484	ABS GLOBAL, INC.	2022245993	MAGNUS MEDICAL, INC.
2022239608	AUXILIUM BIOTECHNOLOGIES INC.	2022246020	EYE VACC
2022239617	WASHINGTON UNIVERSITY	2022246090	DANA-FARBER CANCER INSTITUTE, INC.
2022239783	SENTEC AG	2022246136	BINDING SOLUTIONS LTD
2022239913	MISSION ZERO TECHNOLOGIES LTD	2022246164	ABCURO, INC.
2022239961	TRYP THERAPEUTICS INC.	2022246173	INSURANCE SERVICES OFFICE, INC.
2022240101	MACHT TOOLS PTY LTD	2022246195	CONCEPT SPINE LTD
2022240406	AMVAC HONG KONG LIMITED	2022246300	QU BIOLOGICS INC.
2022240609	CRINETICS PHARMACEUTICALS, INC.	2022246592	LANDIS+GYR TECHNOLOGY, INC.
2022240733	SCIPHER MEDICINE CORPORATION	2022246634	VIASAT, INC.
2022240737	PROCAPS SA	2022246780	BELVAC PRODUCTION MACHINERY, INC.
2022240775	IONTRA INC	2022246799	VALENT BIOSCIENCES LLC
2022240798	BAKER HUGHES ENERGY TECHNOLOGY UK LIMITED	2022246997	ASCENDIS PHARMA A/S
2022240944	SWING FITNESS LIMITED	2022247016	NORCE INNOVATION AS
2022240957	ACR II ALUMINIUM GROUP COOPERATIEF U.A.	2022247140	THE UNIVERSITY OF SYDNEY; WESTERN SYDNEY LOCAL HEALTH DISTRICT
2022241160	SAVOREAT LTD.; YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.	2022247170	FF-FUTURE OY
2022241379	VIRIDIS RESEARCH INC.	2022247305	ARBUTUS BIOPHARMA CORPORATION
		2022247392	MOON SURGICAL SAS
		2022247583	ZTE CORPORATION
		2022248100	FUJITSU GENERAL LIMITED
		2022248122	NIPPON STEEL CORPORATION
		2022248430	ISHIHARA SANGYO KAISHA, LTD.
		2022248671	FURUKAWA ELECTRIC CO., LTD.

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

2022248779	DAIICHI SANKYO COMPANY, LIMITED	2022269533	CAREFUSION 303, INC.
2022248907	SALVIA BIOELECTRONICS B.V.	2022270207	AGENUS INC.
2022249038	LANDIS+GYR TECHNOLOGY, INC.	2022270880	MERCK PATENT GMBH
2022249039	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2022272287	THE PROCTER & GAMBLE COMPANY
2022249162	ARMAMENTS RESEARCH COMPANY INC.	2022273061	THE PROCTER & GAMBLE COMPANY
2022249217	JOY GLOBAL SURFACE MINING INC	2022273382	ELECTROLUX APPLIANCES AKTIEBOLAG
2022249400	ASTEC, INC.	2022274298	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2022249520	ALLIED CARBON SOLUTIONS CO., LTD.; NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	2022274309	UNIVERSITY OF COPENHAGEN
2022249574	SYNGENTA CROP PROTECTION AG	2022275095	ELECTROLUX APPLIANCES AKTIEBOLAG
2022249734	ILLUMINA CAMBRIDGE LIMITED	2022275141	IHI CORPORATION
2022249776	MITSUBISHI SHIPBUILDING CO., LTD.	2022280321	THULE SWEDEN AB
2022250082	NORDIC MINESTEEL TECHNOLOGIES INC.	2022281081	YARA INTERNATIONAL ASA
2022250521	GENEMATRIX INC.	2022284888	UNIVERSITY OF VIRGINIA PATENT FOUNDATION
2022250568	NOKIA TECHNOLOGIES OY	2022288746	DEEPMIND TECHNOLOGIES LIMITED
2022250998	ELKEM ASA	2022288865	STARTON THERAPEUTICS, INC.
2022251310	LENOVO (SINGAPORE) PTE. LTD.	2022290902	WEIR MINERALS NETHERLANDS B.V.
2022251523	HANGZHOU EXEGENESIS BIO LTD.	2022297082	ALCHEMEDIK, INC.
2022252182	GILEAD SCIENCES, INC.	2022298911	BEIERSDORF AG
2022252244	ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY	2022300907	DROPBOX, INC.
2022252997	CENTURY THERAPEUTICS, INC.	2022304524	DROPBOX, INC.
2022253065	AVIRMAX BIOPHARMA INC.	2022309296	PLOTLOGIC PTY LTD
2022253202	LG CHEM, LTD.	2022333529	MINETEK INVESTMENTS PTY LTD
2022253223	CENTURY THERAPEUTICS, INC.	2022356974	LG ENERGY SOLUTION, LTD.
2022253373	CHONG KUN DANG PHARMACEUTICAL CORP.	2022359312	LG ENERGY SOLUTION, LTD.
2022253888	ABBVIE BIOTHERAPEUTICS INC.	2022359601	SHANGHAI COHERZ TECHNOLOGY CO., LTD#
2022254220	SICA S.P.A.	2022368370	CNPHARM CO., LTD.
2022254487	BITDEFENDER IPR MANAGEMENT LTD	2022383822	SHARKNINJA OPERATING LLC
2022254624	EXTHERA MEDICAL CORPORATION	2022408799	LG ELECTRONICS INC.
2022254646	DANA-FARBER CANCER INSTITUTE, INC.	2022416127	SHENZHEN INSTITUTES OF ADVANCED TECHNOLOGY
2022254737	INSURANCE SERVICES OFFICE, INC.	2022417205	LG ENERGY SOLUTION, LTD.
2022255166	CENTURY THERAPEUTICS, INC.	2022421756	LG ENERGY SOLUTION, LTD.
2022255538	IMMVIRA BIOPHARMACEUTICALS CO., LIMITED	2022432830	TENCENT AMERICA LLC
2022255675	TRITANA INTELLECTUAL PROPERTY LTD.	2022433628	TENCENT AMERICA LLC
2022255709	TENEOBIO, INC.	2023207949	TENCENT AMERICA LLC
2022255838	KEWPIE CORPORATION		
2022256237	MADAD PTY LTD		
2022256423	SAAB AB		
2022256560	NANJING CHERVON INDUSTRY CO., LTD.		
2022256793	KEYGENE N.V.		
2022256951	MADAD PTY LTD		
2022257074	SHANGHAI MICROPORT EP MEDTECH CO., LTD.		
2022257277	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.		
2022257285	SÜDZUCKER AG		
2022257358	LENOVO (SINGAPORE) PTE. LTD.		
2022257597	AERIE PHARMACEUTICALS, INC.		
2022258778	MUSHLABS GMBH		
2022258983	SU-N ENERGY HOLDINGS LTD		
2022259060	LENOVO (SINGAPORE) PTE. LTD.		
2022259260	SAMSUNG ELECTRONICS CO., LTD.		
2022259414	WEBER-STEPHEN PRODUCTS LLC		
2022259549	APOSCIENCE AG		
2022260474	GIVAUDAN SA		
2022260770	SAMSUNG ELECTRONICS CO., LTD.		
2022261074	REGENERON PHARMACEUTICALS, INC.		
2022263229	BECTON, DICKINSON AND COMPANY		
2022263424	CELGENE CORPORATION; BRISTOL-MYERS SQUIBB COMPANY		
2022264498	STRM.BIO INCORPORATED		
2022264682	WAHL CLIPPER CORPORATION		
2022264736	UNILEVER GLOBAL IP LIMITED		
2022265189	HERRENKNECHT AKTIENGESELLSCHAFT		
2022265633	MEDIMMUNE, LLC		
2022266617	E INK CORPORATION		
2022267584	TEAM YOUNG TECHNOLOGY CO., LTD.		
2022267658	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE		

IPC Index

<u>A01D 41 /-</u>	<u>A23C 9 /-</u>	<u>A41D 13 /-</u>	<u>A47D 9 /-</u>	2022222519	<u>A61G 5 /-</u>
2022255675	2022242760	2021395009	2022237542	2022227086	2022243067
		2022222638		2022229178	
	<u>A23J 1 /-</u>		<u>A47G 29 /-</u>	2022232395	<u>A61H 31 /-</u>
<u>A01H 3 /-</u>	2022258778	<u>A43B 23 /-</u>	2022240944	2022234898	2022247140
2022222914		2022231065		2022234986	
	<u>A23J 3 /-</u>		<u>A47J 31 /-</u>	2022237542	
<u>A01H 4 /-</u>	2022255838	<u>A43C 1 /-</u>	2022234979	2022239617	<u>A61J 1 /-</u>
2022256793		2022231065		2022239783	2022238388
	<u>A23K 20 /-</u>		<u>A47J 37 /-</u>	2022239961	
<u>A01K 67 /-</u>	2022249520	<u>A43C 11 /-</u>	2021441719	2022245993	<u>A61J 13 /-</u>
2022224669		2022231065	2022232894	2022247140	2022222519
	<u>A23L 15 /-</u>		2022233186	2022256237	
<u>A01M 21 /-</u>	2022255838	<u>A43C 7 /-</u>	2022233468	2022256951	<u>A61J 3 /-</u>
2021450472		2022231065	2022234428	2022284888	2022240737
	<u>A23L 2 /-</u>		2022235292		
<u>A01N 1 /-</u>	2022249520	<u>A45B 19 /-</u>	2022245111	<u>A61B 8 /-</u>	<u>A61K 31 /-</u>
2022232296		2022236931	2022259414	2022233733	2021427595
2022245798	<u>A23L 27 /-</u>				2021428601
	2022257285	<u>A45D 20 /-</u>	<u>A47K 10 /-</u>	2022234974	2021431510
<u>A01N 25 /-</u>		2022383822	2021429728	2022247392	2021433713
2022233192	<u>A23L 29 /-</u>			<u>A61C 7 /-</u>	2021435063
	2022249520	<u>A45D 40 /-</u>	<u>A47L 11 /-</u>	2022359601	2022220252
2022246799	2022257285	2022245917	2021427614	<u>A61F 11 /-</u>	2022222472
	<u>A23L 31 /-</u>		2022224917	2020445437	2022222591
<u>A01N 43 /-</u>	2022258778	<u>A45D 44 /-</u>	<u>A47L 23 /-</u>	<u>A61F 13 /-</u>	2022222618
2022232186		2022233181	2022408799	2022224669	2022222686
2022246799	<u>A23L 33 /-</u>	<u>A47B 61 /-</u>	<u>A47L 5 /-</u>	2022225755	2022222686
	2022242840	2022408799	2022224917	2022225774	2022224669
<u>A01N 57 /-</u>	2022249520			2022226252	2022225755
2022233192	2022258778	<u>A47C 1 /-</u>	<u>A61B 1 /-</u>	2022226676	2022225774
	<u>A23L 5 /-</u>	2022243067	2022233165	2022226676	2022226676
<u>A01N 63 /-</u>	2022255838	2022243500	<u>A61B 10 /-</u>	2022227740	2022229037
2022222914		<u>A47C 15 /-</u>	2022234363	<u>A61F 2 /-</u>	2022229695
	<u>A23P 20 /-</u>	2022243500		2022230057	2022230057
<u>A23B 4 /-</u>	2022241160	<u>A47C 20 /-</u>	<u>A61B 17 /-</u>	2022231254	2022231254
2021441719		2022243067	2022219929	2022233742	2022233742
2022233186	<u>A24B 15 /-</u>	2022243067	2022234898	2022234309	2022234309
2022233468	2022226467		2022234974	2022234314	2022234314
2022234428		<u>A47C 31 /-</u>	2022241973	2022234402	2022234402
2022235292	<u>A24F 40 /-</u>	2022256237	2022246195	2022234444	2022234444
	2022226467	2022256951	<u>A61B 18 /-</u>	2022237784	2022237784
<u>A23B 7 /-</u>			2022233181	2022237901	2022237901
2022219968	<u>A41B 9 /-</u>	<u>A47C 5 /-</u>	2022234310	2022239961	2022239961
	2022242175	2022243500		2022243564	2022243564
<u>A23B 9 /-</u>			<u>A61B 34 /-</u>	2022244356	2022244356
2022219968	<u>A41C 3 /-</u>	<u>A47C 7 /-</u>	2022234974	2022244439	2022244439
	2022242175	2022243067	2022241973	2022244890	2022244890
<u>A23C 11 /-</u>			2022246195	2022244941	2022244941
2022258778	<u>A41C 5 /-</u>	<u>A47D 15 /-</u>	<u>A61B 5 /-</u>	2022246090	2022246090
	2022242175	2022237542	2021427505	2022247305	2022247305
<u>A23C 20 /-</u>			2021427506	2022253373	2022253373
2022258778			2021427656	2022254646	2022254646
				2022263424	2022263424
				2022274298	2022274298
				2022288865	2022288865
				2022297082	2022297082
				2022368370	2022368370
				<u>A61K 33 /-</u>	<u>A61K 33 /-</u>
				2022220331	2022220331
				<u>A61G 15 /-</u>	<u>A61K 35 /-</u>
				2022243067	2021432587

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

2022218706	2022253223	2022228358	2022229821	2022238570	2022234309
2022226163	2022253888	2022230782	2022248907	2022239961	2022234314
2022226407	2022255709	2022234404		2022243260	2022234328
2022230548	2022263424	2022240737	A61N 5 /-	2022261074	2022234402
2022230782	2022265633	2022243564		2022274298	2022234774
2022232296	2022270207	2022244890	2022233181	2022297082	2022241935
2022233737		2022246020			2022244439
2022234333	A61K 45 /-	2022264498	A61N 7 /-	A61P 27 /-	2022244941
2022234402		2022288865			2022245411
2022237843	2022220331		2022236301	2022220331	2022246300
2022249039	2022223544	A61L 15 /-		2022223603	2022247305
2022255538	2022230057		A61P 1 /-	2022234444	2022248779
2022259549	2022240737	2022227740		2022234774	2022252997
2022264498	2022243564	2022298911	2022224561	2022253065	2022253202
	2022244439		2022234774	2022274298	2022253888
A61K 36 /-		A61L 2 /-	2022243260		2022255538
	A61K 47 /-		2022246997	A61P 29 /-	2022255709
2022226676		2021395009	2022252182		2022263424
2022233818	2021427595	2022408799	2022274298	2022222472	2022270880
	2021433065		2022297082	2022224198	2022274298
A61K 38 /-	2022220252	A61L 24 /-		2022224561	2022297082
	2022226676		A61P 11 /-	2022234444	
2021435063	2022228004	2022220274		2022237901	A61P 37 /-
2022228255	2022228674		2022232625	2022246997	
2022228674	2022230782	A61L 9 /-	2022242811	2022251523	2022224198
2022231418	2022234404		2022243260	2022274298	2022233201
2022237556	2022243260	2021395009	2022274298		2022245411
2022238570	2022244890	A61M 1 /-	2022297082	A61P 3 /-	
2022242811	2022246997				A61P 39 /-
2022242840	2022248779	2022229821	A61P 13 /-	2022222591	
2022242858	2022249520	2022232296		2022224669	2022234774
2022243260	2022251523	2022233040	2021431510	2022230057	
2022244890	2022253888	2022245798	2022224198	2022233818	A61P 43 /-
2022245243	2022270880	2022254624	2022232625	2022234774	
2022246997	2022274309		2022234774	2022243260	2022223544
2022253065	2022288865	A61M 16 /-	2022243260	2022252182	2022224198
2022253202	2022368370		2022297082		2022234774
2022264498		2022225169	A61P 15 /-	A61P 31 /-	2022237901
2022274309	A61K 48 /-	2022234439		2021433065	2022243260
		2022247140	2022230782	2022222686	2022297082
A61K 39 /-	2021433065	A61M 21 /-	2022251523	2022227761	
	2022228255			2022228674	A61P 9 /-
2021433065	2022230548	2022237542	A61P 17 /-	2022237784	2022234774
2021440029	2022237643			2022242811	2022243260
2022216578	2022253065	A61M 25 /-	2022226676	2022247305	2022244890
2022221660	2022264498		2022243260	2022250521	2022274298
2022222423		2022232945	2022259549		2022297082
2022222686	A61K 49 /-	2022233165		A61P 35 /-	
2022222994		2022242558	A61P 19 /-		A61Q 11 /-
2022224198	2022228358	2022257074		2021428601	
2022224335	2022234404		2021432587	2021432315	2021439501
2022224561	2022243280	A61M 29 /-	2022224198	2021433713	2022273061
2022226163	2022270880		2022243564	2021435063	
2022227761		2022232945	A61P 21 /-	2021440029	A61Q 15 /-
2022230416	A61K 51 /-			2022220818	
2022231012		A61M 31 /-	2021427595	2022221660	2022264736
2022232943	2022222471		2022220252	2022222423	
2022233019	2022246300	2022230782	2022222618	2022222471	A61Q 19 /-
2022233201	A61K 8 /-		2022222618	2022222686	
2022233547		A61M 39 /-	2022228255	2022222994	2022233181
2022233737	2021439501		2022234774	2022222994	2022249520
2022233742	2022226676	2022233040	2022243260	2022224335	2022259549
2022234328	2022249520	2022242558	2022245411	2022225774	
2022235060	2022259549	2022269533	2022274298	2022228004	A61Q 5 /-
2022237382	2022264736			2022231254	
2022241935	2022272287	A61M 5 /-	A61P 25 /-	2022231913	2022272287
2022244191	2022273061			2022232625	
2022245366		2022236196	2022229037	2022233019	A61Q 7 /-
2022246020	A61K 9 /-		2022229695	2022233201	
2022248779		A61N 1 /-	2022231418	2022233547	2022223544
2022251523	2021433065		2022234444	2022233737	
2022252244	2022220331	2022220342	2022234774	2022233742	
2022252997		2022227086	2022237901	2022233791	

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

<u>A62D 3 /-</u>	<u>B01F 27 /-</u>	<u>B09B 101 /-</u>	<u>B30B 3 /-</u>	<u>B60R 7 /-</u>	<u>B63B 7 /-</u>
2022228695 2022241379	2022224431	2022228695	2022220019 2022290902	2022228340	2022219213
<u>A63B 102 /-</u>	<u>B01F 33 /-</u>	<u>B09B 3 /-</u>	<u>B30B 9 /-</u>	<u>B60R 9 /-</u>	<u>B65B 25 /-</u>
2021428610	2022224431	2022228695	2022220019	2021428276 2022280321	2022219968
<u>A63B 21 /-</u>	<u>B01J 19 /-</u>	<u>B09C 1 /-</u>	<u>B32B 15 /-</u>	<u>B60T 13 /-</u>	<u>B65B 29 /-</u>
2022240944	2022237516 2022241379 2022257277	2022228695	2022230506 2022243365 2022248122	2021433397	2022219968
<u>A63B 24 /-</u>	<u>B01J 20 /-</u>	<u>B21D 51 /-</u>	<u>B32B 27 /-</u>	<u>B60T 17 /-</u>	<u>B65D 1 /-</u>
2021428610	2022228695 2022254624	2022246780	2022234131	2021433397	2022246780
<u>A63B 71 /-</u>	<u>B01J 23 /-</u>	<u>B23Q 17 /-</u>	<u>B32B 5 /-</u>	<u>B60T 8 /-</u>	<u>B65D 35 /-</u>
2021428610	2022245619	2022265189	202226252 202227740	2021433397	2022241160
<u>B01D 1 /-</u>	<u>B01J 37 /-</u>	<u>B25B 13 /-</u>	<u>B32B 7 /-</u>	<u>B60W 30 /-</u>	<u>B65D 5 /-</u>
2022232710	2022240101 2022280321	2022240101 2022280321	202226252 202227740	2022227763	2022231023
<u>B01D 15 /-</u>	<u>B01J 41 /-</u>	<u>B25B 23 /-</u>	<u>B33Y 30 /-</u>	<u>B61B 1 /-</u>	<u>B65D 65 /-</u>
2022254624	2022237620	2022280321	202226252 202227740	2022244451	2022234131
<u>B01D 29 /-</u>	<u>B01J 47 /-</u>	<u>B25J 11 /-</u>	<u>B41J 2 /-</u>	<u>B61B 3 /-</u>	<u>B65D 73 /-</u>
2022229733 2022230146	2022237620	2022217204 2022233739	2022241160	2022244451	2021311737
<u>B01D 3 /-</u>	<u>B01J 8 /-</u>	<u>B25J 19 /-</u>	<u>B41M 3 /-</u>	<u>B61C 17 /-</u>	<u>B65D 81 /-</u>
2022232710	2022257277	2022217204	2021434503	2022244451	2022234303 2022242747
<u>B01D 35 /-</u>	<u>B01L 3 /-</u>	<u>B25J 5 /-</u>	<u>B42D 25 /-</u>	<u>B61D 47 /-</u>	<u>B65D 83 /-</u>
2022242747	2022231023 2022239484	2022233739	2021311737 2022230132 2022233494	2022244451	2021429728 2022241160
<u>B01D 39 /-</u>	<u>B01L 7 /-</u>	<u>B25J 9 /-</u>	<u>B60B 30 /-</u>	<u>B61F 5 /-</u>	<u>B65D 88 /-</u>
2022254624	2022245798	2022217204 2022233739	2022250082	2022244451	2022234303
<u>B01D 46 /-</u>	<u>B01L 9 /-</u>	<u>B26B 19 /-</u>	<u>B60B 9 /-</u>	<u>B61G 5 /-</u>	<u>B66F 9 /-</u>
2022235168 2022242747	2022231023	2022264682	2022238788	2022244451	2022250082
<u>B01D 53 /-</u>	<u>B02C 4 /-</u>	<u>B27N 1 /-</u>	<u>B60G 11 /-</u>	<u>B61J 1 /-</u>	<u>B67D 1 /-</u>
2022219968 202221724 2022239913 2022281081	2022290902	2022237941	2022237659	2022244451	2022234979
<u>B01D 61 /-</u>	<u>B03B 5 /-</u>	<u>B27N 3 /-</u>	<u>B60L 58 /-</u>	<u>B62B 3 /-</u>	<u>B67D 7 /-</u>
2022254624 2022275141	2022238788	2022237941	2022240775	2022222513	2022241160
<u>B01D 7 /-</u>	<u>B05B 7 /-</u>	<u>B27N 5 /-</u>	<u>B60P 1 /-</u>	<u>B62D 55 /-</u>	<u>B82Y 40 /-</u>
2022258983	2022234979	2021440972 2022237941	2021428171	2022232280 2022238719	2022236947
<u>B01F 23 /-</u>	<u>B06B 1 /-</u>	<u>B29B 17 /-</u>	<u>B60R 11 /-</u>	<u>B62J 11 /-</u>	<u>B82Y 5 /-</u>
2022224431	2022236301	2022229858	2018297383	2018297383	2022234404
<u>B01F 25 /-</u>	<u>B07B 1 /-</u>	<u>B29C 57 /-</u>	<u>B60R 25 /-</u>	<u>B63B 1 /-</u>	<u>C01B 21 /-</u>
2022224431	2022238788	2022254220	2022235419	2022219213	2022254646 2022281081
<u>B01F 25 /-</u>	<u>B07B 13 /-</u>	<u>B30B 15 /-</u>		<u>B63B 25 /-</u>	<u>C01B 3 /-</u>
2022224431	2021435214	2022290902		2022249776	2022219968 2022245619 2022248671

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

2022275141	<u>C07C 209 /-</u>	<u>C07D 213 /-</u>	2022244941	<u>C07D 495 /-</u>	2022224198
<u>C01B 32 /-</u>	2022260474	2022234774	2022245411		2022224335
2022219968	<u>C07C 211 /-</u>	2022247305	2022252182	2022232625	2022224561
<u>C01C 1 /-</u>	2022260474	2022274298	<u>C07D 405 /-</u>	2022234261	2022227761
2022247016	<u>C07C 213 /-</u>	<u>C07D 217 /-</u>		2022234309	2022228004
<u>C01F 3 /-</u>	2022249574		2022244941	2022244941	2022228255
2022219968	<u>C07C 215 /-</u>	<u>C07D 221 /-</u>	202224648	<u>C07D 498 /-</u>	2022231913
<u>C01G 29 /-</u>	2022249574		2022234774		2022232943
2022248430	<u>C07C 217 /-</u>	<u>C07D 233 /-</u>	2022247305	2022244941	2022233019
<u>C01G 49 /-</u>	2022234444		2022297082	2022252182	2022233201
2022244378	<u>C07C 255 /-</u>	<u>C07D 221 /-</u>	<u>C07D 407 /-</u>	2022274298	2022233547
2022248430					2022233737
<u>C02F 1 /-</u>	2022234444	<u>C07D 241 /-</u>	2022234774	<u>C07D 515 /-</u>	2022233791
	<u>C07C 259 /-</u>				2022234150
2022232710		<u>C07D 249 /-</u>	<u>C07D 409 /-</u>	2022220818	2022234328
2022234433	2021428601			<u>C07D 519 /-</u>	2022237556
2022241379	<u>C07C 311 /-</u>	<u>C07D 235 /-</u>	2022245411		2022241935
<u>C02F 101 /-</u>	2022234774		2022247305	2022247305	2022246164
2022228695	<u>C07C 323 /-</u>	<u>C07D 241 /-</u>	<u>C07D 411 /-</u>	2022247305	2022246300
<u>C02F 11 /-</u>	2022234444			<u>C07F 9 /-</u>	2022248779
2022228695		<u>C07D 241 /-</u>	2022245411		2022253202
2022232710	<u>C07C 51 /-</u>		<u>C07D 413 /-</u>	2022239961	2022253888
<u>C02F 3 /-</u>	2022219968	<u>C07D 295 /-</u>		<u>C07H 1 /-</u>	2022255709
2022232524	<u>C07C 53 /-</u>		2022244941		2022261074
2022234433		<u>C07D 249 /-</u>	2022244941	2022234261	2022265633
<u>C04B 35 /-</u>	<u>C07C 61 /-</u>		2022245411	2022242760	2022270207
2021409749		<u>C07D 271 /-</u>	2022247305	2022257285	2022270880
2022244378	<u>C07C 63 /-</u>		2022253373		<u>C07K 19 /-</u>
2022245619		<u>C07D 271 /-</u>	2022274298	<u>C07H 15 /-</u>	
<u>C05B 15 /-</u>	2022236865		2022297082		2022221660
2022238316	<u>C07C 67 /-</u>	<u>C07D 295 /-</u>	<u>C07D 417 /-</u>	2022249520	2022234150
<u>C05F 11 /-</u>	2022236947			2022257285	2022243260
2022219968	<u>C07C 9 /-</u>	<u>C07D 305 /-</u>	2022234402	<u>C07H 21 /-</u>	2022251523
<u>C05F 9 /-</u>	2022248671		2022244941		2022252997
2022219968	<u>C07D 207 /-</u>	<u>C07D 311 /-</u>	2022245411	2022234261	<u>C07K 4 /-</u>
<u>C05G 3 /-</u>	2022234774		2022252182		
2022238316		<u>C07D 305 /-</u>	<u>C07D 471 /-</u>	<u>C07H 3 /-</u>	2022235060
2022249520	<u>C07D 209 /-</u>				<u>C07K 5 /-</u>
<u>C07B 61 /-</u>	2022229037	2022233742	2022222472	2022257285	
2022248671	2022239961	2022234774	2022232625	<u>C07K 1 /-</u>	2022274309
<u>C07C 1 /-</u>	<u>C07D 211 /-</u>	<u>C07D 309 /-</u>	2022244941		<u>C07K 7 /-</u>
2022248671			2022247305	2022234150	
		<u>C07D 311 /-</u>	2022253373	2022244370	2021427595
			<u>C07D 473 /-</u>	<u>C07K 14 /-</u>	2022220252
		<u>C07D 311 /-</u>			2022242811
			2022237784	2022221660	2022243260
		<u>C07D 317 /-</u>	<u>C07D 487 /-</u>	2022228255	<u>C08B 15 /-</u>
				2022228674	
		<u>C07D 401 /-</u>	2021433713	2022230548	2022236947
			2022234314	2022231418	<u>C08B 37 /-</u>
		<u>C07D 401 /-</u>	2022237901	2022233019	
			2022244941	2022233737	2022243280
		<u>C07D 401 /-</u>	2022247305	2022234333	
			2022253373	2022234404	<u>C08F 226 /-</u>
		<u>C07D 403 /-</u>	<u>C07D 491 /-</u>	2022242858	
				2022245323	2021431510
				2022245366	<u>C08G 18 /-</u>
				2022246997	
				2022255166	
				<u>C07K 16 /-</u>	2022219018
					<u>C08G 69 /-</u>
				2021440029	
				2022216578	2022228229
				2022222423	
				2022222471	<u>C08H 8 /-</u>
				2022222686	
				2022222994	2022236947

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

C08J 11 /-	C09D 7 /-	2022218706	C12P 35 /-	C22C 45 /-	E01F 11 /-
2022229858	2022230465	2022220252	2022226407	2022250998	2022226600
2022236865	2022248430	2022221660	C12P 7 /-	C22F 1 /-	E01F 9 /-
2022241652	C09J 175 /-	202222327	2022236947	2022240957	2022226600
C08K 3 /-	2022234131	2022224054	C12Q 1 /-	C23C 22 /-	E02B 15 /-
2022228229	C09K 17 /-	2022224198	2021432315	2022230506	2022242747
2022230465	2022219968	2022227003	2021432587	C23C 28 /-	E02F 3 /-
2022248430	C09K 23 /-	2022227761	2022219607	2022230506	2022235263
C08K 5 /-	2022249520	2022230548	C12R 1 /-	C25B 1 /-	E02F 9 /-
2022228229	C10B 1 /-	2022231012	2022219607	2022228486	2022249217
C08K 7 /-	2021431092	2022233201	C13K 5 /-	2022230462	E03C 1 /-
2022228229	C10B 47 /-	2022234150	2022242760	2022236218	2022226414
C08L 101 /-	2021431092	2022237643	C21B 13 /-	2022236408	E03D 3 /-
2022248430	C10B 53 /-	2022245243	2022246136	2022237620	2022226414
C08L 77 /-	2021431092	2022245323	C21B 5 /-	2022245619	E03D 5 /-
2022228229	2022241652	2022245366	2022246136	2022247016	2022226414
C08L 95 /-	C10G 2 /-	2022248779	C21C 5 /-	2022275141	E04B 1 /-
2022234681	2022248671	2022249039	2022246136	C25B 11 /-	2022220762
C09B 11 /-	C10G 9 /-	2022250521	C21C 7 /-	2022228486	E04F 13 /-
2022234261	2022233249	2022252244	2022250998	2022236408	2022225718
C09B 15 /-	C10K 1 /-	2022253065	C22B 1 /-	2022245619	E04H 15 /-
2022234261	2021431092	2022253202	2022246136	2022245619	2022236931
C09B 23 /-	C10L 3 /-	2022256793	C22B 15 /-	C25B 9 /-	E04H 4 /-
2022234261	2022248671	2022264498	2022231806	2022230462	2022232750
C09B 23 /-	C11D 1 /-	C12N 5 /-	C22B 3 /-	2022236218	E21B 23 /-
2022234261	2022249520	2022216578	2022231806	2022275141	2022232362
C09D 1 /-	C11D 3 /-	2022224198	C22B 7 /-	C25B 3 /-	2022237787
2022214517	2022249520	2022226163	2022246136	2022236218	E21B 33 /-
C09D 107 /-	C12N 1 /-	2022234402	C22C 18 /-	2022245619	2021448382
2022214517	2022249520	2022237843	2022230506	2022275141	2022237787
C09D 109 /-	C12N 9 /-	2022245323	C22C 21 /-	D02G 3 /-	E21B 34 /-
2022214517	202222914	2022226407	2022240957	2022234866	2021450618
C09D 111 /-	2022224198	2022230548	C22C 33 /-	D03D 39 /-	2022232362
2022214517	2022243260	2022231012	2022236947	2022234866	E21B 43 /-
C09D 163 /-	2022244370	2022245366	D04H 1 /-	D04H 1 /-	2021450618
2022230465	2022248779	C12N 7 /-	2022226252	2022227740	2022232362
C09D 175 /-	2022258778	C12N 9 /-	D21C 3 /-	D21J 5 /-	E21C 41 /-
2022230465	C12N 11 /-	2021432764	2022236947	2021440972	2022232650
2022230465	2022236947	2022222327	D21J 5 /-	E01C 19 /-	
C09D 201 /-	C12N 13 /-	2022224054	2022236947		
2022248430	2022239484	2022234150	D21J 5 /-		
C09D 5 /-	C12N 15 /-	2022236947	2021440972		
2022230465	2021427595	2022242840	E01C 19 /-		
	2021432764	2022245243			
		2022245323			
		C12P 13 /-			
		2021432764			
		C12P 19 /-			
		2022244370			
		2022249520			
		C12P 21 /-			
		2022233201			
		2022234150			
		2022241910			
		2022244370			
		2022248779			

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

<u>E21D 9/-</u>	<u>F16M 13/-</u>	<u>F27B 3/-</u>	<u>G01N 30/-</u>	<u>G05D 16/-</u>	2022288746
2022232650	2018297383	2022250998	2022229628	2022263229	<u>G06Q 10/-</u>
2022265189					
<u>E21F 15/-</u>	<u>F21V 29/-</u>	<u>F27B 7/-</u>	<u>G01N 33/-</u>	<u>G05F 1/-</u>	2022231023
2022232650	2022219982	2021431092	2021432587	2022359312	2022237796
			2022229628		2022249162
<u>F01M 13/-</u>	<u>F21V 33/-</u>	<u>F41A 1/-</u>	2022237556	<u>G06F 1/-</u>	<u>G06Q 20/-</u>
2022235168	2022228240	2022249162	2022241654	2022232233	2021436671
			2022241910		
<u>F02M 35/-</u>	<u>F21W 131/-</u>	<u>F41C 33/-</u>	2022242858	<u>G06F 15/-</u>	<u>G06Q 30/-</u>
2022231195	2022245111	2022228340	2022253202	2022238820	2022234435
			2022309296		
<u>F03D 13/-</u>	<u>F23D 14/-</u>	<u>F41H 13/-</u>	<u>G01R 15/-</u>	<u>G06F 16/-</u>	<u>G06Q 40/-</u>
2021440513	2021463384	2021432943	2022238820	2022234435	2022254737
	2021464172			2022254737	
<u>F03D 17/-</u>	<u>F24C 3/-</u>	<u>G01B 11/-</u>	<u>G01R 19/-</u>	<u>G06F 17/-</u>	<u>G06Q 50/-</u>
2021432887	2022259414	2022231807	2022238820	2022222681	2022225210
				2022225169	2022231023
<u>F03D 7/-</u>	<u>F24F 1/-</u>	<u>G01B 3/-</u>	<u>G01R 27/-</u>		2022235419
2021432887	2022248100	2022256237	2022356974	<u>G06F 21/-</u>	2022237796
<u>F03D 80/-</u>	<u>F24F 13/-</u>	<u>G01B 5/-</u>	<u>G01R 31/-</u>	2021434319	<u>G06T 11/-</u>
2021432887	2022248100	2022256237	2022231348	2022218907	2022229178
		2022256951	2022240775	2022234783	
<u>F04B 35/-</u>	<u>F24H 1/-</u>	<u>G01C 21/-</u>	2022356974	2022242514	<u>G06T 15/-</u>
2022240798	2022232714	2022246173	2022417205	2022300907	2022246173
		2022249217			
<u>F04B 47/-</u>	<u>F24H 9/-</u>	<u>G01C 9/-</u>	<u>G01S 13/-</u>	<u>G06F 30/-</u>	<u>G06T 17/-</u>
2022240798	2022232714	2022241677	2021428610	2022416127	2022246173
			2022229178		
<u>F04D 13/-</u>	<u>F25B 43/-</u>	<u>G01D 5/-</u>	<u>G01S 17/-</u>	<u>G06F 40/-</u>	<u>G06T 7/-</u>
2022240798	2022235168	2022240406	2022231807	2022223275	2022219015
					2022225210
<u>F04D 17/-</u>	<u>F25J 3/-</u>	<u>G01F 1/-</u>	<u>G01S 5/-</u>	2021434516	2022231807
2022248100	2022267658	2022240406	2022259060	2022234783	2022246173
<u>F04D 25/-</u>	<u>F26B 11/-</u>	<u>G01F 11/-</u>	<u>G01S 7/-</u>	<u>G06F 9/-</u>	<u>G06T 9/-</u>
2022333529	2021431092	2022241160	2021437113	2022416127	2022432830
			2022256423		
<u>F04D 29/-</u>	<u>F26B 21/-</u>	<u>G01G 19/-</u>	<u>G01W 1/-</u>	<u>G06K 7/-</u>	2022288746
2022333529	2022408799	2022225210	2021428610	2022228468	<u>G06V 20/-</u>
<u>F16D 66/-</u>	<u>F26B 25/-</u>	<u>G01N 1/-</u>	<u>G02F 1/-</u>	<u>G06N 10/-</u>	2022231807
2021433397	2022232710	2022229628	2022266617	2022234400	2022237796
				2022238818	
<u>F16L 21/-</u>	<u>F26B 3/-</u>	<u>G01N 15/-</u>	<u>G05B 15/-</u>	<u>G06N 20/-</u>	<u>G07C 9/-</u>
2022254220	2022232710	2022239484	2022219149	2022219015	2022219149
	2022408799	2022263229		2022225210	2022228468
<u>F16L 47/-</u>	<u>F26B 7/-</u>	<u>G01N 21/-</u>	<u>G05B 23/-</u>	2022237796	2022238388
2022254220	2022408799	2021427656	2022225169	2022254737	2022240944
		2021435214			
<u>F16M 11/-</u>	<u>F26B 9/-</u>	2022233199	<u>G05D 1/-</u>	<u>G06N 3/-</u>	<u>G07D 7/-</u>
2022236252	2022408799	2022239484	2021428171	2022219015	2021311737
2022309296		2022309296	2022227763	2022229178	<u>G08B 13/-</u>
				2022234400	2022240944
				2022245140	
				2022254487	

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

<u>G08B 21 /-</u>	2022284888	2022237509		2023207949	2022259060
2022240944	<u>G16H 20 /-</u>	<u>H01P 1 /-</u>	<u>H02K 35 /-</u>	<u>H04L 67 /-</u>	<u>H04W 48 /-</u>
<u>G08G 1 /-</u>	2022245993	2021430757	2022228240	2022222985	2022245816
2022227763	<u>G16H 40 /-</u>	2022246634	<u>H02M 1 /-</u>	2022229086	<u>H04W 52 /-</u>
2022235419		<u>H01P 5 /-</u>	2022225010	2022234783	
<u>G09B 23 /-</u>	2022247140		<u>H02S 20 /-</u>	2022433628	2021442873
	2022248907	2022246634		<u>H04L 69 /-</u>	2022224945
2022247140	<u>G16H 50 /-</u>	<u>H01Q 1 /-</u>	2022247170	2022222985	<u>H04W 56 /-</u>
2022256237			<u>H02S 40 /-</u>	<u>H04L 7 /-</u>	2022234271
2022256951	2022237542	2021430757		2021447893	<u>H04W 64 /-</u>
<u>G09C 1 /-</u>	2022245993	2022232233	2022247170		
	2022284888	2022246634		<u>H04L 9 /-</u>	2022259060
2021436355	<u>G21F 9 /-</u>	2022256423	<u>H02S 50 /-</u>	2022218907	<u>H04W 72 /-</u>
<u>G09F 9 /-</u>	2022228695	2022259260	2021429680	2022234783	
		2022260770		2022300907	2021438879
2022232233	<u>G21G 1 /-</u>	<u>H01Q 21 /-</u>	<u>H03K 19 /-</u>		2022224945
			2022238820	<u>H04M 1 /-</u>	2022229086
<u>G10K 15 /-</u>	2022258983	2022246634			2022245639
		2022256423	<u>H03M 7 /-</u>	2022259260	2022251310
2022236301	<u>H01B 11 /-</u>	<u>H01Q 23 /-</u>		2022260770	<u>H04W 74 /-</u>
<u>G10L 13 /-</u>	2022225169		2022245140	<u>H04M 3 /-</u>	
		2021430757	2022432830		2021435427
2022217204	<u>H01B 9 /-</u>	<u>H01Q 3 /-</u>	<u>H03M 9 /-</u>	2022238729	2022247583
<u>G10L 15 /-</u>	2022225169	2021430757	2022432830	<u>H04N 13 /-</u>	<u>H04W 76 /-</u>
				2023207949	2021437223
2021463794	<u>H01C 7 /-</u>	<u>H01R 13 /-</u>	<u>H04B 10 /-</u>		
2022217204				<u>H04N 19 /-</u>	<u>H04W 84 /-</u>
	2022237342	2022225169	2022236757		
<u>G10L 25 /-</u>	<u>H01C 8 /-</u>	<u>H02H 1 /-</u>	<u>H04B 7 /-</u>	2022432830	2022234783
				2023207949	
2022231882	2022237342	2022231348	2021432631	<u>H04N 21 /-</u>	<u>H05B 1 /-</u>
<u>G11B 27 /-</u>	<u>H01F 1 /-</u>	<u>H02H 3 /-</u>	2021447893		2022232714
			2022245713	2021426850	
2022304524	2022244378	2022231348	2022251310	2022304524	<u>H05B 3 /-</u>
<u>G11C 13 /-</u>	<u>H01K 7 /-</u>	<u>H02H 7 /-</u>	2022257358	2022432830	
			<u>H04L 1 /-</u>		2022232714
2022245140	2022228240	2022231348		<u>H04N 5 /-</u>	<u>H05B 6 /-</u>
<u>G16B 15 /-</u>	<u>H01M 10 /-</u>	2022237342	2021447893	2022309296	
			2022228408		2022273382
2021441603	2022230462	<u>H02H 9 /-</u>	2022245639	<u>H04N 7 /-</u>	2022275095
<u>G16B 20 /-</u>	2022237509	2022237342	2022250568		
	2022240775		<u>H04L 12 /-</u>	2022304524	<u>H05K 5 /-</u>
2022240733	2022267584	<u>H02J 13 /-</u>			2022259260
<u>G16B 25 /-</u>	<u>H01M 12 /-</u>		2022249038	<u>H04W 12 /-</u>	
		2022228354	<u>H04L 27 /-</u>	2021431870	<u>H05K 7 /-</u>
2022240733	2022237509	<u>H02J 3 /-</u>		<u>H04W 28 /-</u>	2022256423
<u>G16B 30 /-</u>	<u>H01M 4 /-</u>		2022224945		
		2022225010	<u>H04L 41 /-</u>	2021434516	
2022249734	2022237509	2022228354		2021442873	
		2022359312	2022246592	2022235126	
<u>G16B 40 /-</u>	<u>H01M 50 /-</u>	2022417205	<u>H04L 5 /-</u>	<u>H04W 36 /-</u>	
		<u>H02J 50 /-</u>			
2021441603	2022256560		2022251310	2021442873	
2022240733	2022421756	2022232750	<u>H04L 61 /-</u>	2022245816	
<u>G16B 50 /-</u>	<u>H01M 6 /-</u>	<u>H02J 7 /-</u>		<u>H04W 4 /-</u>	
			2022222985		
2021441603	2022237509	2022240775	<u>H04L 65 /-</u>	2021437226	
<u>G16H 10 /-</u>	<u>H01M 8 /-</u>	2022267584		2022219149	
		2022356974	2022304524	2022238729	
2022231023	2021438644	2022417205			

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 (54) Graphene membranes and methods for making graphene membranes
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B01D 71/02 (2006.01)
B01D 67/00 (2006.01)
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 (74) AJ Pietras IP Limited

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 (54) Peel and place dressing for thick exudate and instillation
 (51) Int. Cl.
A61F 13/00 (2006.01)
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A61M 1/00 (2006.01)
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 (54) Reduced-pressure treatment systems with reservoir control
 (51) Int. Cl.
A61M 1/00 (2006.01)
 (43) 10.02.2022
 (44) 28.09.2023
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A61B 5/00 (2006.01)
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G01J 3/14 (2006.01)
G01J 3/18 (2006.01)
G01V 8/12 (2006.01)
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C07C 67/03 (2006.01)
C08G 63/91 (2006.01)
C08J 11/24 (2006.01)
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F16D 7/08 (2006.01)
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C07D 213/74 (2006.01)
A61K 31/44 (2006.01)
A61P 31/18 (2006.01)
C07D 213/81 (2006.01)
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 (51) Int. Cl.
A61K 31/40 (2006.01)
A61K 31/4178 (2006.01)
A61K 31/439 (2006.01)
A61K 31/454 (2006.01)
A61K 31/473 (2006.01)
A61K 31/496 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/573 (2006.01)
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A61K 31/426 (2006.01)
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A61P 25/00 (2006.01)
A61P 37/00 (2006.01)
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 (54) Shaping an ophthalmic lens

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B29D 11/00 (2006.01)
B29C 51/42 (2006.01)
B29C 65/00 (2006.01)
B32B 37/00 (2006.01)
B32B 37/12 (2006.01)
(87) WO2021/198822
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KIN, Jed; ERLICHMAN, Amir; COHEN,
Roy; BAR EREZ, Arye
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- (71) AddOn Optics Ltd.
(11) AU-B-2022215264
(21) 2022215264 (22) 11.08.2022
(54) Shaping an ophthalmic lens
(51) Int. Cl.
B29C 51/42 (2006.01)
B29C 65/00 (2006.01)
B29C 65/50 (2006.01)
B29D 11/00 (2006.01)
B32B 37/00 (2006.01)
B32B 37/12 (2006.01)
B29C 65/48 (2006.01)
B29L 11/00 (2006.01)
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KIN, Jed; ERLICHMAN, Amir; COHEN,
Roy; BAR EREZ, Arye
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treatment a movement disorder
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A61K 31/4747 (2006.01)
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A61P 25/14 (2006.01)
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in the treatment a movement disorder
(51) Int. Cl.
A61K 31/4747 (2006.01)
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A61K 45/06 (2006.01)
A61P 25/14 (2006.01)
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C07C 291/04 (2006.01)
A61Q 1/00 (2006.01)
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C11D 1/00 (2006.01)
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 A61L 27/22 (2006.01)
 A61L 27/24 (2006.01)
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B41J 11/00 (2006.01)
B65H 5/06 (2006.01)
B65H 7/20 (2006.01)
B65H 23/02 (2006.01)
B65H 29/20 (2006.01)
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F04D 25/12 (2006.01)
F24F 5/00 (2006.01)
F24F 7/007 (2006.01)
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C22B 3/20 (2006.01)
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C22B 15/00 (2006.01)
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F03B 17/06 (2006.01)
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F24S 25/12 (2018.01)
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C07D 405/14 (2006.01)
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A61K 31/404 (2006.01)
A61P 35/00 (2006.01)
C07C 215/48 (2006.01)
C07D 209/12 (2006.01)
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2016354440	The Children's Hospital of Philadelphia; The Government of The United States of America as represented by the Secretary of the Department of the Health and Human Services	2018239257	The United States of America, as represented by the Secretary, Department of Health and Human Services
2016365834	Regeneron Pharmaceuticals, Inc.	2018240854	Kobayashi Pharmaceutical Co., Ltd.
2016430607	7108789 Manitoba Inc.	2018241940	Adeptio Pharmaceuticals Limited
2016434982	Electrolux Appliances Aktiebolag	2018242134	Adeptio Pharmaceuticals Limited
2017219747	Seagen Inc.	2018248738	THUR S.R.L.
2017231845	The University of Birmingham	2018250491	The Boeing Company
2017234528	Lanier Biotherapeutics, Inc.; Shimkets, R.; Jackson, C.; Bartlett, N.; Vincent, T.; Luo, Y.	2018250802	University of Maryland, College Park
2017256517	BASF Plant Science Company GmbH	2018251009	BPW Bergische Achsen KG
2017268382	Voyager Therapeutics, Inc.	2018251617	Mattec Pty Ltd
2017268631	Otis Elevator Company	2018257483	AlgoTherapeutix
2017284198	The University of North Carolina at Chapel Hill	2018258842	Fiberight Limited
2017289304	Serturmer Corp.; Intrexon Corporation	2018258930	Carlsberg Breweries A/S
2017310258	Cooper, D.; Wee, J.	2018260535	The Medical Research, Infrastructure and Health Services Fund of the Tel Aviv Medical Center
2017327684	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	2018264580	Casale SA
2017331340	Delpor, Inc.	2018265584	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.; Ludwig-Maximilians-Universität München
2017337753	Valo Therapeutics Oy	2018277017	Artisan Vehicle Systems Inc.
2017342262	Al Therapeutics, Inc.	2018279078	Trustees of Boston University
2017346438	B2B Cosmetics	2018282163	3M Innovative Properties Company
2017348369	Geneoscopy, Inc.	2018283781	Janssen Pharmaceutica NV
2017352661	Genovie AB	2018283818	GB Progetti S.r.l.
2017354899	Acacia Pharma Limited	2018288256	Laboratorios Salvat, S.A.
2017355235	Geladaki, V.	2018288445	Alcon Inc.
2017355375	The NanoSteel Company, Inc.	2018292272	A&E Advanced Closure Systems, LLC
2017361381	Ecolab USA Inc.	2018292424	The Royal Institution for The Advancement of Learning/McGill University
2017362344	Magic Leap, Inc.	2018293037	Casale SA
2017363321	Klotho Therapeutics, Inc.	2018293509	Capbran Holdings, LLC
2017369741	Miles, S.	2018293549	Innovgas Pty Ltd
2017378250	MAKO Surgical Corp.	2018293550	Commonwealth Scientific and Industrial Research Organisation
2017381865	Fisher & Paykel Healthcare Limited	2018293625	Druck- und Spritzgußwerk Hettich GmbH & Co. KG
2017397420	Fire Curtains, Inc.	2018294239	Encore Medical, L.P. (d/b/a DJO Surgical)
2017413263	Cyber Surgery, S.L.	2018294559	université Paris Cité; Centre National de la Recherche Scientifique (CNRS); Genethon
2017425222	IDEX Europe GmbH	2018294623	Commissariat a l'Energie Atomique et aux Energies Alternatives
2017426891	Halliburton Energy Services, Inc.	2018295561	Clean Powr Pty Ltd
2017433191	Halliburton Energy Services, Inc.	2018297394	SHARP, D.
2017435338	General Mills, Inc.	2018299914	Nuance Energy Group, Inc.
2017443673	Halliburton Energy Services, Inc.	2018300211	Kass Bathroom Products Limited
2017443695	LumaCyte LLC	2018300215	Kass Bathroom Products Limited
2018200616	Australian Brushware Corporation Pty Ltd	2018301162	FNV IP B.V.
2018202186	Johnson & Johnson Consumer Inc.	2018301281	AMS Trace Metals, Inc.
2018202327	Otis Elevator Company	2018304008	American Sterilizer Company
2018202726	Otis Elevator Company	2018304297	Weatherford Technology Holdings, LLC
2018203547	BISSELL Inc.	2018304298	Weatherford Technology Holdings, LLC
2018203596	Oticon Medical A/S	2018305148	Albert-Ludwigs-Universität Freiburg; Queen Mary University of London
2018205718	Codexis, Inc.	2018306438	Temple University - of the Commonwealth System of Higher Education
2018206475	GeoRoc International, Inc.	2018307307	Toppa Printing Co., Ltd.
2018206725	Medtronic Holding Company Sàrl	2018309664	Stepan Company
2018207402	Alkermes, Inc.	2018312815	Spinn Holding B.V.
2018210353	Route 92 Medical, Inc.	2018313823	The Board of Trustees of the Leland Stanford Junior University
2018210748	Temasek Life Sciences Laboratory Limited	2018314171	Laitram, L.L.C.
2018210853	Children's Medical Center Corporation; Ospedale San Raffaele S.r.l.; Dana-Farber Cancer Institute, Inc.	2018314962	Amoeba
2018214248	Petainer Large Container IP Limited	2018315235	Oldfield, A.
2018215714	IN & TEC S.r.l.	2018315509	Terno Scorrevoli S.p.a. Unipersonale; Ballotta, N.
2018217081	Notarize, Inc.	2018316225	St. Jude Medical, Cardiology Division, Inc.
2018222356	Haldor Topsøe A/S	2018318197	Old Dominion University Research Foundation
2018223231	ZeroScar Pty Ltd	2018319529	Dishman Carbogen Amcis Ltd.
2018225731	Stryker Corporation	2018320419	Sprint Bioscience AB
2018226144	AmorePacific Corporation		
2018226611	4DMedical Limited; Cedars-Sinai Medical Centre		
2018227711	The Coca-Cola Company		
2018229716	Hydrostor Inc.		
2018233109	Actelion Pharmaceuticals Ltd		
2018233162	Sealls Pty Ltd		

Applications Accepted - Numerical Index cont'd

2018323065	Seeley International Pty Ltd	2020245298	ReCarbon, Inc.
2018327734	Ishihara Sangyo Kaisha, Ltd.; Sumitomo Chemical Company, Limited	2020247107	Assa Abloy AB
2018333297	9449710 Canada Inc.	2020249785	Kalium Health Ltd
2018341454	The Regents of the University of California	2020251673	Hinova Pharmaceuticals Inc.
2018342995	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	2020256365	Pfizer Inc.
2018345296	Tellus You Care, Inc.	2020256598	Yunjing Intelligence Technology (Dongguan) Co., Ltd.
2018348713	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2020256609	Beijing Wehand-Bio Pharmaceutical Co., Ltd.; Institute of Materia Medica, Chinese Academy of Medical Science & Peking Union Medical College
2018355721	Chr. Hansen A/S	2020258443	Lazurite Holdings LLC
2018356538	Nouscom AG	2020258915	Aligned Genetics, Inc.
2018360879	Andrzejewski, J.	2020262366	CJ Cheiljedang Corporation
2018366747	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2020262424	Xuanzhu Biopharmaceutical Co., Ltd.; Beijing Xuanzhu Combio Co., Ltd.
2018375093	DuPont Safety & Construction, Inc.	2020266483	Simpson Strong-Tie Company Inc.
2018386167	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2020272530	Construction Robotics GmbH
2018386312	Radio Systems Corporation	2020274148	Xiamen Fengtao Ceramics Co., Ltd
2018403506	SICPA HOLDING SA	2020274407	Suzhou Four Health Pharmaceuticals Co., Ltd
2018440799	SAF-Holland, Inc.	2020274773	Xiamen Fengtao Ceramics Co., Ltd
2019204107	CNH Industrial America LLC	2020274987	American Express Travel Related Services Co., Inc.
2019207332	MetrioPharm AG	2020282801	Ecolab USA Inc.
2019210129	Radius Pharmaceuticals, Inc.	2020284371	Rheinmetall Waffe Munition GmbH
2019212306	NuVech Solutions Limited	2020287671	The Procter & Gamble Company
2019214347	Ripple Therapeutics Corporation	2020288770	Liang, P.
2019216597	LEMMEN, J.A.J.; VAN DOREMAELE, M.G.M.	2020288977	Telefonaktiebolaget LM Ericsson (Publ)
2019226718	University College Cardiff Consultants Limited	2020289456	Nanoear Corporation, Inc.
2019231476	Samsung Electronics Co., Ltd.	2020294454	Northrop Grumman Systems Corporation
2019247533	ALTOS LABS, INC.	2020294577	Yang, K.
2019250507	Qurient Co., Ltd.; Lead Discovery Center GmbH	2020299589	Natural Fiber Welding, Inc.
2019253187	Microsoft Technology Licensing, LLC	2020301629	Nicoventures Trading Limited
2019253486	De La Rue International Limited	2020308523	Webasto SE
2019257260	Microsoft Technology Licensing, LLC	2020308605	Nicoventures Trading Limited
2019260757	Krystal Biotech, Inc.	2020309996	LG Electronics Inc.
2019269175	PerkinElmer Scientific Canada ULC	2020314717	Firestone Industrial Products Company, LLC
2019282560	The United States of America, as represented by The Secretary, Department of Health and Human Services	2020318643	LG Electronics Inc.
2019289289	IQInvestments Corporation Pty Ltd	2020319189	Kuchimanchi, V.S.S.S.; Kuchimanchi, V.
2019295438	2599218 Ontario Inc.	2020319631	Spont, B.
2019300102	Abivax; Centre National De La Recherche Scientifique; Universite de Montpellier; Institut Curie	2020322423	LG Electronics Inc.
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2019316263	Dematic Corp.	2020328375	LG Electronics Inc.
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2019373373	Les Laboratoires Servier; Novartis AG	2020333841	Shell Internationale Research Maatschappij B.V.
2019377859	DSM IP Assets, B.V.; Kaleido Biosciences, Inc.	2020338904	Touchstone International Medical Science Co., Ltd.
2019416349	Les Laboratoires Servier	2020340558	Delica AG
2019431238	Guangzhou Magpie Pharmaceuticals Co., Ltd.	2020350507	MJNN LLC
2019437767	LG Electronics Inc.	2020354107	Hangzhou Hikvision Digital Technology Co., Ltd.
2019440385	FJ Dynamics Technology Co., Ltd	2020362010	L&K Biomed Co., Ltd.
2019450376	Lin, M.	2020363503	Xinjiang Goldwind Science & Technology Co., Ltd.
2019453287	Immivira Co., Limited	2020369165	Wonderland Switzerland AG
2019455916	NUC Electronics Co., Ltd.	2020369448	The Hilliard Corporation
2019455937	General Electric Company	2020375514	CJ Cheiljedang Corporation
2019473368	KORID ENERGY CO.,LTD; Australia VRFB ESS Company Pty Ltd	2020380151	ViaLase, Inc.
2019474415	Inotech Kunststofftechnik GmbH	2020380641	AUGA Group, AB
2019476320	Google LLC	2020381806	Zhejiang Chint Electrics Co.,Ltd.
2019479118	Hill's Pet Nutrition, Inc.	2020390732	Microport Neurotech (Shanghai) Co., Ltd.
2020203889	Republic Brands L.P.	2020390962	ZAI LAB (SHANGHAI) CO., LTD
2020226393	Schlage Lock Company LLC	2020394624	Capital One Services, LLC
2020226864	Integrated DNA Technologies, Inc.	2020394745	Merit Technologies (Fu Jian) Co., Ltd.
2020233210	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.	2020398384	eps Event Holding GmbH
2020235034	Nicoventures Trading Limited	2020404293	Beijing Bytedance Network Technology Co., Ltd.
2020235412	Nicoventures Trading Limited	2020404878	Boston Engineering Corporation
2020241005	Canon Kabushiki Kaisha	2020406662	OCCYO GmbH
2020241222	Caterpillar Inc.	2020407211	PRC-DeSoto International, Inc.
2020241507	Tencent America LLC	2020412678	Beckman Coulter, Inc.
2020241843	Vergesense, Inc.	2020421070	Mitsubishi Electric Corporation
		2020421503	Weber-Stephen Products LLC
		2020421572	Weber-Stephen Products LLC
		2020427646	Mitsubishi Electric Corporation
		2020430939	Mitsubishi Electric Corporation
		2020431079	Mitsubishi Electric Corporation

Applications Accepted - Numerical Index cont'd

2020431615	Mitsubishi Electric Corporation	2021277705	Mitsubishi Electric Corporation
2020431826	Mitsubishi Electric Corporation	2021282478	Air Products and Chemicals, Inc.
2020436769	Hinge Health, Inc.	2021289742	Dolby Laboratories Licensing Corporation; Dolby International AB
2020442003	Sichuan Baili Pharmaceutical Co., Ltd		Pfizer Inc.
2020444184	Hitachi Industrial Products, Ltd.	2021301417	China Coal Technology and Engineering Group Taiyuan Institute; Shanxi Tiandi Coal Mining Machinery Co., Ltd.
2020455722	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2021311338	Huawei Technologies Co., Ltd.
		2021311430	Caterpillar Inc.
2021200117	TWi Biotechnology, Inc.	2021311598	PayPal, Inc.
2021201890	Nextremity Solutions, Inc.	2021336308	BEIJING CENTURY TAL EDUCATION TECHNOLOGY CO., LTD.
2021201895	Nextremity Solutions, Inc.	2021336957	DAIKIN INDUSTRIES, LTD.
2021202176	KID-Systeme GmbH		WAVETAMER LLC
2021202223	The United States of America, as represented by the Secretary, Department of Health and Human Services		AUSNUTRIA B.V.
			Mizkan Holdings Co., Ltd.
2021202627	LIFETIME PRODUCTS, INC.	2021353150	Tai Yuan Research Institute of China Coal Technology & Engineering Group; Shanxi Tiandi Coal Mining Machinery Co., Ltd.
2021202628	W.L. Gore & Associates, Inc.	2021353490	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
2021203371	DEKA Products Limited Partnership	2021395887	Arla Foods Amba
2021204200	Fisher and Paykel Healthcare Limited	2021415575	3M Innovative Properties Company
2021204314	Source Global, PBC	2021416459	IDEXX Laboratories Inc.
2021204766	DraftKings, Inc.		University of Ottawa
2021206016	ES · FOR · IN SE	2022200098	CRICUT, INC.
2021209222	DEKA Products Limited Partnership		Owens-Brockway Glass Container Inc.
2021209276	Group One Limited	2022200202	NAVICO HOLDING AS
2021213737	Paige.AI, Inc.	2022200244	QINGDAO UNIVERSITY OF TECHNOLOGY; IK GUJRAL PUNJAB TECHNICAL UNIVERSITY
2021214831	AdvanSix Resins & Chemicals LLC	2022200534	Exo Imaging, Inc.
2021215174	ModernaTX, Inc.	2022200696	CHENG, H.; HUANG, S.
2021215228	SCHREDER	2022200753	Google LLC
2021215241	MediSieve Ltd	2022200912	Synova Life Sciences, Inc.
2021221860	Chairman, Defence Research & Development Organisation	2022200921	Datt Life Science Private Limited
		2022201195	Depuy Ireland Unlimited Company
2021221909	BIOCONIX PTY LTD.		Graco Minnesota Inc.
2021223231	Memjet Technology Limited	2022201206	VANDA PHARMACEUTICALS INC.
2021225244	The Board of Regents of the University of Texas System	2022201400	FUJIFILM Business Innovation Corp.
		2022201819	Howmedica Osteonics Corp.
2021225572	NTT DOCOMO, INC.	2022201872	CROWN EQUIPMENT CORPORATION
2021226658	Pan, J.	2022201887	JANOME Corporation
2021229255	Neutron Therapeutics, Inc.; Park Jr., W.; Lambert, M.; Gillespie, J.; Smick, N.; Sakase, T.	2022202058	The NOCO Company
		2022202098	Pulnovo Medical (Wuxi) Co., Ltd.
2021232833	Sage Therapeutics, Inc.	2022202183	Panasonic Intellectual Property Corporation of America
2021232843	Milwaukee Electric Tool Corporation	2022202197	Huawei Technologies Co., Ltd.
2021235367	Komatsu Ltd.	2022202353	Daon Technology
2021237392	PayPal, Inc.	2022202357	OpenTV, Inc.
2021244092	Omniceil, Inc.	2022202464	MAKO Surgical Corp.
2021245164	Beijing Baidu Netcom Science Technology Co., Ltd.	2022202497	Toshiba Energy Systems & Solutions Corporation
2021245195	Wayne State University	2022202710	RECHNER Industrie-Elektronik GmbH
2021250718	AddOn Optics Ltd.	2022202880	CDx Medical IP, Inc.
2021250923	ICENTIA INC.	2022202896	Lensar, Inc.
2021250955	ConMed Corporation	2022203880	CARMICHAEL, T.
2021250992	Poseida Therapeutics, Inc.	2022204578	AddOn Optics Ltd.
2021251058	Tencent America LLC	2022204868	TAS Medical Inc.
2021254509	Alnylam Pharmaceuticals, Inc.	2022204916	F. Hoffmann-La Roche AG
2021254514	Angel Group Co., Ltd.	2022209212	Lam, T.T.
2021254533	Equinix, Inc.	2022209237	Jetti Resources, LLC
2021254632	Clean Planet Inc.	2022209256	Annoroad Gene Technology (Beijing) Co., Ltd
2021254642	Canon Kabushiki Kaisha	2022211184	Apple Inc.
2021257937	CHAO, Y.	2022215264	NBR HOLDINGS PTY LTD
2021258073	MEDACTA INTERNATIONAL SA	2022215271	Samsung Electronics Co., Ltd.
2021258077	MEDACTA INTERNATIONAL SA	2022218486	Framy Inc.
2021258082	MEDACTA INTERNATIONAL SA	2022218536	Apple Inc.
2021259814	PharmaBlock Sciences (Nanjing), Inc.	2022218577	AUDOO LIMITED
2021261953	Printed Energy Pty Ltd	2022218581	Motorola Solutions, Inc.
2021263900	Tolli, W.	2022218608	Ascendis Pharma Bone Diseases A/S
2021266318	Applied Medical Resources Corporation	2022229176	Lakewood Amedex, Inc.
2021269281	CRRC Changchun Railway Vehicles Co., Ltd.	2022231791	Patriot Campers Holdings Pty Ltd
2021269399	Canon Kabushiki Kaisha	2022235522	Schneider Electric Industries SAS
2021269415	CRRC Changchun Railway Vehicles Co., Ltd.	2022235622	ISWIRL PTY LTD
2021269418	LG ELECTRONICS INC.	2022242856	
2021270863	Solar Dynamics LLC	2022252799	
2021273513	Ho, H.M.M.	2022256158	
2021274269	Yamaha Hatsudoki Kabushiki Kaisha	2022256175	
2021274705	PayPal, Inc.	2022283698	
2021277578	mAbsolve Limited	2022291643	
2021277629	Dendra Systems Ltd	2022348882	

Applications Accepted - Numerical Index cont'd

2022374191	Husqvarna AB
2023200867	Apple Inc.
2023201235	Google LLC
2023203015	VAST SOLAR PTY LTD
2023203942	Dolby International AB

IPC Index

<u>A01C 7 /-</u>	2018355721	<u>A24D 1 /-</u>	<u>A47J 27 /-</u>	<u>A61B 5 /-</u>	2018202186
2021277629	<u>A23C 9 /-</u>	2020235412	2019455916	2018226611	2018207402
<u>A01D 34 /-</u>	2018355721	<u>A24F 40 /-</u>	<u>A47J 31 /-</u>	2018345296	2018210748
2022200202	2022200202	2020235034	2018312815	2020323478	2018210853
2019204107	<u>A23D 7 /-</u>	2020235412	<u>A47J 36 /-</u>	2021204200	2018223231
<u>A01D 41 /-</u>	2017435338	2020274773	2020421572	2021221909	2018233109
2019440385	<u>A23F 3 /-</u>	2020301629	<u>A47J 37 /-</u>	2021250923	2018239257
<u>A01D 45 /-</u>	2020340558	<u>A24F 47 /-</u>	<u>A47J 37 /-</u>	<u>A61B 8 /-</u>	2018241940
2020350507	<u>A23F 5 /-</u>	2020235034	2020421503	2022201206	2018257483
<u>A01G 18 /-</u>	2020340558	2020274148	2020421572	<u>A61B 90 /-</u>	2018260535
2019216597	<u>A23G 9 /-</u>	<u>A42B 3 /-</u>	2021202627	2017413263	2018265584
<u>A01G 31 /-</u>	2018227711	2021274269	<u>A47J 43 /-</u>	<u>A61F 13 /-</u>	2018283781
2020350507	<u>A23J 3 /-</u>	<u>A44C 21 /-</u>	2018293509	2018282163	2018288256
<u>A01H 1 /-</u>	2020375514	2021254514	2019455916	<u>A61F 2 /-</u>	2018320419
2017289304	<u>A23K 10 /-</u>	<u>A45C 13 /-</u>	2020328375	2019416349	2018341454
2017327684	2018251617	2020394745	<u>A47K 13 /-</u>	2019207332	2019210129
2018342995	<u>A23K 20 /-</u>	<u>A45C 5 /-</u>	2018300211	2019226718	2019226718
<u>A01H 5 /-</u>	2018251617	2020394745	2018300215	2019260757	2019300102
2017289304	2018251617	<u>A45D 34 /-</u>	<u>A47L 11 /-</u>	2019373373	2019416349
2017327684	2019377859	2017346438	2018203547	2019431238	2020251673
2018342995	2019479118	<u>A46B 15 /-</u>	2020256598	2020251673	2020274407
<u>A01H 6 /-</u>	<u>A23K 40 /-</u>	2020287671	2020322423	2020362010	2020288770
2018342995	2018251617	<u>A46B 9 /-</u>	<u>A47L 9 /-</u>	2021202628	2020390962
<u>A01N 25 /-</u>	<u>A23K 50 /-</u>	2020287671	2018203547	2021221909	2020390962
2020282801	2018251617	<u>A46B 17 /-</u>	2020256598	2022202353	2021200117
<u>A01N 37 /-</u>	2019479118	2020287671	2020322423	<u>A61F 5 /-</u>	2021215174
2018327734	<u>A23L 19 /-</u>	<u>A46D 1 /-</u>	2018203547	2021273513	2021225244
2020282801	2021415575	2020287671	2019437767	<u>A61F 6 /-</u>	2021232833
<u>A01N 43 /-</u>	<u>A23L 27 /-</u>	<u>A46B 9 /-</u>	2020318643	2020294577	2021254509
2018327734	2018355721	2020287671	2020322423	<u>A61F 9 /-</u>	2021259814
<u>A01N 57 /-</u>	<u>A23L 29 /-</u>	<u>A46B 15 /-</u>	<u>A61B 17 /-</u>	2018288445	2021301417
2022256175	2018355721	2020287671	2017413263	2020380151	2022202183
<u>A01N 63 /-</u>	<u>A23L 33 /-</u>	<u>A46D 1 /-</u>	2018206725	2022209256	2022218486
2018210853	2019377859	2020287671	2018225731	<u>A61G 13 /-</u>	2022256175
2018314962	2021395887	<u>A47B 47 /-</u>	2018292272	2021258073	<u>A61K 35 /-</u>
<u>A01P 3 /-</u>	2022200202	2022283698	2018316225	2021258077	2019260757
2018327734	<u>A23L 5 /-</u>	<u>A47B 57 /-</u>	2020338904	2021258082	2019453287
<u>A21D 2 /-</u>	2021415575	2020362010	2020362010	<u>A61K 36 /-</u>	2020256365
2021415575	<u>A23L 7 /-</u>	2020390732	2021201890	2016348786	2020256609
<u>A23C 19 /-</u>	2017435338	2021201890	2021201895	<u>A61K 38 /-</u>	2016365834
		2021250955	2021250955	2019289289	2017234528
		2022202058	2022202058	2021273513	2017363321
		2022215271	2022215271	<u>A61H 31 /-</u>	2018223231
		<u>A61B 18 /-</u>	<u>A61B 18 /-</u>	2019474415	<u>A61K 39 /-</u>
		2018318197	2018318197	<u>A61J 1 /-</u>	2016354440
		2022202710	2022202710	2018304008	2017219747
		2022209256	2022209256	<u>A61K 31 /-</u>	2017234528
		<u>A61B 3 /-</u>	<u>A61B 3 /-</u>	2017284198	2017337753
		2018288445	2018288445	2017331340	2017363321
		2020406662	2020406662	2017342262	2018356538
		<u>A61B 34 /-</u>	<u>A61B 34 /-</u>	2017354899	2020256365
		2022204868	2022204868	2017355235	<u>A61K 45 /-</u>
					2017219747
					2017342262

Applications Accepted - IPC Index cont'd

2017354899	<u>A61M 5/-</u>	2020390962	<u>B01D 17/-</u>		2022215264
2018241940		2020442003		<u>B23H 3/-</u>	<u>B29L 11/-</u>
2018242134	2021203371	2021202223	2017443673	2018301281	
<u>A61K 47/-</u>	<u>A61N 1/-</u>	2021259814	<u>B01D 53/-</u>		2022215264
2017331340	2018203596	2021277578		<u>B23K 101/-</u>	<u>B32B 17/-</u>
2018202186	2020323478	2021301417	2018222356	2018251009	2017397420
2018210748	2022202710	2022202183	2020333841		
2018288256		<u>A61P 37/-</u>	<u>B01D 67/-</u>	<u>B23K 26/-</u>	<u>B32B 25/-</u>
2019214347	<u>A61N 5/-</u>	2018233109		2017355375	2020299589
2019373373	2021229255	2019207332	2019295438	2018251009	
2020442003		2019250507	<u>B01D 69/-</u>	2018293550	<u>B32B 27/-</u>
2021225244	<u>A61P 1/-</u>	2021259814		<u>B23K 37/-</u>	2018375093
2021277578	2017354899	2021301417	2018293550		
2022200696	2021232833	<u>A61P 41/-</u>	<u>B01D 71/-</u>	2018293550	<u>B32B 37/-</u>
2022256158		2018223231		<u>B23Q 11/-</u>	2018375093
<u>A61K 48/-</u>	<u>A61P 15/-</u>	<u>A61P 43/-</u>	2019295438	2018293509	2021250718
2017284198	2017355235	2016365834	<u>B01J 29/-</u>	2022201195	2022215264
<u>A61K 8/-</u>	<u>A61P 17/-</u>	<u>A61P 5/-</u>	2020333841	<u>B25B 23/-</u>	<u>B32B 5/-</u>
2018226144	2018202186	2022256158	<u>B01J 35/-</u>	2018292272	2018375093
2022200696	<u>A61P 25/-</u>	<u>A61P 9/-</u>	2020333841	<u>B25G 1/-</u>	2020299589
<u>A61K 9/-</u>	2017331340	2018283781	<u>B01J 8/-</u>	2018283818	<u>B32B 7/-</u>
2017331340	2017342262	2019431238		<u>B25J 11/-</u>	2018375093
2018210748	2018207402	2021259814	<u>B01L 3/-</u>	2019437767	<u>B33Y 80/-</u>
2018257483	2018233109	<u>A61Q 1/-</u>	2020412678	2020322423	2017355375
2018288256	2018241940	2021214831	<u>B03D 1/-</u>	<u>B25J 19/-</u>	<u>B41F 15/-</u>
2018305148	2018242134	<u>A61Q 19/-</u>	2019348733	2020322423	2018403506
2019214347	2018260535	2018226144	<u>B05B 1/-</u>	<u>B25J 9/-</u>	<u>B41F 27/-</u>
2019431238	2019226718	<u>A61Q 5/-</u>	2018323065	2017378250	2018403506
2020256609	2019479118	2021214831	<u>B05B 15/-</u>	2019437767	<u>B41J 11/-</u>
2021202628	2021232833	<u>A62C 27/-</u>	2022202098	2020322423	2022202197
2021215174	<u>A61P 29/-</u>	2017425222	<u>B05B 5/-</u>	<u>B27K 1/-</u>	<u>B41J 13/-</u>
2022200696	2018257483	<u>A61Q 5/-</u>	2022201195	2018250802	<u>B41J 13/-</u>
<u>A61L 27/-</u>	2019250507	2021214831	<u>B05B 9/-</u>	2018250802	<u>B41J 2/-</u>
2019214347	2021259814	<u>A62C 31/-</u>	2018323065	2017378250	2021223231
2020329917	<u>A61P 3/-</u>	2017425222	<u>B05B 15/-</u>	2019437767	2022202197
2021221909	2018320419	<u>A62C 37/-</u>	2022202098	2020322423	<u>B41J 11/-</u>
2022200696	<u>A61P 31/-</u>	2017425222	<u>B05B 5/-</u>	<u>B27K 1/-</u>	2022202197
2022201887	2018239257	<u>A62C 31/-</u>	2022201195	2018250802	<u>B41J 13/-</u>
<u>A61M 1/-</u>	2019250507	2017425222	<u>B05B 9/-</u>	2018250802	<u>B41J 2/-</u>
2018234981	2019300102	<u>A62C 37/-</u>	2018323065	2017378250	2021223231
2018282163	2021259814	2017425222	<u>B05B 15/-</u>	2019437767	2022202197
2021215241	2022218486	<u>A62D 3/-</u>	2022202098	2020322423	<u>B41M 3/-</u>
2022200244	2022256175	2018200616	<u>B05C 1/-</u>	2017397420	<u>B41M 3/-</u>
<u>A61M 16/-</u>	<u>A61P 35/-</u>	<u>B05C 17/-</u>	2018200616	<u>B28B 3/-</u>	2018403506
2017381865	2016354440	2018200616	<u>B05C 9/-</u>	2017397420	<u>B42D 25/-</u>
2018293549	2018210748	<u>A63B 22/-</u>	2022202098	2018250802	2018403506
2021204200	2018265584	2019289289	<u>B05C 17/-</u>	<u>B27N 9/-</u>	2021223231
<u>A61M 25/-</u>	2018320419	<u>A63B 69/-</u>	2022202098	2017397420	2022202197
2018210353	2018341454	2020319631	<u>B05C 1/-</u>	2018250802	<u>B41M 3/-</u>
<u>A61M 31/-</u>	2019210129	<u>A63B 71/-</u>	2018200616	2018250802	2018403506
2021202628	2019250507	2021209276	<u>B05C 17/-</u>	2017397420	<u>B42D 25/-</u>
<u>A61M 35/-</u>	2019373373	2021209276	2018200616	<u>B29C 51/-</u>	2018307307
2018240854	2019416349		<u>B05D 3/-</u>	2021250718	2018403506
	2020251673		2018403506	2022215264	2019253486
	2020256365		<u>B09B 3/-</u>	<u>B29C 65/-</u>	<u>B60B 35/-</u>
	2020256609		2018206475	2021250718	2018251009
	2020274407		<u>B09B 5/-</u>	2022215264	<u>B60G 11/-</u>
			2018206475	<u>B29D 11/-</u>	2020314717
				2021250718	

Applications Accepted - IPC Index cont'd

<u>B60J 7 /-</u>		<u>B65D 85 /-</u>	<u>B67D 1 /-</u>	2019210129	2019210129
2020308523	<u>B63B 19 /-</u>	2020203889	2018214248		2021259814
	2020308523	2020340558	2018227711	<u>C07D 211 /-</u>	<u>C07D 413 /-</u>
<u>B60K 1 /-</u>				2021215174	
2021311598	<u>B63B 22 /-</u>	<u>B65D 88 /-</u>	<u>B81B 1 /-</u>		2018320419
	2020404878	2018229716	2017443695	<u>C07D 213 /-</u>	2019226718
<u>B60K 6 /-</u>				2018319529	2019247533
2021311598	<u>B63B 23 /-</u>	<u>B65D 90 /-</u>	<u>B82Y 10 /-</u>	2019300102	2020251673
	2018233162	2017361381	2021245164	<u>C07D 231 /-</u>	2021259814
<u>B60P 3 /-</u>				2020251673	<u>C07D 417 /-</u>
2018233162	<u>B63B 35 /-</u>	<u>B65G 1 /-</u>	<u>C01B 17 /-</u>		
	2018233162	2019316263	2022218577	<u>C07D 237 /-</u>	<u>C07D 471 /-</u>
<u>B60Q 1 /-</u>	2022218536	2021244092		2019207332	2019416349
2019212306	<u>B63B 39 /-</u>	<u>B65G 15 /-</u>	<u>C01B 21 /-</u>	<u>C07D 239 /-</u>	2020274407
	2021353490	2018297394	2018293037		2021259814
<u>B60R 1 /-</u>		2018314171	<u>C01B 23 /-</u>	2018341454	<u>C07D 473 /-</u>
2017369741	<u>B63C 3 /-</u>		2018293037	<u>C07D 245 /-</u>	2020390962
<u>B60R 21 /-</u>		<u>B65G 39 /-</u>		2022218486	<u>C07D 487 /-</u>
2019212306	2018233162	2018314171	<u>C01B 3 /-</u>	<u>C07D 261 /-</u>	
	<u>B64C 39 /-</u>		2018293550		2019210129
<u>B60S 9 /-</u>	2021277629	<u>B65G 5 /-</u>	2021221860	2020251673	2019250507
2018440799	<u>B64G 1 /-</u>	2018229716	<u>C01G 11 /-</u>	<u>C07D 295 /-</u>	2019416349
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<u>B60T 13 /-</u>		2017361381		2021215174	2021301417
2019440385	<u>B65B 5 /-</u>		<u>C01G 3 /-</u>	<u>C07D 313 /-</u>	<u>C07D 491 /-</u>
2021269281	2019316263	<u>B65H 23 /-</u>	2022218577		2020442003
<u>B60T 17 /-</u>		2022202197	<u>C01G 53 /-</u>	2019210129	<u>C07D 498 /-</u>
2021269281	<u>B65D 1 /-</u>	<u>B65H 29 /-</u>	2022218577	<u>C07D 317 /-</u>	2020251673
	2022200912	2022202197	<u>C07C 215 /-</u>	2018341454	<u>C07D 519 /-</u>
<u>B60T 7 /-</u>	<u>B65D 21 /-</u>	<u>B65H 5 /-</u>	2019210129	<u>C07D 319 /-</u>	2019250507
2019440385	2022200912	2022202197		2018341454	2020390962
<u>B60T 8 /-</u>	<u>B65D 41 /-</u>	<u>B65H 7 /-</u>	<u>C07C 221 /-</u>	<u>C07D 321 /-</u>	<u>C07F 5 /-</u>
2021269281	2019450376	2022202197	2019282560	2018341454	2020274407
<u>B60W 10 /-</u>	<u>B65D 47 /-</u>	<u>B66B 11 /-</u>	<u>C07C 225 /-</u>	<u>C07D 333 /-</u>	<u>C07H 15 /-</u>
2021311598	2017361381	2017268631	2019282560	2019210129	2020288770
<u>B61F 1 /-</u>	2021226658		<u>C07C 291 /-</u>	<u>C07D 401 /-</u>	<u>C07H 19 /-</u>
2021269415	<u>B65D 50 /-</u>	<u>B66B 15 /-</u>	2021214831		2022256175
	2018240854	2017268631	<u>C07C 321 /-</u>	2019226718	
<u>B62B 7 /-</u>				2019247533	<u>C07H 21 /-</u>
2020369165	<u>B65D 51 /-</u>	<u>B66B 7 /-</u>	2021225244	2019300102	
	2018258930	2018202327	<u>C07C 65 /-</u>	2020251673	2017268382
<u>B62B 9 /-</u>		2018202726		2020274407	2021254509
2020369165	<u>B65D 65 /-</u>	<u>B66C 1 /-</u>	2021200117	2021259814	<u>C07H 3 /-</u>
	2020340558	2018233162	<u>C07C 66 /-</u>	<u>C07D 403 /-</u>	2019377859
<u>B62D 1 /-</u>				2019226718	
2022202357	<u>B65D 77 /-</u>	<u>B66C 13 /-</u>	2021200117	2019247533	<u>C07J 5 /-</u>
	2022200912	2020272530	<u>C07C 67 /-</u>	2020251673	2019214347
<u>B62D 21 /-</u>			2018333297	<u>C07D 405 /-</u>	
2020380641	<u>B65D 83 /-</u>	<u>B66F 9 /-</u>		2021259814	<u>C07J 75 /-</u>
	2020203889	2022202357	<u>C07D 209 /-</u>	<u>C07D 409 /-</u>	2019214347
<u>B62D 55 /-</u>					
2020241222					

Applications Accepted - IPC Index cont'd

<u>C07J 9/-</u>	<u>C10L 9/-</u>	<u>C12P 19/-</u>	<u>D05B 1/-</u>	<u>E05F 3/-</u>	<u>F03D 3/-</u>
2020288770 2021232833	2019348733	2018258842 2018309664	2022202464	2018293625	2022348882
<u>C07K 14/-</u>	<u>C11D 1/-</u>	<u>C12P 21/-</u>	<u>D05B 61/-</u>	<u>E05F 5/-</u>	<u>F03D 7/-</u>
2017289304 2017352661 2017363321 2018342995 2018356538 2020262366 2020262424 2021245195 2022256158	2021214831	2016354440 2018205718	2022202464	2018293625	2021263900
<u>C07K 16/-</u>	<u>C12M 1/-</u>	<u>C12P 7/-</u>	<u>D06C 15/-</u>	<u>E06B 11/-</u>	<u>F03D 9/-</u>
2016354440 2017219747 2017234528 2020256365 2021277578	2018294559 2022201872	2018355721 2020319189	2022200753	2020398384	2020363503 2021263900 2022218536
<u>C07K 19/-</u>	<u>C12M 3/-</u>	<u>C12Q 1/-</u>	<u>D06C 23/-</u>	<u>E21B 17/-</u>	<u>F03G 3/-</u>
2016354440 2017219747 2017234528 2020256365 2021277578	2022201887	2017231845 2017327684 2017348369 2020412678 2021395887	2022200753	2018304297 2018304298	2018295561
<u>C08C 19/-</u>	<u>C12N 1/-</u>	<u>C12R 1/-</u>	<u>D06F 33/-</u>	<u>E21B 19/-</u>	<u>F03G 7/-</u>
2020299589	2017289304 2018309664 2018355721 2020319189 2021250992	2018355721	2016434982	2018304297 2018304298	2018295561 2022218536
<u>C08G 63/-</u>	<u>C12N 15/-</u>	<u>C22B 15/-</u>	<u>D06Q 1/-</u>	<u>E21B 33/-</u>	<u>F04D 25/-</u>
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<u>C09D 11/-</u>	<u>C12N 5/-</u>	<u>C22B 17/-</u>	<u>D07B 1/-</u>	<u>E21B 34/-</u>	<u>F04D 29/-</u>
2018403506	2017289304 2017352661 2018356538 2021202223 2021250992 2022201872 2022201887	2022218577	2017268631	2017426891	2021277705
<u>C09D 183/-</u>	<u>C12N 7/-</u>	<u>C22B 23/-</u>	<u>D21C 3/-</u>	<u>E21B 43/-</u>	<u>F16B 12/-</u>
2020407211	2017337753 2019453287	2022218577	2018250802	2017426891	2017310258
<u>C09D 5/-</u>	<u>C12N 9/-</u>	<u>C22C 3/-</u>	<u>E01F 13/-</u>	<u>E21B 49/-</u>	<u>F16B 13/-</u>
2020407211	2016365834 2017256517 2017289304 2018205718 2020226864 2020262366 2020375514 2021250992	2022218577	2020398384	2020404878	2018300211 2018300215
<u>C09J 5/-</u>	<u>C12P 13/-</u>	<u>C22C 38/-</u>	<u>E02D 3/-</u>	<u>E21B 7/-</u>	<u>F16B 2/-</u>
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<u>C09K 8/-</u>	<u>D01F 6/-</u>	<u>C25B 1/-</u>	<u>E02F 9/-</u>	<u>E21C 25/-</u>	<u>F16B 25/-</u>
2017433191	2019214347	2022204916	2021235367	2021311338	2021257937
<u>C10J 3/-</u>	<u>D03C 19/-</u>	<u>C25B 9/-</u>	<u>E04B 1/-</u>	<u>E21C 31/-</u>	<u>F16B 47/-</u>
2021282478	2021221909	2022204916	2017397420	2021311338	2018300215
<u>C10L 5/-</u>		<u>C25C 1/-</u>	<u>E04C 2/-</u>	<u>F02C 6/-</u>	<u>F16B 9/-</u>
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		<u>C25D 3/-</u>	<u>E04H 9/-</u>	<u>F02N 11/-</u>	<u>F16C 13/-</u>
		2018301281	2020266483 2022211184	2022202497	2018314171
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		2018301281	2020394745	2022218536	2019300410
		<u>D01F 6/-</u>	<u>E05B 7/-</u>	<u>F03B 17/-</u>	<u>F16C 3/-</u>
		2019214347	2020226393	2022218536	2018251009
		<u>D03C 19/-</u>	<u>E05D 15/-</u>	<u>F03D 15/-</u>	<u>F16C 33/-</u>
		2021221909	2018315509	2021263900	2019300410
			<u>E05F 15/-</u>		<u>F16D 27/-</u>
			2018215714		2020369448

Applications Accepted - IPC Index cont'd

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F24F 11 /-	2022209212				

Applications Accepted - IPC Index cont'd

2018360879	2022291643	<u>H02K 1 /-</u>	<u>H03G 7 /-</u>	2020289456
<u>G09G 5 /-</u>	<u>H01H 50 /-</u>	2020430939		2022201400
2017362344	2022291643	2020431615	2022242856	<u>H04R 25 /-</u>
<u>G10K 11 /-</u>	<u>H01H 51 /-</u>	2021232843	<u>H04B 10 /-</u>	2020289456
2022201400	2022291643	<u>H02K 11 /-</u>	2018301162	<u>H04S 3 /-</u>
<u>G10L 13 /-</u>	<u>H01H 71 /-</u>	2021232843	<u>H04B 7 /-</u>	2020233210
2021336957	2020381806	<u>H02K 15 /-</u>	2019350780	<u>H04W 16 /-</u>
<u>G10L 15 /-</u>	<u>H01J 37 /-</u>	2020444184	2022202880	2022202880
2021336957	2020245298	2020455722	<u>H04L 1 /-</u>	<u>H04W 28 /-</u>
<u>G10L 19 /-</u>	<u>H01L 31 /-</u>	<u>H02K 3 /-</u>	2020329459	2021225572
2020233210	2018301162	2020455722	2022231791	<u>H04W 4 /-</u>
2023203942	2022200098	<u>H02K 35 /-</u>	<u>H04L 12 /-</u>	2021225572
<u>G10L 21 /-</u>	<u>H01M 10 /-</u>	2018294623	2019350780	2022235522
2021289742	2018277017	<u>H02K 5 /-</u>	<u>H04L 27 /-</u>	<u>H04W 40 /-</u>
2023203942	2021232843	2020431826	2022231791	2021311430
<u>G10L 25 /-</u>	<u>H01M 12 /-</u>	<u>H02K 53 /-</u>	<u>H04L 41 /-</u>	<u>H04W 64 /-</u>
2021336957	2018313823	2018295561	2020288977	2018386312
<u>G16B 20 /-</u>	<u>H01M 4 /-</u>	<u>H02K 7 /-</u>	<u>H04L 67 /-</u>	<u>H04W 72 /-</u>
2022218581	2018313823	2018295561	2021254533	2018366747
<u>G16H 20 /-</u>	2021261953	2021353490	2022235522	2021225572
2021209222	<u>H01M 6 /-</u>	<u>H02M 7 /-</u>	<u>H04L 9 /-</u>	2022231791
<u>G16H 40 /-</u>	2022202497	2020301629	2018217081	<u>H04W 84 /-</u>
2021209222	<u>H01M 8 /-</u>	2021232843	2021237392	2022202880
2021244092	2018313823	<u>H02P 27 /-</u>	<u>H04M 1 /-</u>	<u>H04W 92 /-</u>
<u>G16H 50 /-</u>	2019473368	2021232843	2022201400	2021225572
2021209222	2021221860	<u>H02S 20 /-</u>	<u>H04N 13 /-</u>	<u>H05B 47 /-</u>
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<u>G21F 9 /-</u>	<u>H02J 1 /-</u>	2021270863	2021269399	<u>H05B 6 /-</u>
2018206475	2023203015	2022229176	<u>H04N 19 /-</u>	2020235034
<u>G21K 1 /-</u>	<u>H02J 13 /-</u>	<u>H02S 30 /-</u>	2018348713	2020301629
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<u>G21K 5 /-</u>	2023203015	2022229176	2020354107	<u>H05H 1 /-</u>
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<u>H01G 9 /-</u>	2021353150	<u>H03F 3 /-</u>	<u>H04N 21 /-</u>	<u>H05H 6 /-</u>
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<u>H01H 13 /-</u>	<u>H02J 4 /-</u>	<u>H03G 11 /-</u>	2021204766	<u>H05K 5 /-</u>
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<u>H01H 3 /-</u>	<u>H02J 7 /-</u>	<u>H03G 3 /-</u>	<u>H04N 5 /-</u>	
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	2021232843	<u>H03G 5 /-</u>	<u>H04N 7 /-</u>	
	2022202497	2020233210	2022252799	
			<u>H04R 1 /-</u>	

Certified Innovation Patents

Name Index

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

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- | | |
|--|---|
| <p>(71) A & J AUSTRALIA PTY LTD
 (11) AU-B-2020103221
 (21) 2020103221 (22) 04.11.2020
 (54) A RECYCLABLE PAIL DRUM FOR USE WITH A REPLACEABLE LID
 (51) Int. Cl.
 <i>B65D 1/16</i> (2006.01)
 <i>B65D 21/02</i> (2006.01)
 <i>B65D 25/32</i> (2006.01)
 <i>B65D 43/02</i> (2006.01)
 <i>B65D 43/06</i> (2006.01)
 <i>B65D 47/02</i> (2006.01)
 <i>B65D 47/12</i> (2006.01)
 <i>B65D 47/32</i> (2006.01)
 <i>B65D 55/02</i> (2006.01)
 <i>B65D 55/06</i> (2006.01)
 (45) 28.09.2023
 (72) YU, Andrew
 (74) Baxter Patent Attorneys Pty Ltd</p> | <p>(45) 28.09.2023
 (62) 2023201945
 (72) UCHIDA, Yukio; ATSUMI, Naoya; TANI, Shinki; OKADA, Koji; MURAI, Yuta; CAOIMHIN, Arnott
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS</p> |
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|---|--|
| <p>(71) Fantom Hardware Pty Ltd
 (11) AU-B-2023100071
 (21) 2023100071 (22) 28.07.2023
 (54) A door stop
 (51) Int. Cl.
 <i>E05C 17/56</i> (2006.01)
 <i>E05C 19/16</i> (2006.01)
 (45) 28.09.2023
 (62) 2022100147
 (72) Sellar, Mark Andrew; Lush, Kylie Jane; Lush, Clayton Steve
 (74) BRM Patent Attorneys Pty Ltd</p> | <p>(71) Vision Composite Products, LLC
 (11) AU-B-2023100027
 (21) 2023100027 (22) 15.03.2023
 (54) TWO PIECE WHEEL
 (51) Int. Cl.
 <i>B60B 25/00</i> (2006.01)
 <i>B60B 5/02</i> (2006.01)
 <i>B60B 25/12</i> (2006.01)
 <i>B60B 25/22</i> (2006.01)
 (45) 28.09.2023
 (62) 2022100029
 (72) Dudley, Alan; Mathew, John P.; Hall, Nick
 (74) PHILLIPS ORMONDE FITZPATRICK</p> |
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|--|--|
| <p>(71) Kumiai Chemical Industry Co., Ltd.
 (11) AU-B-2023100061
 (21) 2023100061 (22) 30.06.2023
 (54) Process for producing herbicide and intermediate thereof
 (51) Int. Cl.
 <i>C07D 413/12</i> (2006.01)
 <i>C07B 61/00</i> (2006.01)
 (45) 28.09.2023
 (62) 2023201945
 (72) UCHIDA, Yukio; ATSUMI, Naoya; TANI, Shinki; OKADA, Koji; MURAI, Yuta; CAOIMHIN, Arnott
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS</p> | |
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- | | |
|--|--|
| <p>(71) Kumiai Chemical Industry Co., Ltd.
 (11) AU-B-2023100062
 (21) 2023100062 (22) 30.06.2023
 (54) Process for producing herbicide and intermediate thereof
 (51) Int. Cl.
 <i>C07D 413/12</i> (2006.01)
 <i>C07B 61/00</i> (2006.01)</p> | |
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Numerical Index

2020103221 A & J AUSTRALIA PTY LTD
2023100027 Vision Composite Products, LLC
2023100061 Kumiai Chemical Industry Co., Ltd.
2023100062 Kumiai Chemical Industry Co., Ltd.
2023100071 Fantom Hardware Pty Ltd

IPC Index

B60B 25 /-

2023100027

B60B 5 /-

2023100027

B65D 1 /-

2020103221

B65D 21 /-

2020103221

B65D 25 /-

2020103221

B65D 43 /-

2020103221

B65D 47 /-

2020103221

B65D 55 /-

2020103221

C07B 61 /-

2023100061
2023100062

C07D 413 /-

2023100061
2023100062

E05C 17 /-

2023100071

E05C 19 /-

2023100071

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2023201549 **Pipe Ex Pty Ltd** (iGas Operations Pty Ltd,)
- 2023201549 **Pipe Ex Pty Ltd** (Phoenix Energy Services Pty Ltd)

Patents Granted

Standard Patents

2016273838	2016311441	2016340764	2016353339
2016365338	2016366226	2016369612	2016411102
2016421657	2017202233	2017216846	2017222653
2017227608	2017240761	2017246480	2017250358
2017254772	2017262377	2017262817	2017275650
2017278033	2017291630	2017294152	2017294307
2017294979	2017296127	2017302615	2017308864
2017310513	2017314153	2017321184	2017326752
2017328274	2017329061	2017337080	2017338625
2017341825	2017350844	2017351204	2017351750
2017351917	2017357804	2017360396	2017364344
2017366779	2017367044	2017369971	2017371467
2017371552	2017372597	2017375565	2017376391
2017376799	2017378120	2017380401	2017380834
2017382873	2017383081	2017386370	2017388222
2017398645	2017435222	2017439376	2017443712
2017443974	2018200045	2018200432	2018200690
2018202033	2018202306	2018206876	2018207266
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2018217011	2018218545	2018220193	2018220953
2018222998	2018223169	2018224752	2018225083
2018227532	2018227583	2018228293	2018229814
2018232853	2018235246	2018235277	2018240513
2018240521	2018246441	2018248265	2018248869
2018248902	2018255337	2018256383	2018258089
2018259017	2018263600	2018268096	2018268928
2018272814	2018273513	2018276317	2018276417
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2018286648	2018287437	2018290774	2018292459
2018293302	2018297314	2018302253	2018304548
2018305648	2018310111	2018311366	2018313692
2018315055	2018322492	2018326667	2018328056
2018337086	2018351527	2018359248	2018363059
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2018373514	2018374588	2018384620	2018385595
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2018435341	2019200430	2019203590	2019205921
2019209351	2019210208	2019212026	2019221543
2019229697	2019236017	2019243665	2019247230
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2019270181	2019282542	2019300911	2019320791
2019323401	2019343426	2019365214	2019382644
2019396415	2019400523	2019400942	2019404727
2019405497	2019413141	2019413221	2019416157
2019416610	2019422343	2019426286	2019427806
2019428237	2019430421	2019432052	2019434963
2019443559	2019457225	2019459423	2019461161
2019467754	2020203129	2020209692	2020210392
2020213583	2020214083	2020220142	2020220191
2020223761	2020224880	2020230272	2020233914
2020235190	2020238572	2020240496	2020241242
2020242010	2020243911	2020244532	2020244614
2020245387	2020245498	2020248049	2020254817
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2020265711	2020268909	2020271278	2020271663
2020272747	2020281137	2020282212	2020286015
2020291520	2020294288	2020297440	2020297844
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Patents Granted

Standard Patents

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2020337801	2020339175	2020339538	2020345889
2020347357	2020352532	2020352901	2020352977
2020375559	2020384849	2020385619	2020386528
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2020415875	2020418382	2020418421	2020419017
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2021200721	2021201092	2021201812	2021202004
2021202248	2021202453	2021202767	2021202889
2021203002	2021203573	2021203736	2021203761
2021203778	2021203844	2021203924	2021204012
2021204014	2021204026	2021204197	2021204307
2021204395	2021204416	2021205057	2021205135
2021206814	2021206849	2021209185	2021209334
2021211973	2021211985	2021212091	2021212092
2021212136	2021215163	2021215227	2021218138
2021220750	2021221493	2021221726	2021229136
2021229158	2021229263	2021230801	2021231326
2021232662	2021232664	2021232747	2021233529
2021236470	2021250850	2021250904	2021253796
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2021269311	2021272674	2021273553	2021273561
2021273601	2021275207	2021277609	2021278382
2021281375	2021286328	2021288223	2021289542
2021290244	2021290414	2021310476	2021313044
2021327950	2021331464	2021334790	2021350787
2021352409	2021430345	2022200101	2022200172
2022200716	2022201116	2022201416	2022201532
2022201580	2022201631	2022202324	2022202368
2022203299	2022204065	2022204692	2022211802
2022224773	2022259780	2022331910	2023201133
2023201145	2023202160		

Innovation Patents

- 2023100078 2023100079

Revocation

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2009313302 which was advertised in the Official Journal of 03.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2010212490 which was advertised in the Official Journal of 03.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2011200385 which was advertised in the Official Journal of 03.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2011201462 which was advertised in the Official Journal of 03.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **van der Nest, N.** to surrender Patent 2017101005 which was advertised in the Official Journal of 20.07.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

- 2008355033 Dasso Industrial Group Co., Ltd. The patent has been assigned to **Dasso International Inc.**

Assignments Registered

2011205042 Prodrone Designs Pty Ltd The patent has been assigned to **Alchin Long Group IP Pty Limited**

2014304566 Westfaelische Wilhelms-Universitaet Muenster The patent has been assigned to **Clinuvel Pharmaceuticals Limited**

2014305758 The Chemours Company FC, LLC The patent has been assigned to **PureTech Scientific LLC**

2014305760 The Chemours Company FC, LLC The patent has been assigned to **PureTech Scientific LLC**

2014398171 Solidsvac Pty Ltd The patent has been assigned to **Solidsvac Pty Ltd**

2015222590 Lepu Medical Technology (Beijing) Co., Ltd. The patent has been assigned to **Beijing Braves Medicine Research Co. Ltd**

2016240396 Polemaster Pty Ltd The patent has been assigned to **Falkenhagen, Eric**

2016279383 Tamai, Osamu The patent has been assigned to **Sancho Co., Ltd.**

2017330165 Robur Attachments Limited The patent has been assigned to **Attach2 Limited**

2020210306 Solidsvac Pty Ltd The patent has been assigned to **Solidsvac Pty Ltd**

2021104739 Solidsvac Pty Ltd The patent has been assigned to **Solidsvac Pty 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.

2016348402 **Blueprint Medicines Corporation**

The earliest first regulatory approval date provided by the patentee 04 Apr 2023

For the goods GAVRETO pralsetinib

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.

2017268651 **Pfizer Inc.**

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

For the goods Prevenar 20 pneumococcal purified capsular polysaccharides

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

Extensions granted

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

2007317817 **Cara Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 10 Nov 2022

For the goods KORSUVA difelikefalin (as acetate)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

Extension of Term of patent pursuant to Section 77 expires on 12 Nov 2032

Corrigenda

In Vol 57 , No 32 , Page(s) 4743 under the heading **Applications Accepted - Name Index** Under the name Quantum-Si Incorporated, Application No. 2019205383, under INID (72) correct the co-inventor to GORYAYNOV, Alexander

In Vol 57 , No 34 , Page(s) 4911 under the heading **Complete Applications Filed - Name Index** Under the name Worthdown Pty Ltd atf Australia C Trust, Application No. 2023216857, under INID (71) correct the applicant name to Worthdown Pty Ltd

In Vol 57 , No 37 , Page(s) 5301 under the heading **Assignments Before Grant, Section 113 - 2018** Under the name Zerostar Pty Ltd, Application No. 2018223231, under INID (71) correct the applicant name to ZeroScar Pty Ltd

Specifications Republished

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

2017382934	BASF SE
2017417888	N.V. Nutricia
2019432401	Anipha Technologies Pty Ltd
2020243787	Asclepius (Suzhou) Technology Company Group Co., Ltd.
2021264298	Dong-A ST Co., Ltd.
2021400054	COOPERVISION INTERNATIONAL LIMITED
2022215615	NEW YORK UNIVERSITY; THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO
2022217778	ALLEN INSTITUTE
2022238446	10X GENOMICS, INC.
2022256158	Ascendis Pharma Bone Diseases A/S

Advertisement in the Official Journal of Patents

1. ToolGen Incorporated, by way of interlocutory application filed in Federal Court of Australia Proceeding Number NSD1909/2018, intends to apply pursuant to s 105 of the *Patents Act 1990* (Cth) to amend the claims of Australian Patent No. 2013335451.
2. For the particulars of the amendment sought, see the attached proposed claim amendments (clean and marked up copies provided).
3. The Appellant/Cross-Respondent's address for service is: Jones Day, Level 41, 88 Phillip Street, Sydney NSW 2000.
4. A person intending to oppose the application who is not a party to the proceeding must, within 28 days after publication of the advertisement, give written notice of that intention to the Commissioner of Patents and each party to the proceeding.

AMENDED CLAIMS

1. A method of introducing a site-specific, double stranded break at a target nucleic acid sequence in a eukaryotic cell, the method comprising introducing into the eukaryotic cell a Type II Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR)/Cas system, wherein the CRISPR/Cas system comprises:

a) a nucleic acid encoding a Cas9 polypeptide derived from *Streptococcus pyogenes* that contains a nuclear localization signal and recognizes a 5'-NGG-3' trinucleotide protospacer adjacent motif (PAM), wherein the nucleic acid is codon-optimized for expression in eukaryotic cells; and

b) an *in vitro* transcribed sg RNA (+48) derived from *Streptococcus pyogenes* that hybridizes to the target nucleic acid, wherein the guide RNA is a chimeric guide RNA comprising a CRISPR RNA (crRNA) portion fused to a trans activating crRNA (tracrRNA) portion, wherein the target nucleic acid sequence comprises a first strand that binds to the crRNA portion and a second strand having a 5'-NGG-3' PAM,

and wherein the Cas9 polypeptide and the guide RNA form a Cas9/RNA complex in the eukaryotic cell, whereby a site specific, double stranded break at the target nucleic acid sequence is introduced.

2. The method of claim 1 wherein the eukaryotic cell is a mammalian cell.

3. The method of claim 2 wherein the mammalian cell is a human cell.

4. The method of any one of claims 1 -3 wherein the target nucleic acid sequence is a genomic sequence located at its endogenous site in the genome of the eukaryotic cell.

5. The method of any one of claims 1-4 wherein said guide RNA comprises 2 additional guanine nucleotides at the 5' end.

AMENDED CLAIMS

- ~~1. A composition comprising a Type II Clustered Regularly Interspaced Short-Palindromic Repeats (CRISPR)/Cas system for use in introducing a site-specific, double-stranded break at a target nucleic acid sequence in a eukaryotic cell, said CRISPR/Cas system comprising (i) a nucleic acid encoding a Cas9 polypeptide comprising a nuclear-localization sequence, and (ii) a nucleic acid encoding a guide RNA that hybridizes to a target nucleic acid, wherein the guide RNA is a chimeric guide RNA comprising a CRISPR RNA (crRNA) portion fused to a trans-activating crRNA (tracrRNA) portion.~~
- ~~2. The composition of claim 1, wherein said Cas9 polypeptide is a *Streptococcus* Cas9 polypeptide.~~
- ~~3. The composition of claim 2, wherein said Cas9 polypeptide is a *Streptococcus pyogenes* Cas9 polypeptide.~~
- ~~4. The composition of any one of claims 1-3, wherein said nucleic acid encoding a Cas9 polypeptide is codon-optimized for expression in eukaryotic cells.~~
- ~~5. The composition of claim 4, wherein said nucleic acid encoding a Cas9 polypeptide is codon-optimized for expression in mammalian cells.~~
- ~~6. The composition of any one of claims 1-5, wherein said nuclear-localization sequence is located at the C-terminus of the Cas9 polypeptide.~~
- ~~7. The composition of any one of claims 1-5, wherein the target nucleic acid is an endogenous target nucleic acid.~~
- ~~8. The composition of any one of claims 1-5, wherein the guide RNA is in the form of a vector.~~
- ~~9. The composition of any one of claims 1-5, wherein said guide RNA comprises 2-additional guanine nucleotides at the 5'-end.~~

~~10.1.~~ A method of introducing a site-specific, double-stranded break at a target nucleic acid sequence in a eukaryotic cell, the method comprising introducing into the eukaryotic cell a Type II Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR)/Cas system, wherein the CRISPR/Cas system comprises:

a) a nucleic acid encoding a Cas9 polypeptide derived from *Streptococcus pyogenes* comprising that contains a nuclear localization signal, and recognizes a 5'-NGG-3' trinucleotide protospacer adjacent motif (PAM), wherein the nucleic acid is codon-optimized for expression in eukaryotic cells; ~~and~~

b) ~~a nucleic acid encoding a guide RNA an *in vitro* transcribed sg RNA (+48)~~ derived from *Streptococcus pyogenes* that hybridizes to the target nucleic acid, wherein the guide RNA is a chimeric guide RNA comprising a CRISPR RNA (crRNA) portion fused to a trans activating crRNA (tracrRNA) portion, wherein the target nucleic acid sequence comprises a first strand that binds to the crRNA portion and a second strand having a trinucleotide protospacer adjacent motif (PAM), 5'-NGG-3' PAM,

and wherein the Cas9 polypeptide and the guide RNA form a Cas9/RNA complex in the eukaryotic cell, whereby a site-specific, double-stranded break at the target nucleic acid sequence is introduced.

~~11. The method of claim 10, wherein the Cas9 polypeptide is a *Streptococcus* Cas9 polypeptide.~~

~~12. The method of claim 11, wherein the Cas9 polypeptide is a *Streptococcus pyogenes* Cas9 polypeptide.~~

~~13. The method of any one of claims 10-12, wherein the nucleic acid encoding the Cas9 polypeptide is codon-optimized for expression in mammalian cells.~~

~~14. The method of any one of claims 10-13, wherein the nuclear localization signal is located at the C terminus of the Cas9 polypeptide.~~

~~15.2.~~ The method of ~~any one of claim 10-14,~~ 1 wherein the eukaryotic cell is a mammalian cell.

~~16.3.~~ The method of claim ~~15,~~ 2 wherein the mammalian cell is a human cell.

~~17.4.~~ The method of any one of claims ~~10-16,~~ 3, wherein the target nucleic acid sequence is a genomic sequence located at its endogenous site in the genome of the eukaryotic cell.

~~18.~~ The method of any one of claims ~~10-16,~~ wherein the nucleic acid encoding the guide RNA is a vector.

~~19.~~ The method of any one of claims ~~10-16,~~ wherein the nucleic acid encoding the guide RNA is in vitro transcribed RNA.

~~20.5.~~ The method of any one of claims ~~10-16,~~ 1-4 wherein said guide RNA comprises 2 additional guanine nucleotides at the 5' end.

~~21.~~ The method of any one of claims ~~10-16,~~ wherein the nucleic acid encoding the Cas9 polypeptide is introduced into the eukaryotic cell before introducing the nucleic acid encoding the guide RNA into the eukaryotic cell.