



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	6159
Amendments Made	6160
Alteration of Name(s) of Applicant(s)/Patentee(s)	6161

Applications Accepted

Name Index	6237
Numerical Index	6278
IPC Index	6282

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	6155
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Applications Open to Public Inspection

Name Index	6164
Numerical Index	6178
IPC Index	6180

Assignments before Grant, Section 113	6157
---	------

Assignments Registered	6292
------------------------------	------

Certified Innovation Patents

Name Index	6289
Numerical Index	6290
IPC Index	6291

Complete Applications Filed

Name Index	6148
Numerical Index	6152

Corrigenda	6294
------------------	------

Extensions of Term of Standard Patents	6293
--	------

Extensions of Time, Section 223	6158
Innovation Patent Applications Filed	
Name Index	6153
Numerical Index	6154
Innovation Patents Open to Public Inspection	
Name Index	6182
Numerical Index	6183
IPC Index	6184
PCT applications which have entered the National Phase	
Name Index	6185
Numerical Index	6226
IPC Index	6230
Patents Granted	6292
Provisional Applications Filed	
Name Index	6144
Numerical Index	6147
Specifications Republished	6294

General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 17 Oct 2023 .

(71) 4RIVERS POWER ENGINEERING PTY LTD (21) 2023903345 (22) 20.10.2023 (54) IMPROVED POWER GENERATION APPARATUS	Australian National University see NewSouth Innovations Pty Limited (21) 2023903382	(71) Christensen, D. (21) 2023903397 (22) 25.10.2023 (54) EXERCISE MOTIVATION SYSTEM AND METHOD
(71) Abra Aluminium Pty Ltd (21) 2023903331 (22) 19.10.2023 (54) Energy conversion apparatus	(71) BENCHMARK EQUIPMENT PTY LTD (21) 2023903347 (22) 20.10.2023 (54) A FITNESS TRAINING BENCH	(71) Coglitore, C. (21) 2023903325 (22) 19.10.2023 (54) Voice Diagnose
(71) Asif, A. (21) 2023903368 (22) 23.10.2023 (54) Slaughter your Own LiveStock outside of your property	(71) Bionics Institute (21) 2023903339 (22) 19.10.2023 (54) Systems and methods for assessing hearing	(71) Coglitore, C. (21) 2023903326 (22) 19.10.2023 (54) Stockpay
Audeh, R. see Audeh, S. (21) 2023903364	(71) BLITZ SYSTEMS PTY LTD (21) 2023903378 (22) 23.10.2023 (54) Support Structure	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023903394 (22) 25.10.2023 (54) Water treatment
(71) Audeh, S.; Audeh, R. (21) 2023903364 (22) 21.10.2023 (54) Herbal mixtures, methods of making them and methods using them	(71) Carasel Holdings Pty Ltd (21) 2023903373 (22) 23.10.2023 (54) TRAILER	(71) Compumedics Medical Innovation Pty Ltd (21) 2023903337 (22) 19.10.2023 (54) Apparatus for Monitoring Physiological Signals
Audeh, R. see Audeh, S. (21) 2023903365	(71) Cavendish Renewable Technology Pty Ltd (21) 2023903366 (22) 21.10.2023 (54) ELECTROCHEMICAL CELLS	(71) Deakin University (21) 2023903340 (22) 19.10.2023 (54) Silicone recovery from solar panels and potential production of nanoparticle-hybrids
(71) Audeh, S.; Audeh, R. (21) 2023903365 (22) 21.10.2023 (54) Herbal mixtures	(71) Centenary Institute of Cancer Medicine and Cell Biology; Sydney Local Health District (21) 2023903370 (22) 23.10.2023 (54) Adeno-associated virus (AAV) receptors and uses therefor	(71) DOM Distribution Pty Ltd (21) 2023903381 (22) 23.10.2023 (54) A detachable dual-powered drive assist system kit
(71) Audima Labs Pty Ltd (21) 2023903336 (22) 19.10.2023 (54) Method and system of musical instrument digital interface	(71) chirva, n. (21) 2023903342 (22) 19.10.2023 (54) A work place safety device feature for a number of safety items ie fire extinguisher	(71) Dry Tail IP Pty Ltd (21) 2023903343 (22) 19.10.2023 (54) IMPROVED APPARATUS AND METHOD FOR MAGNETISING MATERIALS
(71) AURACAL PTY LTD (21) 2023903380 (22) 23.10.2023 (54) A VEHICLE FOR TRANSPORTING A LOAD		Dybing, S. see FONTERRA CO-OPERATIVE GROUP LIMITED

Provisional Applications Filed - Name Index cont'd

(21) 2023903344

(71) Envision Sciences Pty Ltd
(21) 2023903351 (22) 20.10.2023
(54) Antigen-binding Molecules and Uses Thereof

(71) Eudaemon Technologies Pty Ltd
(21) 2023903327 (22) 19.10.2023
(54) Modified Hydrogels

(71) Eudaemon Technologies Pty Ltd
(21) 2023903328 (22) 19.10.2023
(54) METHOD FOR IMPROVING THE PROPERTIES OF A HYDROGEL

Fasullo, S. see Fasullo, J.
(21) 2023903338

(71) Fasullo, J.; Fasullo, S.
(21) 2023903338 (22) 19.10.2023
(54) A DEVICE ADAPTED FOR GRASPING AND SECURING A CABLE

(71) Fink, D.
(21) 2023903353 (22) 20.10.2023
(54) clothes hanger with added functionality

(71) FONTERRA CO-OPERATIVE GROUP LIMITED; Hill, J.; Dybing, S.; Williams, L.
(21) 2023903344 (22) 20.10.2023
(54) APPARATUS AND METHOD FOR DE-COMPOSING GAS

(71) Formo Bio GmbH
(21) 2023903319 (22) 18.10.2023
(54) Scalable Process

(71) Frontal Cortex PTE LTD
(21) 2023903321 (22) 18.10.2023
(54) Recycled Composite Nano-Rods for Concrete Reinforcement

(71) Gazmick Pty Ltd
(21) 2023903388 (22) 24.10.2023
(54) Earth and Rock Energy Absorbing Stabiliser Members

(71) GLOMESH INTL PTY LTD
(21) 2023903379 (22) 23.10.2023
(54) A module for mounting items

(71) Griffith University
(21) 2023903317 (22) 18.10.2023
(54) Anti-cancer compounds and uses thereof

(71) Hendry, C.
(21) 2023903367 (22) 21.10.2023
(54) Improved Electric Coil

Hill, J. see FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2023903344

(71) HOLDEN, J.
(21) 2023903387 (22) 24.10.2023
(54) FITTING FOR BUILDING PANEL ASSEMBLIES

(71) HOPE, G.
(21) 2023903371 (22) 23.10.2023
(54) 4-WAY SOLAR TRACKER V2

(71) Hysential Pty Ltd
(21) 2023903332 (22) 19.10.2023
(54) Vented Container with Air Filter

(71) Imtrade Australia Pty Ltd
(21) 2023903374 (22) 23.10.2023
(54) Fenitrothion formulation

(71) INOVIQ Ltd
(21) 2023903359 (22) 20.10.2023
(54) Extracellular vesicle compositions and uses thereof

(71) INSPECTINGSMART PTY LIMITED
(21) 2023903334 (22) 19.10.2023
(54) A SYSTEM FOR CONDUCTING INSPECTION OF A PROPERTY

(71) Jenkins, D.
(21) 2023903390 (22) 24.10.2023
(54) Mass Flow Impelled Heat Engine

(71) Johnston, M.
(21) 2023903369 (22) 23.10.2023
(54) An improved electric roof lifting system for pop up camper trailers

(71) Johnston, M.
(21) 2023903372 (22) 23.10.2023
(54) Pop Up Camper trailer Roof Latch Warning System

(71) Kantfield Pty Ltd
(21) 2023903348 (22) 20.10.2023
(54) POLYMER ALLOY

(71) KIELY, M.
(21) 2023903335 (22) 19.10.2023
(54) A NASAL TUBE HOLDER

(71) Knox, M.
(21) 2023903377 (22) 23.10.2023
(54) Method and Apparatus for Repairing Wall and/or Ceiling panels

(71) Kode Biotech Limited
(21) 2023903361 (22) 20.10.2023
(54) IMMUNOTHERAPY

(71) Lett, A.
(21) 2023903168 (22) 03.10.2023
(54) Kangaroo phone pouch with photo's front and back with gold chain photo's can be changed by owner after sail, phone in centre pouch

(71) Macarise Services Pty Ltd
(21) 2023903324 (22) 18.10.2023
(54) MACABOLT MESH TRAINING SYSTEM

(71) Macsi, N.
(21) 2023903341 (22) 19.10.2023
(54) Animal Restraint

(71) Maxtrax Australia Pty Ltd
(21) 2023903355 (22) 20.10.2023
(54) An automotive recovery assembly

(71) Mimi & Co AU
(21) 2023903395 (22) 25.10.2023
(54) 360-degree Gusset with Encased Elastic

(71) MINEX CRC LTD
(21) 2023903389 (22) 24.10.2023
(54) Downhole Instrument for Real-Time Laser-Induced Breakdown Spectroscopy (LIBS) Analysis

(71) Mont Adventure Equipment Pty Ltd
(21) 2023903385 (22) 23.10.2023
(54) BODY COVER

(71) NEIGHBOURS, G.
(21) 2023903349 (22) 20.10.2023
(54) SELF CLIMBING JUMP FORM FOR HIGH RISE STRUCTURES

(71) Neurologix Pty Ltd
(21) 2023903392 (22) 24.10.2023
(54) FACE MASK SEAL

(71) NewSouth Innovations Pty Limited; Australian National University
(21) 2023903382 (22) 23.10.2023
(54) Modified Receptors and Ligands

Provisional Applications Filed - Name Index cont'd

(71) Nourish Ingredients Pty Ltd
(21) 2023903391 (22) 24.10.2023
(54) Short chain lipids

(71) Nufarm Australia Limited; Tandem Nano Ltd
(21) 2023903398 (22) 25.10.2023
(54) FUNGICIDE SUSPENSION CONCENTRATE

(71) O'Collins, V.
(21) 2023903376 (22) 23.10.2023
(54) IMPROVED REFILLABLE CONTAINERS AND RELATED DEVICES, SYSTEMS AND METHODS

(71) Pacific Mining Parts Pty Ltd
(21) 2023903352 (22) 20.10.2023
(54) ENGINE START MODULE AND DISCHARGE DEVICE

(71) Papalia, J.
(21) 2023903375 (22) 23.10.2023
(54) Cargo rack system for utility vehicles

(71) RAGE Biotech Pty Ltd
(21) 2023903354 (22) 20.10.2023
(54) Antisense oligonucleotides targeting RAGE

(71) RELECTRIFY HOLDINGS PTY LTD
(21) 2023903383 (22) 23.10.2023
(54) FUSIBLE CONNECTION TAB

(71) Respi Limited
(21) 2023903329 (22) 19.10.2023
(54) System and method for managing COPD symptoms

(71) Sakr, A.
(21) 2023903393 (22) 24.10.2023
(54) A releasable tag system for tag sports

(71) Sayfa R&D Pty Ltd
(21) 2023903322 (22) 18.10.2023
(54) An energy absorbing and deformation visualisation connector for a vertical fall arrest safety device

(71) Sayfa R&D Pty Ltd
(21) 2023903323 (22) 18.10.2023
(54) A vertical fall arrest safety device

(71) Smart Counters Pty Ltd
(21) 2023903320 (22) 18.10.2023
(54) Recyclate counting apparatus

(71) Statham, H.
(21) 2023903384 (22) 23.10.2023
(54) Mini flotation device for swimmers in trouble

(71) St Vincent's Institute of Medical Research
(21) 2023903333 (22) 19.10.2023
(54) Methods of treating conditions with SIK3 inhibitors

(71) Sutton, B.
(21) 2023903386 (22) 23.10.2023
(54) Head Support Device for Facilitating Sleeping While Sitting

(71) SVEN VELEMA
(21) 2023903362 (22) 20.10.2023
(54) AI-Powered Lesson Plan Designer for Australian Curriculum

Sydney Local Health District see Centenary Institute of Cancer Medicine and Cell Biology
(21) 2023903370

Tandem Nano Ltd see Nufarm Australia Limited
(21) 2023903398

(71) Tessara Therapeutics Pty Ltd
(21) 2023903346 (22) 20.10.2023
(54) Improved cellularised hydrogel compositions and related methods

(71) The Dynamic Engineering Solution Pty Ltd
(21) 2023903356 (22) 20.10.2023
(54) LOAD SECURING DEVICE

(71) The Dynamic Engineering Solution Pty Ltd
(21) 2023903357 (22) 20.10.2023
(54) CONTAINER SECURING DEVICE

(71) The Dynamic Engineering Solution Pty Ltd
(21) 2023903358 (22) 20.10.2023
(54) VEHICLE SUSPENSION SYSTEM

(71) The University of Queensland
(21) 2023903360 (22) 20.10.2023
(54) Nanobody for Nipah virus

(71) VATEX PTY LTD
(21) 2023903330 (22) 19.10.2023
(54) Watch that will reduce heat related illnesses in the Mining, Heavy Industry, Military and other government services. Will also manage people compliance to

high risk areas and Emergency Evacuation Notifications.

(71) Vow Group Pty Ltd
(21) 2023903350 (22) 20.10.2023
(54) Suspension culture

Williams, L. see FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2023903344

Numerical Index

2023903168	Lett, A.	2023903383	RELECTRIFY HOLDINGS PTY LTD
2023903317	Griffith University	2023903384	Statham, H.
2023903319	Formo Bio GmbH	2023903385	Mont Adventure Equipment Pty Ltd
2023903320	Smart Counters Pty Ltd	2023903386	Sutton, B.
2023903321	Frontal Cortex PTE LTD	2023903387	HOLDEN, J.
2023903322	Sayfa R&D Pty Ltd	2023903388	Gazmick Pty Ltd
2023903323	Sayfa R&D Pty Ltd	2023903389	MINEX CRC LTD
2023903324	Macarise Services Pty Ltd	2023903390	Jenkins, D.
2023903325	Coglitore, C.	2023903391	Nourish Ingredients Pty Ltd
2023903326	Coglitore, C.	2023903392	Neurotologix Pty Ltd
2023903327	Eudaemon Technologies Pty Ltd	2023903393	Sakr, A.
2023903328	Eudaemon Technologies Pty Ltd	2023903394	Commonwealth Scientific and Industrial Research Organisation
2023903329	Respiri Limited	2023903395	Mimi & Co AU
2023903330	VATEX PTY LTD	2023903397	Christensen, D.
2023903331	Abra Aluminium Pty Ltd	2023903398	Nufarm Australia Limited; Tandem Nano Ltd
2023903332	Hysential Pty Ltd		
2023903333	St Vincent's Institute of Medical Research		
2023903334	INSPECTINGSMART PTY LIMITED		
2023903335	KIELY, M.		
2023903336	Audima Labs Pty Ltd		
2023903337	Compumedics Medical Innovation Pty Ltd		
2023903338	Fasullo, J.; Fasullo, S.		
2023903339	Bionics Institute		
2023903340	Deakin University		
2023903341	Macsi, N.		
2023903342	chirva, n.		
2023903343	Dry Tail IP Pty Ltd		
2023903344	FONTERRA CO-OPERATIVE GROUP LIMITED; Hill, J.; Dybing, S.; Williams, L.		
2023903345	4RIVERS POWER ENGINEERING PTY LTD		
2023903346	Tessara Therapeutics Pty Ltd		
2023903347	BENCHMARK EQUIPMENT PTY LTD		
2023903348	Kantfield Pty Ltd		
2023903349	NEIGHBOURS, G.		
2023903350	Vow Group Pty Ltd		
2023903351	Envision Sciences Pty Ltd		
2023903352	Pacific Mining Parts Pty Ltd		
2023903353	Fink, D.		
2023903354	RAGE Biotech Pty Ltd		
2023903355	Maxtrax Australia Pty Ltd		
2023903356	The Dynamic Engineering Solution Pty Ltd		
2023903357	The Dynamic Engineering Solution Pty Ltd		
2023903358	The Dynamic Engineering Solution Pty Ltd		
2023903359	INOVIQ Ltd		
2023903360	The University of Queensland		
2023903361	Kode Biotech Limited		
2023903362	SVEN VELEMA		
2023903364	Audeh, S.; Audeh, R.		
2023903365	Audeh, S.; Audeh, R.		
2023903366	Cavendish Renewable Technology Pty Ltd		
2023903367	Hendry, C.		
2023903368	Asif, A.		
2023903369	Johnston, M.		
2023903370	Centenary Institute of Cancer Medicine and Cell Biology; Sydney Local Health District		
2023903371	HOPE, G.		
2023903372	Johnston, M.		
2023903373	Carasel Holdings Pty Ltd		
2023903374	Imtrade Australia Pty Ltd		
2023903375	Papalia, J.		
2023903376	O'Collins, V.		
2023903377	Knox, M.		
2023903378	BLITZ SYSTEMS PTY LTD		
2023903379	GLOMESH INTL PTY LTD		
2023903380	AURACAL PTY LTD		
2023903381	DOM Distribution Pty Ltd		
2023903382	NewSouth Innovations Pty Limited; Australian National University		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 17 Oct 2023 .

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

<hr/> <p>(71) Acorn Engineering Company (21) 2023248102 (22) 11.10.2023 (54) Grab bar (31) 63/415,191 (32) 11.10.22 (33) US</p> <hr/> <p>Alcala-Galiano, F.L. see Morales, Á.M. (21) 2023248192</p> <hr/> <p>(71) Alcon Inc. (21) 2023251434 (22) 17.10.2023 (54) INTRAOCULAR LENS INJECTOR (62) 2018207986</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023251385 (22) 16.10.2023 (54) System, chip tray, and method (62) 2019356918</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023251418 (22) 17.10.2023 (54) Casino system (62) 2021254516</p> <hr/> <p>(71) Apple Inc. (21) 2023248185 (22) 13.10.2023 (54) Multi-participant live communication user interface (62) 2022228207</p> <hr/> <p>(71) Apple Inc. (21) 2023248196 (22) 13.10.2023 (54) User interfaces for health monitoring (62) 2021261861</p> <hr/> <p>(71) Apple Inc. (21) 2023251432 (22) 17.10.2023 (54) Health application user interfaces (62) 2022204568</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2023248198 (22) 13.10.2023 (54) A GAMING SYSTEM, A METHOD OF GAMING AND A JACKPOT CONTROLLER (62) 2021215299</p> <hr/> <p>(71) Australian Mitigation Engineering Developments Pty Ltd (21) 2023251428 (22) 17.10.2023</p>	<p>(54) A System for Predetermining a Collision Between A Vehicle and An Overhead</p> <hr/> <p>(71) Aviana Molecular Technologies, LLC (21) 2023248202 (22) 13.10.2023 (54) Multiplexing surface acoustic wave sensors with delay line coding (62) 2018298200</p> <hr/> <p>(71) AVIVE, Inc. (21) 2023251404 (22) 16.10.2023 (54) NOVEL PEGYLATED LIPOSOMAL FORMULATIONS OF APELIN FOR TREATMENT OF CARDIOVASCULAR-RELATED DISEASES (62) 2017345493</p> <hr/> <p>Biomed Valley Discoveries, Inc. see The United States of America, as represented by The Secretary, Department of Health and Human Services (21) 2023251389</p> <hr/> <p>(71) Bluebeam, Inc. (21) 2023248111 (22) 11.10.2023 (54) Method of visually interacting with a document by dynamically displaying a fill area in a boundary (62) 2022204624</p> <hr/> <p>(71) Butlr Technologies Inc. (21) 2023248184 (22) 13.10.2023 (54) MONITORING HUMAN LOCATION, TRAJECTORY AND BEHAVIOR USING THERMAL DATA (62) 2023202347</p> <hr/> <p>(71) CASE WESTERN RESERVE UNIVERSITY (21) 2023248193 (22) 13.10.2023 (54) COMPOSITIONS AND METHODS OF MODULATING S-NITROSYLATION (62) 2021203023</p> <hr/> <p>(71) Caterpillar Inc. (21) 2023248101 (22) 11.10.2023 (54) Method and system for positioning a truck for loading (62) 2017276332</p> <hr/> <p>(71) Celularity Inc. (21) 2023251392 (22) 16.10.2023</p>	<p>(54) METHOD OF PRODUCING ERYTHROCYTES WITHOUT FEEDER CELLS (62) 2021202607</p> <hr/> <p>(71) CFPH, LLC (21) 2023248212 (22) 15.10.2023 (54) ZONE DEPENDENT PAYOUT PERCENTAGE (62) 2021229146</p> <hr/> <p>(71) CGG Services SAS (21) 2023251387 (22) 16.10.2023 (54) Umbilical cable with sensors for collecting subsurface data and method (31) 17/969182 (32) 19.10.22 (33) US</p> <hr/> <p>Charpentier, E. see The Regents of the University of California (21) 2023248113</p> <hr/> <p>(71) Chavan, P.; Shoshtaev, E.; Samuel, F. (21) 2023250527 (22) 16.10.2023 (54) KNOTLESS ORTHOPEDIC STABILIZATION SYSTEM (62) 2018226807</p> <hr/> <p>(71) CommScope Technologies LLC (21) 2023251421 (22) 17.10.2023 (54) Ganged coaxial connector assembly (62) 2019247776</p> <hr/> <p>(71) Cornex New Energy Co.,Ltd. (21) 2023251439 (22) 17.10.2023 (54) CONTROL METHOD, DEVICE AND APPARATUS FOR LIQUID COOLING PIPELINE OF BATTERY ENERGY STORAGE SYSTEM (31) 202310345633.5 (32) 31.03.23 (33) CN</p> <hr/> <p>(71) CTC Global Corporation (21) 2023248099 (22) 11.10.2023 (54) Systems, methods and tools for the interrogation of composite strength members (62) 2019229255</p> <hr/> <p>(71) Cue Biopharma, Inc. (21) 2023251412 (22) 17.10.2023 (54) Methods for modulating an immune response (62) 2018234628</p>
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Complete Applications Filed - Name Index cont'd

(71) CureVac SE
(21) 2023251441 (22) 17.10.2023
(54) RNA containing composition for treatment of tumor diseases
(62) 2020220157

(71) DAZLM PTY LTD
(21) 2023251405 (22) 16.10.2023
(54) Drill casing cutter
(31) 2022903325 (32) 07.11.22 (33) AU

(71) DAZLM PTY LTD
(21) 2023251407 (22) 16.10.2023
(54) Drill bit changing carousel
(31) 2022903326 (32) 07.11.22 (33) AU

(71) DAZLM PTY LTD
(21) 2023251408 (22) 16.10.2023
(54) Drill rod feeder
(31) 2022903327 (32) 07.11.22 (33) AU

(71) DAZLM PTY LTD
(21) 2023251409 (22) 16.10.2023
(54) Drill rod and drill casing manipulation systems
(31) 2022903328 (32) 07.11.22 (33) AU

(71) Decarbtek Global Corp.
(21) 2023251415 (22) 17.10.2023
(54) METHODS AND SYSTEMS FOR EFFICIENTLY AND CLEANLY MANUFACTURING AMMONIA, AMMONIUM SULFATE, NITRIC ACID, AMMONIUM NITRATE, OR COMBINATIONS THEREOF FROM COAL AND PETCOKE PRODUCTS
(31) 63/416,848 (32) 17.10.22 (33) US

(71) Deciphera Pharmaceuticals, LLC
(21) 2023251416 (22) 17.10.2023
(54) Phenylaminopyrimidine amide autophagy inhibitors and methods of use thereof
(62) 2020275392

(71) Dilworth, G.
(21) 2023248213 (22) 15.10.2023
(54) Door Furniture/Hardware Jigs/Templates

(71) Dilworth, G.
(21) 2023251423 (22) 17.10.2023
(54) Architrave quirk jig

(71) Eli Lilly and Company
(21) 2023248103 (22) 11.10.2023
(54) Methods of treating ulcerative colitis
(62) 2019243283

(71) Equinor Energy AS
(21) 2023248199 (22) 13.10.2023

(54) System and method for providing information on production value and/or emissions of a hydrocarbon production system
(62) 2017358388

Exact Sciences Corporation see Mayo Foundation for Medical Education and Research
(21) 2023248106

(71) EXEL INDUSTRIES
(21) 2023248187 (22) 13.10.2023
(54) Point of Interest Spray System
(31) 2211522 (32) 05.11.22 (33) FR
2304375 01.05.23 FR

(71) Expedia, Inc.
(21) 2023251420 (22) 17.10.2023
(54) Tessellation-based proximity system
(31) 17/972,368 (32) 24.10.22 (33) US

(71) Fasteners for Retail, Inc.
(21) 2023251417 (22) 17.10.2023
(54) PULLOUT SHELF
(31) 63418860 (32) 24.10.22 (33) US

(71) Fisher & Paykel Healthcare Limited
(21) 2023251391 (22) 16.10.2023
(54) NASAL CANNULA ASSEMBLIES AND RELATED PARTS
(62) 2021204649

(71) Foster, B.
(21) 2023248211 (22) 15.10.2023
(54) Sky Drop

(71) Globaltech Corporation Pty Ltd
(21) 2023248201 (22) 13.10.2023
(54) Monitoring, auditing and/or determining depth of or in a borehole
(62) 2017383097

(71) Gonzalez, A.
(21) 2023251403 (22) 16.10.2023
(54) NEOLEADERSHIP: PARENTING LEADERS
(31) 2023903291 (32) 16.10.23 (33) AU

(71) Google LLC
(21) 2023248100 (22) 11.10.2023
(54) EFFICIENT AND NOISE RESILIENT MEASUREMENTS FOR QUANTUM CHEMISTRY
(62) 2020323522

(71) Grail, LLC
(21) 2023251444 (22) 17.10.2023

(54) Differential Tagging Of RNA For Preparation Of A Cell-Free DNA/RNA Sequencing Library
(62) 2021200391

(71) GRANULAR THERAPEUTICS LIMITED
(21) 2023251427 (22) 17.10.2023
(54) C-KIT ANTIBODIES
(62) 2019219312

(71) GW Research Limited
(21) 2023251394 (22) 16.10.2023
(54) Use of cannabidiol in the treatment of angelman syndrome
(62) 2017374777

(71) Hooper, Z.
(21) 2023248209 (22) 14.10.2023
(54) A Co-Parenting Communication App

(71) Horwood, P.
(21) 2023248206 (22) 13.10.2023
(54) Bin lid latch

(71) Huawei Technologies Co., Ltd.
(21) 2023248107 (22) 11.10.2023
(54) APPARATUS AND METHOD FOR INVERSE QUANTIZATION
(62) 2019342803

(71) Huawei Technologies Co., Ltd.
(21) 2023248190 (22) 13.10.2023
(54) METHOD AND APPARATUS FOR PREDICTION
(62) 2019340292

(71) Infosys Limited
(21) 2023248112 (22) 11.10.2023
(54) METHOD AND SYSTEM FOR KEY PHRASE EXTRACTION AND GENERATION FROM TEXT
(62) 2018267618

(71) Intradin (Shanghai) Machinery Co., Ltd.
(21) 2023248197 (22) 13.10.2023
(54) FOLDING SCOOTER
(31) 202322038297.8 (32) 31.07.23 (33) CN

(71) Johnston, S.
(21) 2023251396 (22) 16.10.2023
(54) Device for capturing a line
(62) 2018295786

Komatsu Ltd. see Toyota Jidosha Kaibushiki Kaisha
(21) 2023248191

(71) Lam, T.T.
(21) 2023248210 (22) 14.10.2023

Complete Applications Filed - Name Index cont'd

(54) BIDIRECTIONAL MOTION COMBINER
(31) 2023900669 (32) 13.03.23 (33) AU

(71) Lam, T.T.
(21) 2023251386 (22) 16.10.2023

(54) MAGNETIC CONTINUOUS VARIABLE TRANSMISSION BASED WAVE ENERGY CONVERTER

(71) LCS Advanced Solutions
(21) 2023251399 (22) 16.10.2023

(54) STRUCTURALLY DIVERSE, STABLE, AND RADIATION-PROTECTIVE PARTICLE MATRIX SUNSCREEN AND COSMETIC COMPOSITIONS AND RELATED METHODS
(31) 63/475,135 (32) 15.10.22 (33) US

(71) LG Electronics Inc.
(21) 2023251397 (22) 16.10.2023

(54) ROBOT CLEANER
(62) 2021209262

(71) Lyra Therapeutics, Inc.
(21) 2023251438 (22) 17.10.2023

(54) Implantable scaffolds for treatment of sinusitis
(62) 2022204062

(71) MAMMOTH INDUSTRIES PTY LTD
(21) 2023251436 (22) 17.10.2023
(54) SLIDING DOOR BRAKING SYSTEM
(31) 2022903122 (32) 21.10.22 (33) AU

(71) Mayo Foundation for Medical Education and Research; Exact Sciences Corporation
(21) 2023248106 (22) 11.10.2023
(54) Detection of lung neoplasia by analysis of methylated DNA
(62) 2017260630

(71) Mech Engineering Services Pty Ltd
(21) 2023251410 (22) 16.10.2023
(54) A Filter assembly and a Filter for use with same
(31) 2022903026 (32) 14.10.22 (33) AU

(71) Mettler Packaging Pty. Ltd.
(21) 2023251393 (22) 16.10.2023
(54) Wrapping material for packaged goods and stack, comprising a plurality of these wrapping materials, as well as use of the wrapping material
(31) 22203637.8 (32) 25.10.22 (33) EP

(71) Morales, Á.M.; Alcalá-Galiano, F.L.
(21) 2023248192 (22) 13.10.2023
(54) A universal electronic exchange system for optics and/or imaging devices
(31) 22382981 (32) 14.10.22 (33) EP

(71) Nicoventures Trading Limited
(21) 2023248104 (22) 11.10.2023
(54) Electronic vapour provision device with absorbent element
(62) 2021290442

(71) Nicoventures Trading Limited
(21) 2023248203 (22) 13.10.2023
(54) Aerosol provision device
(62) 2020235790

(71) NIHON KENSETSU GIJUTSU CO.,LTD.
(21) 2023251400 (22) 16.10.2023
(54) WATER-PERMEABLE-RETENTIVE PAVEMENT STRUCTURE AND METHOD OF CONSTRUCTING THE STRUCTURE
(31) 2022-175487 (32) 01.11.22 (33) JP

(71) Novavax, Inc.
(21) 2023248200 (22) 13.10.2023
(54) Vaccine compositions having improved stability and immunogenicity
(62) 2016315478

(71) Ocado Innovation Limited
(21) 2023251390 (22) 16.10.2023
(54) Picking systems and methods
(62) 2021206859

(71) OXTI Pte Ltd
(21) 2023248205 (22) 13.10.2023
(54) ELECTRONIC APPARATUS FOR COMMUNICATION

(71) PENALVER, A.
(21) 2023251402 (22) 16.10.2023
(54) No drip caulking gun

(71) Plowright, B.
(21) 2023248214 (22) 15.10.2023
(54) Waist Wire Feeder
(31) 2023901698 (32) 30.05.23 (33) AU

(71) President and Fellows of Harvard College
(21) 2023251424 (22) 17.10.2023
(54) ENGINEERED VIRAL VECTOR REDUCES INDUCTION OF INFLAMMATORY AND IMMUNE RESPONSES
(62) 2017277647

(71) Recurium IP Holdings, LLC
(21) 2023251425 (22) 17.10.2023
(54) Substituted 1,2-dihydro-3h-pyrazolo[3,4-d]pyrimidin-3-ones
(62) 2019231551

(71) REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD
(21) 2023251414 (22) 17.10.2023
(54) Method and system for determining core orientation
(62) 2017381411

(71) Roobuck Pty Ltd
(21) 2023248110 (22) 11.10.2023
(54) DSRC Cap Lamp
(31) 2022903074 (32) 19.10.22 (33) AU

(71) Royal Melbourne Institute of Technology
(21) 2023251406 (22) 16.10.2023
(54) APPARATUS FOR ADDRESSING WELLS WITHIN A MICROARRAY PLATE
(62) 2018382221

Samuel, F. see Chavan, P.
(21) 2023250527

(71) Schneider Electric (Australia) Pty Limited
(21) 2023251433 (22) 17.10.2023
(54) CONNECTORS FOR ELECTRICAL SYSTEM
(62) 2021221546

(71) SciSparc Ltd
(21) 2023251426 (22) 17.10.2023
(54) Combinations of cannabinoids and N-acyl ethanolamines
(62) 2021206784

Secretary of State for Health and Social Care see University College Cardiff Consultants Limited
(21) 2023251413

(71) Select Harvests Limited
(21) 2023251431 (22) 17.10.2023
(54) Production of Trichoderma spp fungi using almond hull as a growth medium
(31) 2022903056 (32) 18.10.22 (33) AU

Shoshtaev, E. see Chavan, P.
(21) 2023250527

(71) Shutterstock Ventures LLC
(21) 2023248189 (22) 13.10.2023
(54) Collaborative editing of media in a mixed computing environment
(62) 2019216745

(71) Snap-on Incorporated
(21) 2023248188 (22) 13.10.2023
(54) HANDLE AND TOOL WITH INTEGRATED HANDLE MOUNT
(31) 17/966,458 (32) 14.10.22 (33) US

Complete Applications Filed - Name Index cont'd

(71) Sthaler Limited
(21) 2023248208 (22) 14.10.2023
(54) Biometric Transaction System
(62) 2017359004

(71) Studman Innovations Pty Ltd
(21) 2023251398 (22) 16.10.2023
(54) IMPROVED WIND POWERED GENERATION SYSTEM
(61) 2022252706

(71) Tastemakers, LLC
(21) 2023251430 (22) 17.10.2023
(54) HOME ARCADE SYSTEM
(62) 2018386330

(71) Tau Motors, Inc.
(21) 2023251443 (22) 17.10.2023
(54) Power distribution within an electric machine with rectified rotor windings
(62) 2021319214

(71) Techtronic Cordless GP
(21) 2023248105 (22) 11.10.2023
(54) Fluid and power provision apparatus
(31) 17/963307 (32) 11.10.22 (33) US

(71) Tencent America LLC
(21) 2023251442 (22) 17.10.2023
(54) Method for parameter set reference in coded video stream
(62) 2020412559

(71) Terra Quantum AG
(21) 2023248109 (22) 11.10.2023
(54) Method and system for optical signal amplification
(31) 22206735.7 (32) 10.11.22 (33) EP
23165719.8 30.03.23 EP

(71) The Brigham and Women's Hospital, Inc.
(21) 2023248207 (22) 14.10.2023
(54) Methods and compositions for identifying epitopes
(62) 2018279728

(71) The NOCO Company
(21) 2023251401 (22) 16.10.2023
(54) Rechargeable battery jump starting device with battery detection system
(62) 2022200448

(71) The NOCO Company
(21) 2023251437 (22) 17.10.2023
(54) Rechargeable battery jump starting device with depleted or discharged battery pre-conditioning system
(62) 2022200449

(71) The Raymond Corporation
(21) 2023251429 (22) 17.10.2023
(54) Operation assistance for autonomous material handling vehicles
(31) 63/417,955 (32) 20.10.22 (33) US

(71) The Regents of the University of California; Charpentier, E.; University of Vienna
(21) 2023248113 (22) 11.10.2023
(54) Methods and compositions for RNA-directed target DNA modification and for RNA-directed modulation of transcription
(62) 2021200952

(71) The Scripps Research Institute
(21) 2023251440 (22) 17.10.2023
(54) Stem cell cultures
(62) 2021204635

(71) The Trustees of the University of Pennsylvania
(21) 2023248194 (22) 13.10.2023
(54) Modified mRNA vaccines encoding herpes simplex virus glycoproteins and uses thereof
(62) 2018316811

(71) The Trustees of the University of Pennsylvania
(21) 2023251411 (22) 17.10.2023
(54) Methods and compositions for treatment of disorders and diseases involving RDH12
(62) 2017292010

(71) The United States of America, as represented by The Secretary, Department of Health and Human Services; Biomed Valley Discoveries, Inc.
(21) 2023251389 (22) 16.10.2023
(54) TEM8 ANTIBODIES AND THEIR USE
(62) 2022200117

(71) Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.
(21) 2023248191 (22) 13.10.2023
(54) Operation management system
(31) 2022-176576 (32) 02.11.22 (33) JP

(71) Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.
(21) 2023248191 (22) 13.10.2023
(54) Operation management system
(31) 2022-176576 (32) 02.11.22 (33) JP

(71) TransPod Inc.
(21) 2023248204 (22) 13.10.2023
(54) Plasma-based high-speed power transmission system
(62) 2017323887

Trina Solar (Changzhou) Science & Technology Co., Ltd see Trina Solar Co., Ltd
(21) 2023251435

(71) Trina Solar Co., Ltd; Trina Solar (Changzhou) Science & Technology Co., Ltd
(21) 2023251435 (22) 17.10.2023
(54) Solar cell, solar cell module and solar cell manufacturing equipment
(31) 2022227495864 (32) 19.10.22 (33) CN

(71) Unity Biotechnology, Inc.; University of Montreal
(21) 2023251388 (22) 16.10.2023
(54) Treatment of ophthalmic conditions such as macular degeneration, glaucoma, and diabetic retinopathy using pharmaceutical agents that eliminate senescent cells
(62) 2018314280

(71) University College Cardiff Consultants Limited; Secretary of State for Health and Social Care
(21) 2023251413 (22) 17.10.2023
(54) Assay for distinguishing between sepsis and systemic inflammatory response syndrome
(62) 2017334293

University of Montreal see Unity Biotechnology, Inc.
(21) 2023251388

University of Vienna see The Regents of the University of California
(21) 2023248113

(71) W. L. Gore & Associates, Inc.
(21) 2023251395 (22) 16.10.2023
(54) Substrate with rotatable struts for medical device
(62) 2022201113

(71) WANHUA CHEMICAL (NINGBO) CO., LTD.
(21) 2023251422 (22) 17.10.2023
(54) POLYISOCYANATE WITH STABLE ACTIVITY AND LIGHT COLOR, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF
(31) 202310012332.0 (32) 05.01.23 (33) CN

(71) WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC.
(21) 2023251419 (22) 17.10.2023
(54) VIDEO SIGNAL PROCESSING METHOD AND DEVICE THEREFOR
(62) 2020407738

(71) Yumdrum Pty Ltd
(21) 2023248195 (22) 13.10.2023
(54) REINFORCING SUPPORT CHAIR
(31) 2023900549 (32) 02.03.23 (33) AU

Numerical Index

2023248099	CTC Global Corporation	2023251404	AVIVE, Inc.
2023248100	Google LLC	2023251405	DAZLM PTY LTD
2023248101	Caterpillar Inc.	2023251406	Royal Melbourne Institute of Technology
2023248102	Acorn Engineering Company	2023251407	DAZLM PTY LTD
2023248103	Eli Lilly and Company	2023251408	DAZLM PTY LTD
2023248104	Nicoventures Trading Limited	2023251409	DAZLM PTY LTD
2023248105	Techtronic Cordless GP	2023251410	Mech Engineering Services Pty Ltd
2023248106	Mayo Foundation for Medical Education and Research; Exact Sciences Corporation	2023251411	The Trustees of the University of Pennsylvania
2023248107	Huawei Technologies Co., Ltd.	2023251412	Cue Biopharma, Inc.
2023248109	Terra Quantum AG	2023251413	University College Cardiff Consultants Limited; Secret- ary of State for Health and Social Care
2023248110	Roobuck Pty Ltd	2023251414	REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD
2023248111	Bluebeam, Inc.	2023251415	Decarbtek Global Corp.
2023248112	Infosys Limited	2023251416	Deciphera Pharmaceuticals, LLC
2023248113	The Regents of the University of California; Charpentier, E.; University of Vienna	2023251417	Fasteners for Retail, Inc.
2023248184	Butlr Technologies Inc.	2023251418	Angel Group Co., Ltd.
2023248185	Apple Inc.	2023251419	WILUS INSTITUTE OF STANDARDS AND TECHNO- LOGY INC.
2023248187	EXEL INDUSTRIES	2023251420	Expedia, Inc.
2023248188	Snap-on Incorporated	2023251421	CommScope Technologies LLC
2023248189	Shutterstock Ventures LLC	2023251422	WANHUA CHEMICAL (NINGBO) CO., LTD.
2023248190	Huawei Technologies Co., Ltd.	2023251423	Dilworth, G.
2023248191	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.	2023251424	President and Fellows of Harvard College
2023248192	Morales, Á.M.; Alcalá-Galiano, F.L.	2023251425	Recurium IP Holdings, LLC
2023248193	CASE WESTERN RESERVE UNIVERSITY	2023251426	SciSparc Ltd
2023248194	The Trustees of the University of Pennsylvania	2023251427	GRANULAR THERAPEUTICS LIMITED
2023248195	Yumdrum Pty Ltd	2023251428	Australian Mitigation Engineering Developments Pty Ltd
2023248196	Apple Inc.	2023251429	The Raymond Corporation
2023248197	Intradin (Shanghai) Machinery Co., Ltd.	2023251430	Tastemakers, LLC
2023248198	Aristocrat Technologies Australia Pty Limited	2023251431	Select Harvests Limited
2023248199	Equinor Energy AS	2023251432	Apple Inc.
2023248200	Novavax, Inc.	2023251433	Schneider Electric (Australia) Pty Limited
2023248201	Globaltech Corporation Pty Ltd	2023251434	Alcon Inc.
2023248202	Aviana Molecular Technologies, LLC	2023251435	Trina Solar Co., Ltd; Trina Solar (Changzhou) Science & Technology Co., Ltd
2023248203	Nicoventures Trading Limited	2023251436	MAMMOTH INDUSTRIES PTY LTD
2023248204	TransPod Inc.	2023251437	The NOCO Company
2023248205	OXTI Pte Ltd	2023251438	Lyra Therapeutics, Inc.
2023248206	Horwood, P.	2023251439	Cornex New Energy Co.,Ltd.
2023248207	The Brigham and Women's Hospital, Inc.	2023251440	The Scripps Research Institute
2023248208	Sthaler Limited	2023251441	CureVac SE
2023248209	Hooper, Z.	2023251442	Tencent America LLC
2023248210	Lam, T.T.	2023251443	Tau Motors, Inc.
2023248211	Foster, B.	2023251444	Grail, LLC
2023248212	CFPH, LLC		
2023248213	Dilworth, G.		
2023248214	Plowright, B.		
2023250527	Chavan, P.; Shoshtaev, E.; Samuel, F.		
2023251385	Angel Group Co., Ltd.		
2023251386	Lam, T.T.		
2023251387	CGG Services SAS		
2023251388	Unity Biotechnology, Inc.; University of Montreal		
2023251389	The United States of America, as represented by The Secretary, Department of Health and Human Services; Biomed Valley Discoveries, Inc.		
2023251390	Ocado Innovation Limited		
2023251391	Fisher & Paykel Healthcare Limited		
2023251392	Celularity Inc.		
2023251393	Mettler Packaging Pty. Ltd.		
2023251394	GW Research Limited		
2023251395	W. L. Gore & Associates, Inc.		
2023251396	Johnston, S.		
2023251397	LG Electronics Inc.		
2023251398	Studman Innovations Pty Ltd		
2023251399	LCS Advanced Solutions		
2023251400	NIHON KENSETSU GIJUTSU CO.,LTD.		
2023251401	The NOCO Company		
2023251402	PENALVER, A.		
2023251403	Gonzalez, A.		

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 17 Oct 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) SES-IMAGOTAG GMBH
(21) 2023100089 **(22)** 20.10.2023
(54) BUS SYSTEM AND SUPPORT
 DEVICE COMPRISING SUCH A BUS
 SYSTEM
(62) 2021432821

(71) SES-IMAGOTAG GMBH
(21) 2023100090 **(22)** 20.10.2023
(54) SUPPORT DEVICE, IN PARTICULAR
 SHELF RAIL, FOR SUPPORTING AN
 ELECTRONIC DEVICE, PREFERABLY
 AN ELECTRONIC DISPLAY UNIT
(62) 2021432549

Numerical Index

2023100089 SES-IMAGOTAG GMBH

2023100090 SES-IMAGOTAG GMBH

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

1998
1998089288 (14)

2003
2003252881 (14) 2003252924 (14) 2003254745 (14)
2003254755 (14) 2003266847 (14) 2003266858 (14)
2003266861 (14) 2003267441 (14) 2003269518 (14)
2003269603 (14) 2003269608 (14) 2003269773 (14)
2003271552 (14) 2003271722 (14) 2003272098 (14)
2003272979 (14) 2003277373 (14) 2003277374 (14)
2003277409 (14) 2003278018 (14) 2003278078 (14)
2003279140 (14) 2003279267 (14) 2003279284 (14)
2003279295 (14) 2003280361 (14) 2003280376 (14)
2003282837 (14) 2003282839 (14) 2003284113 (14)
2003284124 (14) 2003284136 (14) 2003285351 (14)
2003287051 (14) 2003287080 (14) 2003287090 (14)
2003288270 (14) 2003293611 (14) 2003295347 (14)
2003298263 (14) 2003298605 (14) 2003300148 (14)
2003301440 (14) 2003301487 (14) 2003303579 (14)

2004
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2004236166 (14) 2004254171 (14) 2004282576 (14)
2004282588 (14) 2004314108 (14)

2005
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2005201458 (14) 2005201488 (14) 2005220276 (14)
2005231490 (14) 2005231833 (14) 2005231871 (14)
2005231956 (14) 2005231958 (14) 2005232693 (14)
2005233560 (14) 2005235411 (14) 2005242855 (14)
2005243247 (14) 2005262871 (14)

2006
2006201403 (14) 2006201404 (14) 2006201451 (14)
2006225168 (14) 2006231473 (14) 2006232477 (14)
2006233810 (14) 2006235099 (14) 2006235153 (14)
2006235372 (14) 2006236023 (14) 2006236927 (14)

2007
2007201511 (14) 2007201531 (14) 2007233313 (14)
2007233630 (14) 2007233631 (14) 2007233643 (14)
2007234389 (14) 2007234696 (14) 2007235231 (14)
2007237472 (14) 2007237556 (14) 2007240113 (14)
2007268922 (14)

2008
2008200221 (14) 2008235256 (14) 2008235429 (14)
2008235440 (14) 2008236316 (14) 2008236622 (14)
2008236639 (14) 2008238968 (14) 2008241339 (14)
2008244727 (14) 2008245392 (14) 2008260397 (14)
2008262233 (14) 2008264192 (14) 2008354332 (14)
2008354370 (14)

2009
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2010
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2010244168 (14) 2010350521 (14)

2011
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2011202863 (14) 2011237540 (14) 2011237908 (14)
2011237922 (14) 2011238386 (14) 2011239089 (14)
2011239121 (14) 2011240163 (14) 2011240925 (14)
2011240936 (14) 2011253900 (14) 2011357483 (14)

2012
2012201945 (14) 2012201946 (14) 2012201949 (14)
2012203200 (14) 2012205265 (14) 2012238523 (14)
2012239144 (14) 2012239933 (14) 2012240077 (14)
2012240135 (14) 2012240299 (14) 2012243060 (14)
2012243063 (14) 2012243534 (14) 2012246784 (14)
2012247099 (14) 2012261206 (14) 2012266895 (14)
2012300200 (14) 2012363099 (14) 2012363378 (14)

2013
2013202100 (14) 2013202479 (14) 2013202971 (14)
2013203151 (14) 2013203736 (14) 2013204786 (14)
2013211502 (14) 2013243302 (14) 2013243315 (14)
2013244933 (14) 2013247670 (14) 2013249657 (14)
2013249682 (14) 2013257018 (14) 2013306399 (14)

2014

2014201963 (14) 2014201969 (14) 2014202021 (14)
2014202472 (14) 2014248049 (14) 2014250122 (14)
2014251105 (14) 2014251145 (14) 2014251206 (14)
2014251552 (14) 2014252825 (14) 2014253153 (14)
2014253288 (14) 2014260382 (14) 2014277744 (14)
2014360246 (14) 2014390004 (14)

2015

2015101967 (22) 2015202062 (14) 2015203511 (14)
2015230857 (14) 2015242954 (14) 2015243261 (14)
2015243525 (14) 2015243528 (14) 2015244801 (14)
2015245327 (14) 2015245933 (14) 2015247983 (14)
2015251692 (14) 2015251705 (14) 2015252344 (14)
2015252346 (14) 2015264853 (14)

2016

2016100375 (22E) 2016202086 (14) 2016202112 (14)
2016202119 (14) 2016238947 (14) 2016239987 (14)
2016245215 (14) 2016245218 (14) 2016245323 (14)
2016245397 (14) 2016245418 (14) 2016245772 (14)
2016246068 (14) 2016246124 (14) 2016246457 (14)
2016248814 (14) 2016251426 (14) 2016251427 (14)
2016253549 (14) 2016256732 (14) 2016343748 (5C)
2016346823 (5C) 2016349152 (5C) 2016401484 (14)
2016401639 (14) 2016401640 (14) 2016401882 (14)
2016429072 (5C)

2017

2017201051 (14) 2017201353 (14) 2017202352 (4C)
2017242899 (5C) 2017245888 (14) 2017246294 (14)
2017246521 (4D) 2017246661 (14) 2017246827 (14)
2017247966 (14) 2017248070 (14) 2017248082 (14)
2017248252 (14) 2017248356 (4C) 2017250076 (14)
2017258951 (5C) 2017271575 (5C) 2017292168 (5C)
2017323887 (5C) 2017357890 (4C) 2017362758 (5C)
2017366761 (25D) 2017367143 (5C) 2017368229 (5C)
2017376455 (5C) 2017385721 (5C) 2017389212 (5C)
2017408261 (4C)

2018

2018100450 (22G) 2018102215 (22E) 2018102226 (22E)
2018200115 (14) 2018202380 (4C) 2018202433 (4C)
2018202435 (4C) 2018202437 (4C) 2018202487 (4C)
2018202517 (14) 2018204850 (14) 2018214665 (5C)
2018236703 (14) 2018236805 (14) 2018247919 (4C)
2018248085 (4C) 2018248331 (4C) 2018249540 (4C)
2018249925 (4C) 2018249957 (4C) 2018250270 (4C)
2018250333 (4C) 2018250463 (14) 2018250564 (4C)
2018250793 (14) 2018250964 (4C) 2018251087 (14)
2018251758 (14) 2018256031 (14) 2018259114 (4C)
2018259536 (14) 2018281682 (4C) 2018281716 (4C)
2018283901 (14) 2018314123 (4C) 2018354330 (5C)
2018361971 (5C) 2018379713 (5C) 2018395397 (5C)
2018417526 (14) 2018418498 (4D) 2018448950 (5C)

2019

2019100361 (22E) 2019100373 (22E) 2019200239 (14)
2019201069 (5C) 2019201585 (14) 2019202344 (4A)
2019202351 (14) 2019202360 (14) 2019202362 (14)
2019202363 (14) 2019202364 (14) 2019202365 (14)
2019202366 (14) 2019202367 (14) 2019202369 (14)
2019202370 (14) 2019202371 (14) 2019202376 (14)
2019202403 (4B) 2019202404 (4C) 2019202409 (14)
2019202475 (14) 2019202488 (14) 2019202489 (14)
2019202491 (14) 2019202492 (14) 2019202518 (14)
2019203027 (14) 2019203323 (14) 2019203688 (14)
2019204196 (14) 2019247229 (4C) 2019247309 (14)
2019247321 (4C) 2019247386 (4C) 2019247628 (4C)
2019247641 (4C) 2019247947 (4C) 2019247957 (4C)
2019248256 (14) 2019248261 (14) 2019248403 (14)
2019249377 (4C) 2019251102 (14) 2019252328 (4C)

2019252496 (14) 2019254674 (5C) 2019257361 (1B)
2019257411 (1B) 2019257438 (1B) 2019261683 (1B)
2019261875 (14) 2019262743 (14) 2019264172 (14)
2019268572 (5C) 2019286777 (5C) 2019289363 (4B)
2019301133 (25D) 2019310417 (4B) 2019313391 (4B)
2019314850 (4B) 2019314851 (4B) 2019331934 (4B)
2019369415 (1B) 2019369418 (1B) 2019369498 (1B)
2019370062 (1B) 2019370301 (1B) 2019370374 (1B)
2019370377 (1B) 2019370381 (1B) 2019370387 (1B)
2019370471 (1B) 2019370565 (1B) 2019370634 (5C)
2019370716 (1B) 2019370734 (1B) 2019370754 (1B)
2019370757 (1B) 2019370785 (1B) 2019370805 (1B)
2019370881 (1B) 2019370900 (1B) 2019370977 (1B)
2019371382 (1B) 2019371413 (1B) 2019371441 (1B)
2019372031 (1B) 2019372141 (1B) 2019372183 (1B)
2019372282 (1B) 2019372331 (1B) 2019372428 (1B)
2019372438 (1B) 2019372441 (1B) 2019372673 (1B)
2019372997 (1B) 2019373457 (1B) 2019373660 (1B)
2019373731 (1B) 2019374060 (1B) 2019374064 (1B)
2019374102 (1B) 2019374135 (1B) 2019374148 (1B)
2019374775 (1B) 2019374788 (1B) 2019374790 (1B)
2019374800 (1B) 2019375198 (1B) 2019375206 (1B)
2019375413 (1B) 2019375495 (1B) 2019375543 (1B)
2019375737 (1B) 2019375920 (1B) 2019375935 (1B)
2019375976 (1B) 2019376282 (1B) 2019376498 (1B)
2019377008 (1B) 2019377074 (1B) 2019384362 (5C)
2019391689 (4C) 2019392063 (4C) 2019392064 (4C)
2019392065 (4C) 2019393692 (4C) 2019394682 (4C)
2019432491 (5C) 2019438860 (4A) 2019438987 (4C)
2019440158 (4C)

2020

2020100535 (22E) 2020100544 (22E) 2020201460 (14)
2020203968 (14) 2020204163 (4C) 2020223665 (5C)
2020233809 (5C) 2020252072 (5C) 2020255984 (5C)
2020257885 (5C) 2020260060 (5C) 2020263384 (5C)
2020263485 (5C) 2020263584 (5C) 2020267402 (5C)
2020271056 (5C) 2020272134 (5C) 2020273451 (5C)
2020288708 (5C) 2020302464 (5C) 2020315899 (5C)
2020316289 (5C) 2020444463 (5C)

2021

2021101718 (22E) 2021101719 (22E) 2021101720 (22E)
2021101721 (22E) 2021101722 (22E) 2021101723 (22E)
2021101724 (22E) 2021101725 (22E) 2021101726 (22E)
2021101727 (22E) 2021101728 (22E) 2021101729 (22E)
2021101730 (22E) 2021101731 (22E) 2021101733 (22E)
2021101734 (22E) 2021101736 (22E) 2021101737 (22E)
2021101738 (22E) 2021101740 (22E) 2021101741 (22E)
2021101742 (22E) 2021101743 (22E) 2021101744 (22E)
2021101745 (22E) 2021101746 (22E) 2021101747 (22E)
2021101748 (22E) 2021101750 (22E) 2021101751 (22E)
2021101752 (22E) 2021101755 (22E) 2021101756 (22E)
2021101757 (22E) 2021101758 (22E) 2021101759 (22E)
2021101760 (22E) 2021101762 (22E) 2021101763 (22E)
2021101764 (22E) 2021101765 (22E) 2021101766 (22E)
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2021101771 (22E) 2021101772 (22E) 2021101773 (22E)
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2021101780 (22E) 2021101781 (22E) 2021101786 (22E)
2021101788 (22E) 2021101789 (22E) 2021101790 (22E)
2021101791 (22E) 2021101792 (22E) 2021101793 (22E)
2021101797 (22E) 2021101799 (22E) 2021101800 (22E)
2021101804 (22E) 2021101805 (22E) 2021101807 (22E)
2021101808 (22E) 2021101809 (22E) 2021101811 (22E)
2021101812 (22E) 2021101813 (22E) 2021101814 (22E)
2021101816 (22E) 2021101821 (22E) 2021101822 (22E)
2021101823 (22E) 2021101824 (22E) 2021101826 (22E)
2021101827 (22E) 2021101829 (22E) 2021101830 (22E)
2021101831 (22E) 2021101832 (22E) 2021101834 (22E)
2021101835 (22E) 2021101836 (22E) 2021101837 (22E)
2021101838 (22E) 2021101840 (22E) 2021101842 (22E)

2021101844 (22E) 2021101845 (22E) 2021101846 (22E)
 2021101847 (22E) 2021201961 (4C) 2021202345 (4C)
 2021202778 (5C) 2021203167 (5C) 2021203912 (4C)
 2021203938 (5C) 2021203964 (5C) 2021204247 (5C)
 2021204331 (5C) 2021204688 (5C) 2021204741 (5C)
 2021209197 (5C) 2021209271 (5C) 2021212082 (5C)
 2021212157 (5C) 2021212160 (5C) 2021212163 (5C)
 2021215205 (5C) 2021215295 (5C) 2021217991 (5C)
 2021221896 (5C) 2021229162 (5C) 2021229234 (5C)
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 2021236532 (4C) 2021236535 (4C) 2021240129 (5C)
 2021240158 (4C) 2021240323 (5C) 2021240334 (5C)
 2021245205 (5C) 2021250962 (5C) 2021254522 (5C)
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2022

2022100069 (21F) 2022202319 (5CN) 2022209261 (5C)
 2022218537 (5C) 2022218550 (5C) 2022224862 (4C)
 2022235544 (5C) 2022291427 (12CN) 2022903108 (12AN)
 2022903119 (12AN) 2022903137 (12AN) 2022903156 (12AN)
 2022903157 (12AN) 2022903191 (12AN)

2023

2023200722 (4B) 2023208148 (1B) 2023208200 (1B)
 2023210525 (1B) 2023210545 (1B) 2023210588 (7AN)
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Assignments before Grant, Section 113

2017

2017217248 La Trobe University The application has been assigned to **Peter MacCallum Cancer Institute**

2017346879 The Medicines Company The application has been assigned to **Novartis AG**

2018

2018266727 Acteuro Limited The application has been assigned to **Advanced Chain Technologies (A.C.T.) Pty Ltd**

2018295118 Sichuan Baili Pharmaceutical Co. Ltd.; Systimmune, Inc. The application has been assigned to **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; Systimmune, Inc.**

2018295119 Sichuan Baili Pharmaceutical Co. Ltd.; Systimmune, Inc. The application has been assigned to **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; Systimmune, Inc.**

2018348801 DDP Specialty Electronic Materials US 9, LLC; LTS Lohmann Therapie-Systeme AG The application has been assigned to **LTS LOHMANN Therapie-Systeme AG**

2018348802 DDP Specialty Electronic Materials US 9, LLC; LTS Lohmann Therapie-Systeme AG The application has been assigned to **LTS LOHMANN Therapie-Systeme AG**

2018369878 Bayer CropScience LP The application has been assigned to **Ginkgo Bioworks, Inc.**

2019

2019243448 Sichuan Baili Pharmaceutical Co. Ltd.; Systimmune, Inc. The application has been assigned to **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; Systimmune, Inc.**

Assignments before Grant, Section 113

2019243453 Systimmune, Inc.; Sichuan Baili Pharmaceutical Co. Ltd. The application has been assigned to **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; Systimmune, Inc.**

2019351949 Project & Communications Ltd. The application has been assigned to **O3 ZONE LIMITED**

2019352818 Genting International Gaming & Resort Technologies Pte. Ltd The application has been assigned to **RESORTS WORLD AT SENTOSA PTE. LTD.**

2019381797 Bayer CropScience LP The application has been assigned to **Ginkgo Bioworks, Inc.**

2020

2020274525 Bayer CropScience LP The application has been assigned to **Ginkgo Bioworks, Inc.**

2020315403 Anchor Manufacturing Group, Inc. The application has been assigned to **CERAMIC BLADE TECHNOLOGIES LLC**

2020339071 UniferX International GmbH The application has been assigned to **UniferX Invest GmbH**

2020381702 Institute of Quality Standard and Testing Technology for Agro-Products, Chinese Academy of Agricultural Sciences The application has been assigned to **Beijing Yishi Biotech Co., Ltd.**

2020383878 Institute of Quality Standard and Testing Technology for Agro-Products, Chinese Academy of Agricultural Sciences The application has been assigned to **Beijing Yishi Biotech Co., Ltd.**

2020428501 InnoTherapy Inc. The application has been assigned to **GluGene Therapeutics Inc.**

2020442003 Sichuan Baili Pharmaceutical Co., Ltd The application has been assigned to **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.**

2021

2021200290 National Health Research Institutes; Tseng, Yufeng Jane; National Taiwan University; National Chiao Tung University The application has been assigned to **National Yang Ming Chiao Tung University; National Taiwan University; National Health Research Institutes; Tseng, Yufeng Jane**

2021231757 Ventria Bioscience Inc. The application has been assigned to **ExpressTec LLC**

2021248643 Visterra, Inc.; Plante, Obadiah; Koch, Tyree The application has been assigned to **Visterra, Inc.**

2021268388 Copperville Pty Ltd The application has been assigned to **Prior, David**

2021282577 Faeth Therapeutics, Inc. The application has been assigned to **Cancer Research Technology Limited; Faeth Therapeutics, Inc.**

Assignments before Grant, Section 113

2021361938 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; SICHUAN BAILI PHARM CO., LTD. The application has been assigned to **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.**

2021378639 INNOVAERO TECHNOLOGIES PTY LTD The application has been assigned to **Innovaero Holdings Pty Ltd**

2021407343 WORKFORCE BIOLOGICS LTD The application has been assigned to **Maze Green Ltd**

2022

2022202115 Archemix LLC The application has been assigned to **IVERIC bio., Inc.**

2022213131 TOYOTA JIDOSHA KABUSHIKI KAISHA; AGC INC. The application has been assigned to **AGC INC.**

2022218084 AXIOS MEDIA INC. The application has been assigned to **Axios HQ Inc**

2022218642 ONCORUS, INC. The application has been assigned to **ElevateBio Technologies, Inc.**

2022228240 SCHNU, LLC The application has been assigned to **L&L Candle Company, LLC**

2022254109 SMITH, Grady The application has been assigned to **Grady F. Smith & co., Inc.**

2022261980 SMITH, Grady The application has been assigned to **Grady F. Smith & Co., Inc.**

2022263242 GUARDTOP, LLC The application has been assigned to **CoolSeal LLC**

2022291451 Xolution GmbH The application has been assigned to **Xolution Technology GmbH**

2022291453 Xolution GmbH The application has been assigned to **Xolution Technology GmbH**

2023

2023203263 Woodstream Corporation The application has been assigned to **ICB Pharma Tomasz Swietoslowski, Pawel Swietoslowski spolka jawna; Woodstream Corporation**

2023203265 Woodstream Corporation The application has been assigned to **ICB Pharma Tomasz Swietoslowski, Pawel Swietoslowski spolka jawna; Woodstream Corporation**

2023901885 Nakon, David; Millar, Matthew; Canopean Pty Ltd The application has been assigned to **Canopean Pty Ltd**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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

2009

2009217223 **Curtin University of Technology** An application to extend the time from 19 Feb 2023 to 19 Sep 2023 in which to pay a renewal fee has been filed . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

2017

2017101809 **Darling, L.; Moloney, F.** An application to extend the time from 27 Dec 2022 to 27 Aug 2023 in which to pay a renewal fee has been filed . Address for service - Liam Darling 22a Hopkins St MEREWETHER NSW 2291 AU

2018

2018100039 **Darling, L.; MOLONEY, F.** An application to extend the time from 10 Jan 2023 to 10 Sep 2023 in which to pay a renewal fee has been filed . Address for service - Liam Darling 22a Hopkins St MEREWETHER NSW 2291 AU

2019

2019211352 **Xeris Pharmaceuticals, Inc.; Joslin Diabetes Center, Inc.** An application to extend the time from 23 Jan 2023 to 23 Sep 2023 in which to pay a renewal fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019249801 **Ati Properties LLC** An application to extend the time from 20 Mar 2023 to 20 Oct 2023 in which to pay a continuation fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2021

2021204606 **Shenzhen Enduring Biotech, Ltd.** An application to extend the time from 11 Oct 2022 to 11 May 2023 in which to pay a continuation fee has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2023

2023248140 **Lynam, B.** An application to extend the time from 23 Jun 2023 to 23 Oct 2023 in which to make a further application for a divisional patent has been filed . Address for service - Patentec Patent Attorneys L11, 65 York Street Sydney NSW 2000 AU

Applications Allowed - Section 223(2)

2006

2006203308 **Ekistica Pty Ltd, T/A CAT Projects** The time in which to pay a renewal fee has been extended to 03 Jun 2023 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2006203538 **Rural Industries Research & Development Corporation; The Crown in the right of the State of New South Wales** The time in which to pay a renewal fee has been extended to 16 Aug 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

Extensions of Time, Section 223

2008

2008283836 **IROA Technologies LLC** The time in which to pay a renewal fee has been extended to 06 Aug 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2017

2017263178 **medFit Beratungs-Und Beteiligungsges.m.b.H** The time in which to pay a renewal fee has been extended to 26 May 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017265077 **Applied Explosives Technology Pty Limited** The time in which to gain acceptance has been extended to 20 Nov 2023 . Address for service - Wallington-Dummer Suite 1005 Level 10 66 Hunter Street Sydney NSW 2000 AU

2018

2018201733 **ESCO Group LLC** in which to file the Statement of Grounds and Particulars has been extended to 05 Oct 2021 . Address for service - MINTER ELLISON Collins Arch 447 Collins St Melbourne VIC 3000 AU

2019

2019100775 **Sadler, H.** The time in which to pay a renewal fee has been extended to 17 May 2023 . Address for service - Hamish Sadler 22 Worchester Cres Wakerley QLD 4154 AU

2019101410 **VRTY PTY LTD** The time in which to pay a renewal fee has been extended to 16 Jun 2023 . Address for service - VRTY PTY LTD 301/46 Kippax Street Surry Hills NSW 2010 AU

2019320555 **Applied Science & Technology Solutions Ltd** The time in which to pay the acceptance fee has been extended to 11 Oct 2023 . Address for service - Ascot Martin Registered Patent & Trade Mark Attorneys PO Box 3191 Moorabbin East VIC 3189 AU

2019334574 **Lead Discovery Center GmbH; Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.** The time in which to request examination has been extended to 18 Oct 2023 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2019336267 **Eftsure Pty Ltd** The time in which to request examination has been extended to 06 Sep 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2020

2020335396 **Trivedi, J.** The time in which to pay the acceptance fee has been extended to 01 Nov 2023 . Address for service - JITIN TRIVEDI 24 Alamar Cres Quakers Hill NSW 2763 AU

2021

2021220335 **UPL LIMITED** The time in which to enter the National Phase has been extended to 12 Aug 2023 . Address for service - Churchill Attorneys PO BOX 3238 BURNLEY NORTH VIC 3121 AU

2021220702 **UPL LIMITED** The time in which to enter the National Phase has been extended to 12 Aug 2023 . Address for service - Churchill Attorneys PO BOX 3238 BURNLEY NORTH VIC 3121 AU

Extensions of Time, Section 223

2022

2022204533 **L3Harris Technologies, Inc.** The time in which to pay the acceptance fee has been extended to 18 Oct 2023 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

Amendments

Applications for Amendment

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

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

2002

2002344419 Alpha-form or beta-form crystal of acetanilide derivative **Astellas 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

2017

2017209342 A composition comprising an algal proteoglycan extract and use thereof **Qi, Q.** The nature of the amendment is as shown in the statement(s) filed 16 Oct 2023 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2017227776 AAV vectors for treatment of dominant retinitis pigmentosa **University of Florida Research Foundation, Inc. ; The Trustees of the University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 27 Sep 2023 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017295886 Treatment and prevention of cytokine release syndrome using a chimeric antigen receptor in combination with a kinase inhibitor **Novartis AG ; The Trustees of the University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019379808 Inhibitors of ARG1 and/or ARG2 **Arcus Biosciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2020

2020307144 Road construction materials spreading vehicle **QFE Holdings Pty. Ltd.** The nature of the amendment is as shown in the statement(s) filed 15 Sep 2023 . Address for service - Pipers Intellectual Property 1st Floor 3 Owens Road Epsom Auckland 1023 NZ

2020364266 Oral care compositions and methods of use **Colgate-Palmolive Company** The nature of the amendment is as shown

Amendments

in the statement(s) filed 13 Oct 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021202433 **Neuroactive steroids, compositions, and uses thereof Sage Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021203840 **N4-hydroxycytidine and derivatives and anti-viral uses related thereto Emory University** The nature of the amendment is as shown in the statement(s) filed 16 Oct 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021234308 **Methods of preparing 1'-cyano nucleosides Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022

2022202568 **SOLUTIONS EMPLOYING HERBICIDES AND BUFFERED AMINE OXIDES TO KILL WEEDS AND RELATED METHODS Kop-Coat, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Aug 2023 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Amendments Made

2008

2008202373 **CTA Australia Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 23 Jun 2020 and 11 Nov 2020

2013

2013212582 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Russell-Clarke, Peter; Pilliod, Michael K. and Ive, Jonathan P.

2014

2014314053 **Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement(s) filed 14 Jul 2023

2015

2015203736 **Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.** The nature of the amendment is as shown in the statement(s) filed 27 Jun 2023

2016

2016357303 **University of Georgia Research Foundation, Inc.; Aruna Biomedical, Inc.** The nature of the amendment is: Amend the invention title to read Neural cell extracellular vesicles

2017

2017201632 **Rondo Building Services Pty Limited** The nature of the amendment is as shown in the statement(s) filed 11 Jul 2023

2017302668 **Novartis AG; The Trustees of the University of Pennsylvania** The nature of the amendment is: Amend the name of the inventor to read Anak, Oezlem; Bilic, Sanela; Brogdon, Jen-

Amendments

nifer; Cameron, John Scott; Chou, William; Howard, Danny Roland Jr.; Isaacs, Randi; June, Carl H.; Lacey, Simon; Maude, Shannon; Melenhorst, Jan J.; Schuster, Stephen; Quintas-Cardama, Alfonso; Grupp, Stephan and Bitter, Hans

2018

2018239360 **Hayward Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2023

2018344739 **Shionogi & Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read OKAMOTO, Kazuya; UENO, Tatsuhiko; HATO, Yoshio and MAJIMA, Shohei

2018398889 **China Railway Engineering Equipment Group Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 Jul 2023

2019

2019418813 **Tempus Labs, Inc.** The nature of the amendment is: Amend the name of the inventor to read LEFKOFSKY, Hailey; HAFEZ, Ashraf; HABIB, Julian; FISHEL QUEEN, Carin and EPSTEIN, Caroline

2020

2020100560 **CPR Group Australia Pty Ltd** The nature of the amendment is: Amend the invention title to read A shroud

2020225578 **Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Jul 2023

2020260070 **Hensley Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2023 and 24 July 2023

2020260458 **FCX Solar LLC** The nature of the amendment is as shown in the statement(s) filed 24 Mar 2023 and 8 May 2023

2020277091 **Sangamo Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2023

2020438755 **Shenzhen Institutes of Advanced Technology** The nature of the amendment is: Application is to proceed under the number 2020104496

2021

2021204547 **Nilo Limited** The nature of the amendment is: Amend the name of the inventor to read COVENY, Philip Kenneth and HODGSON, Thomas Clarence

2021206431 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read INDICATION METHOD FOR PUNCTURING INFORMATION, AND COMMUNICATION APPARATUS

2021221664 **Trakwise Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2021107686

2021221668 **Trakwise Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2021107685

Amendments

2021233125 **HORL 1993 GmbH** The nature of the amendment is: Amend the invention title to read Roller grinder

2021387969 **LABORATORY CORPORATION OF AMERICA HOLDINGS** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2023

2021428650 **mitsubishi electric corporation** The nature of the amendment is: Amend the invention title to read Motor drive apparatus, refrigeration cycle apparatus, air conditioner, water heater, and refrigerator

2021441826 **CAPTANA GMBH** The nature of the amendment is: Amend the invention title to read Product Presentation Device With A Storage Structure For Placing Objects And With A Sensor For Detecting Inventory

2021443414 **BONG, H.H.; BONG, H.U.; BONG, D.A.** The nature of the amendment is: Amend the invention title to read STEAM PEELING DEVICE FOR AUTOMOBILE TINTING FILM

2021446673 **CAPTANA GMBH** The nature of the amendment is: Amend the invention title to read ACQUISITION UNIT FOR AN INVENTORY CONTROL SYSTEM

2022

2022236303 **IQ ENERGY INC.** The nature of the amendment is as shown in the statement(s) filed 06 Oct 2023

2022237852 **TOOPI ORGANICS** The nature of the amendment is: Amend the invention title to read METHOD FOR TREATING HUMAN OR ANIMAL URINE BY BASIFICATION AND USES OF THE URINE OBTAINED IN PARTICULAR AS FERTILISING SUBSTANCE

2022238450 **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** The nature of the amendment is: Amend the invention title to read Compositions and methods for targeting inflammatory or activated cells and treating or ameliorating inflammatory conditions and pain

2022241653 **THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK; FERRIC CONTRAST INC.** The nature of the amendment is: Amend the invention title to read Iron(III) macrocyclic complexes with mixed hydroxyl pendants as MRI contrast agents

2022242892 **MULTILIFT, INC.** The nature of the amendment is: Amend the priority details to read 63/165,533 24 Mar 2021 US and 17/380,993 20 Jul 2021 US

2022243768 **DAIKIN INDUSTRIES, LTD.** The nature of the amendment is: Amend the invention title to read Electric component unit, and outdoor unit of refrigeration apparatus

2022249377 **PORIFEROUS, LLC** The nature of the amendment is as shown in the statement(s) filed 09 Oct 2023

2022272835 **FOUNDATION FOR BIOMEDICAL RESEARCH AND INNOVATION AT KOBE; NATIONAL INSTITUTES OF BIOMEDICAL INNOVATION, HEALTH AND NUTRITION; MEIJI SEIKA PHARMA CO., LTD.** The nature of the amendment is: Amend the invention title to read ANTI-HUMAN PD-1 AGONIST ANTIBODY AND PHAR-

Amendments

MACEUTICAL COMPOSITION COMPRISING THE ANTIBODY FOR TREATING OR PREVENTING INFLAMMATORY DISEASES

2022278293 **KOMATSU LTD.** The nature of the amendment is: Amend the invention title to read Control system and control method for loading machine

2022307875 **SHIH, C.** The nature of the amendment is: Amend the invention title to read CRYSTALLINE FORMS OF (S, E)-4-(DIMETHYL-AMINO)-N-(3-(4-(2-HYDROXY-1-PHENYLETHYLAMINO)-6-PHENYL-FURO[2,3-D]PYRIMIDIN-5-YL)PHENYL)BUT-2-ENAMIDE FREE BASE

2023

2023200338 **CMR Surgical Limited** The nature of the amendment is: Amend the name of the inventor to read MCBRIEN, Dominic Martin; HIRD, Aidan and MARSHALL, Keith

2023239927 **LG CHEM, LTD.** The nature of the amendment is: Amend the invention title to read POROUS INORGANIC PARTICLE, AND COMPOSITE FILLER, PRODUCT USING THE SAME

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

2006

2006234758 SDU Identification B.V. The name of the patentee has been altered to **IDEMIA THE NETHERLANDS BV**

2009

2009202225 Roads and Maritime Services The name of the patentee has been altered to **Transport for NSW**

2010

2010241457 Oberthur Technologies The name of the patentee has been altered to **IDEMIA France**

2011

2011201446 Oberthur Technologies The name of the patentee has been altered to **IDEMIA France**

2011204786 Oberthur Technologies The name of the patentee has been altered to **IDEMIA France**

2013

2013200057 Thales; Universite de Rennes 1 The name of the patentee has been altered to **Thales; UNIVERSITE DE RENNES**

2013274030 Concert Pharmaceuticals, Inc. The name of the patentee has been altered to **Sun Pharmaceutical Industries, Inc.**

2013302365 Decipher Biosciences, Inc. ; Mayo Foundation for Medical Education and Research The name of the patentee has been altered to **Mayo Foundation for Medical Education and Research; Veracyte SD, Inc.**

2014

2014270306 Universite de Bretagne Occidentale; Centre National de la Recherche Scientifique (C.N.R.S); Universite de Rennes 1 The name of the patentee has been altered to **Universite de Bretagne Oc-**

Amendments

cidentale; Centre National de la Recherche Scientifique (C.N.R.S); UNIVERSITE DE RENNES

2014308610 MorphoTrust USA, LLC The name of the patentee has been altered to **IDEMIA Identity & Security USA LLC**

2015

2015206189 The Trustees of Dartmouth College; Kings College London; Spaller, Mark The name of the patentee has been altered to **The Trustees of Dartmouth College; Kings College London**

2015340387 Oberthur Technologies The name of the patentee has been altered to **IDEMIA France**

2015356909 Oberthur Technologies The name of the patentee has been altered to **IDEMIA France**

2016

2016238877 Concert Pharmaceuticals, Inc. The name of the patentee has been altered to **Sun Pharmaceutical Industries, Inc.**

2016256860 Neutron Therapeutics, Inc. The name of the patentee has been altered to **Neutron Therapeutics LLC**

2016263523 TDF; Universite de Rennes 1 The name of the patentee has been altered to **TDF; UNIVERSITE DE RENNES**

2016307384 TDF; Universite de Rennes 1 The name of the patentee has been altered to **TDF; UNIVERSITE DE RENNES**

2016341183 Oberthur Technologies of America Corp. The name of the patentee has been altered to **IDEMIA AMERICA CORP.**

2017

2017261286 Concert Pharmaceuticals, Inc. The name of the patentee has been altered to **Sun Pharmaceutical Industries, Inc.**

2017315425 The Regents of the University of Michigan; Decipher Biosciences, Inc. The name of the applicant has been altered to **Veracyte SD, Inc.; The Regents of the University of Michigan**

2018

2018210695 The University of British Columbia; Decipher Biosciences, Inc. The name of the applicant has been altered to **The University of British Columbia; Veracyte SD, Inc.**

2018271227 Concert Pharmaceuticals, Inc. The name of the patentee has been altered to **Sun Pharmaceutical Industries, Inc.**

2018367296 Universite de Rennes 1; Le Floch, Albert The name of the applicant has been altered to **UNIVERSITE DE RENNES; Le Floch, A.**

2018367297 LE FLOCH, Albert; Universite de Rennes 1 The name of the patentee has been altered to **LE FLOCH, A.; UNIVERSITE DE RENNES**

Amendments

2018405051 Beijing Tusen Weilai Technology Co., Ltd. ; TuSimple, Inc. The name of the applicant has been altered to **Beijing Tusen Zhitu Technology Co., Ltd.; TuSimple, Inc.**

2019

2019200623 Presbyopia Therapies, LLC The name of the patentee has been altered to **Lenz Therapeutics, Inc.**

2019200736 THE NORTH AMERICAN COAL CORPORATION The name of the applicant has been altered to **NACCO Natural Resources Corporation**

2019201577 Decipher Biosciences, Inc. ; Mayo Foundation for Medical Education and Research The name of the patentee has been altered to **Mayo Foundation for Medical Education and Research; Veracyte SD, Inc.**

2019253113 Solaria Corporation The name of the applicant has been altered to **SolarCA LLC**

2019262797 Neutron Therapeutics, Inc. The name of the patentee has been altered to **Neutron Therapeutics LLC**

2020

2020103115 adpHence Australia Pty Ltd The name of the patentee has been altered to **ADPRINT & SIGNAGE AUSTRALIA PTY LTD**

2020219797 Concert Pharmaceuticals, Inc. The name of the applicant has been altered to **Sun Pharmaceutical Industries, Inc.**

2020271115 Solaria Corporation The name of the applicant has been altered to **SolarCA LLC**

2020315211 Menarini Biomarkers Singapore Pte Ltd The name of the applicant has been altered to **A. Menarini Biomarkers Singapore Pte. Ltd.**

2020385118 Solaria Corporation The name of the applicant has been altered to **SolarCA LLC**

2021

2021229255 Park Jr., William; Lambert, Mark; Gillespie, Joseph; Smick, Noah; Sakase, Takao; Neutron Therapeutics, Inc. The name of the applicant has been altered to **Neutron Therapeutics LLC; Park Jr., W.; Lambert, M.; Gillespie, J.; Smick, N.; Sakase, T.**

2021273545 Mayo Foundation for Medical Education and Research; Decipher Biosciences, Inc. The name of the applicant has been altered to **Veracyte SD, Inc.; Mayo Foundation for Medical Education and Research**

2021300294 Concert Pharmaceuticals, Inc. The name of the applicant has been altered to **Sun Pharmaceutical Industries, Inc.**

2022

2022228088 Kindred Biosciences, Inc. The name of the applicant has been altered to **Elanco US Inc.**

Amendments

2022259611 NEUROPN THERAPEUTICS, LLC The name of the applicant has been altered to **NeuroPn Therapeutics, Inc.**

2022260813 PIKE THERAPEUTICS, INC. The name of the applicant has been altered to **Pike Therapeutics Inc.**

2023

2023201112 Concert Pharmaceuticals, Inc. The name of the applicant has been altered to **Sun Pharmaceutical Industries, Inc.**

2023902101 Leaf Resources Ltd The name of the applicant has been altered to **Foresta Group Holdings Limited**

2023902703 Quantum Brilliance Pty Ltd The name of the applicant has been altered to **Quantum Brilliance GmbH**

Applications Open to Public Inspection

Name Index

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

(71) Able High International Ltd.
 (11) AU-A-2023248116
 (21) 2023248116 (22) 11.10.2023
 (54) Separation of stacked containers in an automatic container feed arrangement
 (51) Int. Cl.
B65D 43/16 (2006.01)
B29C 51/00 (2006.01)
B65D 5/66 (2006.01)
B65D 6/18 (2006.01)
B65D 21/02 (2006.01)
B65D 43/08 (2006.01)
E05D 1/00 (2006.01)
 (43) 02.11.2023
 (62) 2016225935
 (72) Mo, Helan
 (74) Intelpro Patent & Trade Mark Attorneys

(71) Acer Incorporated
 (11) AU-A-2023201729
 (21) 2023201729 (22) 20.03.2023
 (54) DEVICE AND METHOD FOR HANDLING SEARCH SPACE SET GROUP AND TRANSMISSION CONFIGURATION INDICATOR STATE
 (51) Int. Cl.
H04W 72/23 (2023.01)
H04L 5/00 (2006.01)
H04W 72/02 (2009.01)
H04W 72/04 (2023.01)
 (31) 63/331,257 (32) 15.04.22 (33) US 18/121,015 14.03.23 US
 (43) 02.11.2023
 (72) LO, Li-Chung; LEE, Chien-Min; CHEN, Jen-Hsien
 (74) Griffith Hack

(71) Aclaris Therapeutics, Inc.
 (11) AU-A-2023248127
 (21) 2023248127 (22) 12.10.2023
 (54) SUBSTITUTED PYRROLOPYRIMIDINE JAK INHIBITORS AND METHODS OF MAKING AND USING THE SAME
 (51) Int. Cl.
C07D 239/95 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
 (43) 02.11.2023
 (62) 2018360059
 (72) ANDERSON, David Randolph; HOCKERMAN, Susan Landis; BLINN, James Robert; JACOBSEN, Eric Jon
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2023200647

(21) 2023200647 (22) 07.02.2023
 (54) PARTIAL DEPTH ORDERING WITH VECTOR INTERLACING
 (51) Int. Cl.
G06T 11/60 (2006.01)
G06T 7/50 (2017.01)
 (31) 17/719,847 (32) 13.04.22 (33) US
 (43) 02.11.2023
 (72) Dhanuka, Praveen; Kumar, Harish; Jain, Arushi
 (74) RnB IP Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2023248132
 (21) 2023248132 (22) 12.10.2023
 (54) TABLE GAME SYSTEM
 (51) Int. Cl.
A63F 1/14 (2006.01)
A63F 1/12 (2006.01)
A63F 1/18 (2006.01)
G07F 17/32 (2006.01)
A63F 9/24 (2006.01)
 (43) 02.11.2023
 (62) 2022200898
 (72) Shigeta, Yasushi
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2023248182
 (21) 2023248182 (22) 13.10.2023
 (54) FRAUD DETECTION SYSTEM IN CASINO
 (51) Int. Cl.
G07C 11/00 (2006.01)
A47B 25/00 (2006.01)
G06T 7/00 (2017.01)
 (43) 02.11.2023
 (62) 2021225257
 (72) Shigeta, Yasushi
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2023251385
 (21) 2023251385 (22) 16.10.2023
 (54) System, chip tray, and method
 (51) Int. Cl.
A63F 11/00 (2006.01)
G07D 9/02 (2006.01)
G07F 17/32 (2006.01)
 (43) 02.11.2023
 (62) 2019356918
 (72) GÉLINOTTE, Emmanuel Sylvain; SOUILLLOT, Jonathan; MOLINA, Bernard; EMERIC, Jason; REED, Jeffrey; GRONAU, Gregory; SHIGETA, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023248134
 (21) 2023248134 (22) 12.10.2023
 (54) Systems and methods for proactively identifying and surfacing relevant content on a touch-sensitive device
 (51) Int. Cl.
G06F 3/0486 (2013.01)
G06F 3/0488 (2022.01)
G06F 9/44 (2018.01)
 (43) 02.11.2023
 (62) 2022200758
 (72) GROSS, Daniel C.; COFFMAN, Patrick L.; DELLINGER, Richard R.; FOSS, Christopher P.; GAUCI, Jason J.; HAGHIGHI, Aria D.; IRANI, Cyrus D.; JONES, Bronwyn A.; KAPOOR, Gaurav; LEMAY, Stephen O.; MORRIS, Colin C.; SIRACUSA, Michael R.; YANG, Lawrence Y.; RAMERTH, Brent D.; BELLEGARDA, Jerome R.; DOLFING, Jannes G. A.; PAGALLO, Giulia M.; WANG, Xin; HATORI, Jun; MOHA, Alexandre R.; TOUDJI, Sofiane; CLARK, Kevin D.; KOHLSCHUETTER, Karl Christian; ANDERSEN, Jesper S.; ARRAS, Hafid; CARLHIAN, Alexandre; DENIAU, Thomas; MARTEL, Mathieu J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023248135
 (21) 2023248135 (22) 12.10.2023
 (54) Systems and methods for proactively identifying and surfacing relevant content on a touch-sensitive device
 (51) Int. Cl.
G06F 3/0486 (2013.01)
G06F 3/0488 (2022.01)
G06F 9/44 (2018.01)
 (43) 02.11.2023
 (62) 2022200758
 (72) GROSS, Daniel C.; COFFMAN, Patrick L.; DELLINGER, Richard R.; FOSS, Christopher P.; GAUCI, Jason J.; HAGHIGHI, Aria D.; IRANI, Cyrus D.; JONES, Bronwyn A.; KAPOOR, Gaurav; LEMAY, Stephen O.; MORRIS, Colin C.; SIRACUSA, Michael R.; YANG, Lawrence Y.; RAMERTH, Brent D.; BELLEGARDA, Jerome R.; DOLFING, Jannes G. A.; PAGALLO, Giulia M.; WANG, Xin; HATORI, Jun; MOHA, Alexandre R.; TOUDJI, Sofiane; CLARK, Kevin D.; KOHLSCHUETTER, Karl Christian; ANDERSEN, Jesper S.; ARRAS, Hafid; CARLHIAN, Alexandre; DENIAU, Thomas; MARTEL, Mathieu J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023248185

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 (54) Multi-participant live communication user interface
 (51) Int. Cl.
H04L 12/18 (2006.01)
H04L 12/58 (2006.01)
 (43) 02.11.2023
 (62) 2022228207
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 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2023248196 (22) 13.10.2023
 (54) User interfaces for health monitoring
 (51) Int. Cl.
G16H 50/30 (2018.01)
G16H 70/20 (2018.01)
 (43) 02.11.2023
 (62) 2021261861
 (72) Soli, Christopher D.; Crowley, Matthew W.; Griffin, Bradley W.; Butcher, Gary Ian; Brittain, Roxanne; Daniel, Heather E.; Lemay, Stephen O.
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
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 (21) 2023248097 (22) 11.10.2023
 (54) Surgical stapler with partial pockets
 (51) Int. Cl.
A61B 17/072 (2006.01)
A61B 17/064 (2006.01)
 (43) 02.11.2023
 (62) 2021203263
 (72) HOPKINS, Timothy; GADBERRY, Donald L.; BECERRA, Matthew M.; JASEMIAN, Babek; JOHNSON, Gary M.; DECKER, Steven E.
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2023202292
 (21) 2023202292 (22) 13.04.2023
 (54) ELECTRONIC GAME SYSTEMS AND METHODS WITH MULTIPLE META-MORPHIC FEATURES
 (51) Int. Cl.
G07F 17/34 (2006.01)
 (31) 18/298,134 (32) 10.04.23 (33) US
 63/331,023 14.04.22 US
 (43) 02.11.2023
 (72) Boese, Eric; Schultz, Bradley; Visser, Antoon
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2023202355
 (21) 2023202355 (22) 17.04.2023
 (54) Large LED Display for Multiple Gaming Format
 (51) Int. Cl.

G07F 17/32 (2006.01)
A63F 5/02 (2006.01)
A63F 5/04 (2006.01)
 (31) 18/301,103 (32) 14.04.23 (33) US
 63/332,200 18.04.22 US
 (43) 02.11.2023
 (72) Barbour, Timothy; Jadeja, Rajendrasingh; Rodriguez, Frank; Gong, Xiaoqi-ang; Shaffer, Jr., Stephen; Barker, Paul; Masinter II, Joseph; Thomas, Alfred
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2023248091
 (21) 2023248091 (22) 10.10.2023
 (54) GAMING SYSTEM AND A METHOD OF GAMING
 (51) Int. Cl.
A63F 5/04 (2006.01)
A63F 13/00 (2014.01)
G07F 17/34 (2006.01)
 (43) 02.11.2023
 (62) 2021212160
 (72) BENNETT, Nicholas Luke
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2023248092
 (21) 2023248092 (22) 10.10.2023
 (54) ELECTRONIC GAMING SYSTEM FOR CONDUCTING A WAGERING GAME AND METHOD OF USE
 (51) Int. Cl.
A63F 13/45 (2014.01)
 (43) 02.11.2023
 (62) 2021212157
 (72) PALMISANO, Angelo; WOOD, Keith A.
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2023248198
 (21) 2023248198 (22) 13.10.2023
 (54) A GAMING SYSTEM, A METHOD OF GAMING AND A JACKPOT CONTROLLER
 (51) Int. Cl.
G06Q 50/34 (2012.01)
A63F 13/00 (2014.01)
 (43) 02.11.2023
 (62) 2021215299
 (72) BRAMBLE, Paul Francis Jason
 (74) Griffith Hack

(71) Arvinas Operations, Inc.
 (11) AU-A-2023248067
 (21) 2023248067 (22) 10.10.2023
 (54) CEREBLON LIGANDS AND BIFUNCTIONAL COMPOUNDS COMPRISING THE SAME
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/438 (2006.01)
A61K 31/496 (2006.01)
A61K 31/519 (2006.01)

A61K 31/53 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 495/14 (2006.01)
 (43) 02.11.2023
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 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ASSURE TECH. (HANGZHOU) CO., LTD.
 (11) AU-A-2023219983
 (21) 2023219983 (22) 06.03.2023
 (54) NUCLEIC ACID DETECTION DEVICES AND NUCLEIC ACID DETECTION METHODS
 (51) Int. Cl.
C12M 1/00 (2006.01)
 (31) 202210400960.1 (32) 18.04.22 (33) CN
 (43) 02.11.2023
 (72) LING, Shisheng; LI, Jun; WANG, Liang; CHEN, Dong
 (74) Madderns Pty Ltd

(71) Austral Clothes Hoists Pty Ltd
 (11) AU-A-2022202465
 (21) 2022202465 (22) 13.04.2022
 (54) FOLDABLE CLOTHES DRYING APPARATUS
 (51) Int. Cl.
D06F 57/12 (2006.01)
 (43) 02.11.2023
 (72) Britton, Dean
 (74) mdp Patent and Trade Mark Attorneys

(71) Aviana Molecular Technologies, LLC
 (11) AU-A-2023248202
 (21) 2023248202 (22) 13.10.2023
 (54) Multiplexing surface acoustic wave sensors with delay line coding
 (51) Int. Cl.
H10N 30/80 (2023.01)
G01N 29/00 (2006.01)
H10N 30/00 (2023.01)
 (43) 02.11.2023
 (62) 2018298200
 (72) LAMOTHE, Marc; LI, Mo-Huang
 (74) Adams Pluck

(71) BASF Agricultural Solutions Seed US LLC
 (11) AU-A-2023248098
 (21) 2023248098 (22) 11.10.2023
 (54) AXM1477, AXM1482, AXM1486 AND AXM1525 TOXIN GENES FROM BACILLUS THURINGIENSIS AND METHODS FOR THEIR USE
 (51) Int. Cl.
C12N 15/82 (2006.01)
C07K 14/325 (2006.01)

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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023248145
 (21) 2023248145 (22) 12.10.2023
 (54) Ophthalmic suspension composition
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/14 (2006.01)
A61K 31/56 (2006.01)
A61K 31/573 (2006.01)
A61K 47/10 (2017.01)
A61K 47/32 (2006.01)
A61K 47/38 (2006.01)

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 (62) 2021203027
 (72) SHAWER, Mohannad; PHILLIPS, Eric; COFFEY, Martin J.
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(71) Becton, Dickinson and Company
 (11) AU-A-2023248174
 (21) 2023248174 (22) 13.10.2023
 (54) Needle capture safety interlock for catheter
 (51) Int. Cl.
A61M 5/32 (2006.01)
A61M 25/06 (2006.01)

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 (72) HARDING, Weston; STOKES, John; WANG, Aaron
 (74) FB Rice Pty Ltd

(71) Beijing FlowCloud Data Technology Co., Ltd.
 (11) AU-A-2022203992
 (21) 2022203992 (22) 08.06.2022
 (54) ELECTRODE PLATE FOR MULTITHREAD PARALLEL DISCHARGING AND ACTIVE FOG ION GENERATION DEVICE
 (51) Int. Cl.
H01T 23/00 (2006.01)
H05K 7/20 (2006.01)
 (31) 202210396941.6 (32) 15.04.22 (33) CN
 (43) 02.11.2023
 (72) Liu, Hening; Zhu, Liang
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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 (11) AU-A-2023248141
 (21) 2023248141 (22) 12.10.2023
 (54) Resins derived from renewable sources and structures manufactured from said resins
 (51) Int. Cl.
C08G 63/08 (2006.01)

(43) 02.11.2023
 (62) 2018258841
 (72) Jensen, Martin; Brorsen Pedersen, Thomas
 (74) Ascot Martin Registered Patent & Trade Mark Attorneys

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 (11) AU-A-2023248078
 (21) 2023248078 (22) 10.10.2023
 (54) A system for payment via electronic wallet
 (51) Int. Cl.
G06Q 20/36 (2012.01)

(43) 02.11.2023
 (62) 2021236487
 (72) Campos, Tomas Ariel; Miller, Keith; Llach, Teri; Harper, Kellie D.; Ansari, Ansar
 (74) Davies Collison Cave Pty Ltd

(71) Blackhawk Network, Inc.
 (11) AU-A-2023248081
 (21) 2023248081 (22) 10.10.2023
 (54) Prepaid card with savings feature
 (51) Int. Cl.
G06Q 40/00 (2023.01)
 (43) 02.11.2023
 (62) 2021236489
 (72) Harper, Kellie D.
 (74) Davies Collison Cave Pty Ltd

(71) Blackhawk Network, Inc.
 (11) AU-A-2023248178
 (21) 2023248178 (22) 13.10.2023
 (54) Systems and methods for providing a transaction card package assembly including sample product or service
 (51) Int. Cl.
G06K 19/00 (2006.01)
 (43) 02.11.2023
 (62) 2021218055
 (72) Miller, Amie Spagnolie Saverio
 (74) Davies Collison Cave Pty Ltd

(71) Blink AG
 (11) AU-A-2023248126
 (21) 2023248126 (22) 12.10.2023
 (54) A sample cartridge for incubating and/or analyzing a dispersion of particles, cells or droplets
 (51) Int. Cl.
B01L 3/00 (2006.01)
B01F 23/40 (2022.01)
B01F 31/00 (2022.01)
B01F 31/80 (2022.01)
B01F 35/00 (2022.01)
B01L 7/00 (2006.01)
G01N 15/14 (2006.01)
 (43) 02.11.2023
 (62) 2018293387
 (72) Schulz, Torsten; Ermantraut, Eugen; Steinmetzer, Katrin; Wolff, Alrik
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2023248154
 (21) 2023248154 (22) 12.10.2023
 (54) Inflatable penile prosthesis having a cylinder with a porous portion
 (51) Int. Cl.
A61F 2/26 (2006.01)
 (43) 02.11.2023
 (62) 2021250888
 (72) MUJWID, James Ryan; FELTON, Jessica Elizabeth; FREDRICK, Ryan Earl; ALBRECHT, Thomas Andrew; BOSTROM, John Anders
 (74) Spruson & Ferguson

(71) Boston Scientific Scimed Inc
 (11) AU-A-2023248070
 (21) 2023248070 (22) 10.10.2023
 (54) Reduced thrombosis blood pump
 (51) Int. Cl.
A61M 60/122 (2021.01)
A61M 60/237 (2021.01)
A61M 60/422 (2021.01)
A61M 60/825 (2021.01)
A61M 60/827 (2021.01)
A61M 60/829 (2021.01)
F16C 17/02 (2006.01)
F16C 17/08 (2006.01)
F16C 17/10 (2006.01)
F16C 23/04 (2006.01)
F16C 27/02 (2006.01)

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 (11) AU-A-2023248115
 (21) 2023248115 (22) 11.10.2023
 (54) LENS FOR MYOPIC EYE
 (51) Int. Cl.
G02C 7/06 (2006.01)
 (43) 02.11.2023
 (62) 2021203837
 (72) SANKARIDURG, Padmaja Rajagopal; FEDTKE, Cathleen; DONOVAN, Leslie Alan; SMITH III, Earl Leo; HO, Arthur; HOLDEN, Brien Anthony
 (74) Griffith Hack

(71) Brita Child Safety, Inc.
 (11) AU-A-2023202295
 (21) 2023202295 (22) 13.04.2023
 (54) PARKING BRAKE ASSEMBLIES FOR CHILD STROLLERS
 (51) Int. Cl.
B62B 9/08 (2006.01)
B62B 5/04 (2006.01)
 (31) 63/331,476 (32) 15.04.22 (33) US
 63/331,493 15.04.22 US
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 (72) Stacey, Angela; Yu, Huang Kai
 (74) Madderns Pty Ltd

(71) Butlr Technologies Inc.
 (11) AU-A-2023248184

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 (54) MONITORING HUMAN LOCATION, TRAJECTORY AND BEHAVIOR USING THERMAL DATA
 (51) Int. Cl.
 G08B 13/19 (2006.01)
 (43) 02.11.2023
 (62) 2023202347
 (72) DENG, Honghao; ZHANG, Ziran; ZHANG, Yan; ZENG, Jiani
 (74) Michael Buck IP

(71) Canon Kabushiki Kaisha
 (11) AU-A-2022202470
 (21) 2022202470 (22) 13.04.2022
 (54) Method, apparatus and system for encoding and decoding a tensor
 (51) Int. Cl.
 H04N 19/88 (2014.01)
 H04N 19/119 (2014.01)
 H04N 19/176 (2014.01)
 H04N 19/18 (2014.01)
 H04N 19/48 (2014.01)
 G06N 3/02 (2006.01)
 G06N 20/00 (2019.01)
 (43) 02.11.2023
 (72) ROSEWARNE, Christopher James; NGUYEN, Thi Hong Nhung
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
 (11) AU-A-2022202471
 (21) 2022202471 (22) 13.04.2022
 (54) Method, apparatus and system for encoding and decoding a tensor
 (51) Int. Cl.
 H04N 19/61 (2014.01)
 G06N 3/02 (2006.01)
 G06N 20/00 (2019.01)
 (43) 02.11.2023
 (72) ROSEWARNE, Christopher James; NGUYEN, Thi Hong Nhung
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
 (11) AU-A-2022202472
 (21) 2022202472 (22) 13.04.2022
 (54) Method, apparatus and system for encoding and decoding a tensor
 (51) Int. Cl.
 H04N 19/88 (2014.01)
 H04N 19/119 (2014.01)
 H04N 19/176 (2014.01)
 H04N 19/18 (2014.01)
 H04N 19/48 (2014.01)
 G06N 3/02 (2006.01)
 G06N 20/00 (2019.01)
 (43) 02.11.2023
 (72) ROSEWARNE, Christopher James; NGUYEN, Thi Hong Nhung
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(71) Canon Kabushiki Kaisha
 (11) AU-A-2022202473
 (21) 2022202473 (22) 13.04.2022
 (54) Method, apparatus and system for encoding and decoding a tensor

(51) Int. Cl.
 H04N 19/88 (2014.01)
 H04N 19/119 (2014.01)
 H04N 19/176 (2014.01)
 H04N 19/18 (2014.01)
 H04N 19/48 (2014.01)
 G06N 3/02 (2006.01)
 G06N 20/00 (2019.01)
 (43) 02.11.2023
 (72) NGUYEN, Thi Hong Nhung; ROSEWARNE, Christopher James
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
 (11) AU-A-2022202474
 (21) 2022202474 (22) 13.04.2022
 (54) Method, apparatus and system for encoding and decoding a tensor
 (51) Int. Cl.
 H04N 19/88 (2014.01)
 H04N 19/119 (2014.01)
 H04N 19/176 (2014.01)
 H04N 19/18 (2014.01)
 H04N 19/48 (2014.01)
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 (72) ROSEWARNE, Christopher James; NGUYEN, Thi Hong Nhung
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 (11) AU-A-2023248180
 (21) 2023248180 (22) 13.10.2023
 (54) Cartridge, process cartridge and electrophotographic image forming apparatus
 (51) Int. Cl.
 G03G 15/00 (2006.01)
 G03G 21/18 (2006.01)
 (43) 02.11.2023
 (62) 2021221578
 (72) SATO, Masaaki; KANNO, Kazuhiko; NISHIYA, Satoshi; YAMASHITA, Masatoshi
 (74) Spruson & Ferguson

(71) Cape Analytics, Inc.
 (11) AU-A-2023248173
 (21) 2023248173 (22) 13.10.2023
 (54) Method for Property Feature Segmentation
 (51) Int. Cl.
 G06T 7/11 (2017.01)
 G06F 18/00 (2023.01)
 (43) 02.11.2023
 (62) 2021285832
 (72) RICHTER, Fabian; PORTAIL, Matthieu; ERICKSON, Jason
 (74) PIPERS

(71) Caravel Therapeutics, Inc.
 (11) AU-A-2023202162
 (21) 2023202162 (22) 07.04.2023
 (54) PRESERVATIVE-FREE OPHTHALMIC PHARMACEUTICAL EMULSION AND ITS APPLICATION

(51) Int. Cl.
 A61K 31/5575 (2006.01)
 A61K 9/107 (2006.01)
 A61K 47/10 (2017.01)
 A61K 47/18 (2017.01)
 A61K 47/44 (2017.01)
 A61P 27/02 (2006.01)
 A61P 27/06 (2006.01)
 (31) 63/330,324 (32) 13.04.22 (33) US
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 (72) Su, Wei-Wen; Lee, Chien-Hung
 (74) LAMINAR IP PTY LTD

(71) Caris Science, Inc.
 (11) AU-A-2023226698
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 (54) OLIGONUCLEOTIDE PROBES AND USES THEREOF
 (51) Int. Cl.
 C12N 15/10 (2006.01)
 C12N 15/115 (2010.01)
 C12Q 1/68 (2018.01)
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 (62) 2017235661
 (72) Domenyuk, Valeriy; Hornung, Tassilo; O'Neill, Heather; Miglarese, Mark; Spetzler, David
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) CASE WESTERN RESERVE UNIVERSITY
 (11) AU-A-2023248193
 (21) 2023248193 (22) 13.10.2023
 (54) COMPOSITIONS AND METHODS OF MODULATING S-NITROSYLATION
 (51) Int. Cl.
 A61K 31/417 (2006.01)
 A61K 31/4172 (2006.01)
 G01N 33/573 (2006.01)
 (43) 02.11.2023
 (62) 2021203023
 (72) STAMLER, Jonathan S.
 (74) Oxygene IP

(71) Celularity Inc.
 (11) AU-A-2023251392
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 (54) METHOD OF PRODUCING ERYTHROCYTES WITHOUT FEEDER CELLS
 (51) Int. Cl.
 C12N 5/0789 (2010.01)
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 (72) ABBOT, Stewart; KANG, Lin; VOSKINARIAN-BERSE, Vanessa; ZHANG, Xiaokui
 (74) HENRY HUGHES IP LTD

(71) Centre for Development of Advanced Computing; National Institute of Technology Calicut
 (11) AU-A-2023202272
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 (51) Int. Cl.
H02J 1/14 (2006.01)
G05B 15/02 (2006.01)
H02J 1/00 (2006.01)
 (31) 202241022079 (32) 13.04.22 (33) IN
 (43) 02.11.2023
 (72) JOSEPH, Sigi C.; AJLIF A., Mohammed; S., Ashok
 (74) FB Rice Pty Ltd

(71) CFPH, LLC
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 (21) 2023237225 (22) 03.10.2023
 (54) APPARATUS FOR PARI-MUTUEL RACING GAME WITH FINISH ORDER BETTING
 (51) Int. Cl.
A63F 13/00 (2014.01)
G06F 17/00 (2019.01)
G06Q 10/00 (2023.01)
 (43) 02.11.2023
 (62) 2021215205
 (72) Alderucci, Dean P.; Gelman, Geoffrey M.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) CFPH, LLC
 (11) AU-A-2023248212
 (21) 2023248212 (22) 15.10.2023
 (54) ZONE DEPENDENT PAYOUT PERCENTAGE
 (51) Int. Cl.
A63F 9/24 (2006.01)
 (43) 02.11.2023
 (62) 2021229146
 (72) Amaitis, Lee M.; Alderucci, Dean P.; Gelman, Geoffrey M.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2023250527
 (21) 2023250527 (22) 16.10.2023
 (54) KNOTLESS ORTHOPEDIC STABILIZATION SYSTEM
 (51) Int. Cl.
A61B 17/04 (2006.01)
A61B 17/80 (2006.01)
 (43) 02.11.2023
 (62) 2018226807
 (72) Chavan, Prithviraj R.; Shoshtaev, Eugene; Samuel, Forrest B.
 (74) P.L. Berry & Associates Ltd

(71) China Bambino Prezioso Co., Ltd.
 (11) AU-A-2023248163
 (21) 2023248163 (22) 13.10.2023
 (54) Top cover, base for child safety seat and child safety seat
 (51) Int. Cl.
B60N 2/26 (2006.01)

(43) 02.11.2023
 (62) 2021204285
 (72) ZENG, Xiangyong
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU LIREN MONORAIL TRANSPORTATION EQUIPMENT CO., LTD.
 (11) AU-A-2022348883
 (21) 2022348883 (22) 30.09.2022
 (54) HIGH-PRECISION POSITIONING SYSTEM FOR UNDERGROUND MONORAIL HOIST IN COAL MINE AND POSITIONING METHOD THERE-OF
 (51) Int. Cl.
B66C 13/46 (2006.01)
G01C 21/16 (2006.01)
 (31) 202210402959.2 (32) 18.04.22 (33) CN
 (43) 02.11.2023
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 (74) Baxter Patent Attorneys Pty Ltd

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 (54) Toothbrush structure
 (51) Int. Cl.
A46B 15/00 (2006.01)
A46B 3/02 (2006.01)
 (31) 111203915 (32) 18.04.22 (33) TW
 (43) 02.11.2023
 (72) CHIU, Ju-Hui
 (74) A.P.T. Patent and Trade Mark Attorneys

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 (11) AU-A-2022203562
 (21) 2022203562 (22) 26.05.2022
 (54) Coffee Grinder
 (51) Int. Cl.
A47J 42/38 (2006.01)
A47J 31/02 (2006.01)
A47J 42/02 (2006.01)
 (31) 111203945 (32) 18.04.22 (33) TW
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 (72) YEH, Hsiang-Chen
 (74) A.P.T. Patent and Trade Mark Attorneys

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 (11) AU-A-2023241356
 (21) 2023241356 (22) 06.10.2023
 (54) Teeth cleaning device
 (51) Int. Cl.
A61C 17/22 (2006.01)
 (43) 02.11.2023
 (62) 2021202174
 (72) PIERCE, Robert; JAYARAMAN, Nagarajan; KACHKO, Igor; BAKHRAKH,

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 (74) Spruson & Ferguson

Dasi, L. see Heitkemper, M.
 (21) 2023248089

(71) Dexcom, Inc.
 (11) AU-A-2023248147
 (21) 2023248147 (22) 12.10.2023
 (54) Systems and methods for patient monitoring using an HCP-specific device
 (51) Int. Cl.
G06F 3/0484 (2022.01)
A61B 5/145 (2006.01)
A61B 5/1473 (2006.01)
A61B 5/157 (2006.01)
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 (74) FB Rice Pty Ltd

(71) Diehl Defence GmbH & Co. KG
 (11) AU-A-2023241383
 (21) 2023241383 (22) 06.10.2023
 (54) Marx generator with a plurality of branches for respective Marx voltages
 (51) Int. Cl.
H02M 7/26 (2006.01)
H02M 3/06 (2006.01)
H02M 9/04 (2006.01)
H03B 11/02 (2006.01)
H03K 3/537 (2006.01)
 (31) 10 2022 000 764.9 (32) 04.03.22 (33) DE
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 (72) URBAN, Jürgen; SPORER, Michael
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B65G 11/04 (2006.01)
B64C 39/02 (2006.01)
G06Q 10/08 (2012.01)
G08G 5/00 (2006.01)
B64U 101/60 (2023.01)
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 (31) 22168692.6 (32) 18.04.22 (33) EP
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A61K 31/501 (2006.01)
A61K 31/5377 (2006.01)
C07D 211/86 (2006.01)
C07D 405/12 (2006.01)
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 (62) 2021204331
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 (11) AU-A-2023248199
 (21) 2023248199 (22) 13.10.2023
 (54) System and method for providing information on production value and/or emissions of a hydrocarbon production system
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E21B 43/01 (2006.01)
E21B 41/00 (2006.01)
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 (11) AU-A-2023248118
 (21) 2023248118 (22) 11.10.2023
 (54) Methods and systems for operating a redox flow battery system

(51) Int. Cl.
H01M 8/18 (2006.01)
H01M 8/04276 (2016.01)
H01M 8/04298 (2016.01)
 (43) 02.11.2023
 (62) 2018258692
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 (74) WRAYS PTY LTD

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A61M 16/06 (2006.01)
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 (11) AU-A-2023202171
 (21) 2023202171 (22) 10.04.2023
 (54) Method for providing location-based content-linking icon, system for the same, and computer-readable recording medium
 (51) Int. Cl.
G06F 16/24 (2019.01)
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 (72) Li, Yu-Hsien; LEE, Yu-Chih; LI, Shi-Ting
 (74) A.P.T. Patent and Trade Mark Attorneys

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 (54) Method, system for providing sight information and computer-readable recording medium
 (51) Int. Cl.
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 (72) Li, Yu-Hsien; LIU, Wei-Shin
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 (54) Medical device system including information technology infrastructure having secure cluster domain supporting external domain

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G16H 40/60 (2018.01)
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 (62) 2017381172
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 (74) Griffith Hack

(71) Globaltech Corporation Pty Ltd
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 (54) Monitoring, auditing and/or determining depth of or in a borehole
 (51) Int. Cl.
E21B 47/04 (2012.01)
E21B 45/00 (2006.01)
G01B 5/18 (2006.01)
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 (21) 2023248153 (22) 12.10.2023
 (54) Composition and method of treating bacterial and viral pathogens in plants
 (51) Int. Cl.
A01N 65/00 (2009.01)
A01N 59/08 (2006.01)
A01N 65/06 (2009.01)
A01P 1/00 (2006.01)
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 (62) 2020315413
 (72) EVELAND, Winsor Gebhard; FOTOPOULOS, Vasilios Peter
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 (11) AU-A-2023202860
 (21) 2023202860 (22) 06.02.2023
 (54) PROCESS FOR THE SYNTHESIS OF HIGH-VALUE, LOW CARBON CHEMICAL PRODUCTS
 (51) Int. Cl.
C10K 3/04 (2006.01)
C10G 50/00 (2006.01)
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 (43) 02.11.2023
 (72) SCHUETZLE, ROBERT; SCHUETZLE, DENNIS; HANBURY, ORION
 (74) WRAYS PTY LTD

(71) Grip Holdings LLC
 (11) AU-A-2023237134
 (21) 2023237134 (22) 28.09.2023
 (54) Anti-slip fastener remover tool
 (51) Int. Cl.
B25B 23/10 (2006.01)
B25B 13/06 (2006.01)
B25B 15/00 (2006.01)
 (43) 02.11.2023
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 (74) A.P.T. Patent and Trade Mark Attorneys

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 (21) 2023251394 (22) 16.10.2023
 (54) Use of cannabidiol in the treatment of angelman syndrome

(51) Int. Cl.
A61K 31/352 (2006.01)
A61K 36/185 (2006.01)
A61K 45/06 (2006.01)
A61P 25/00 (2006.01)
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 (74) FB Rice Pty Ltd

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 (21) 2023248079

(71) Hanwha Corporation
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 (54) Emulsion Explosive Composition Based On Hydrogen Peroxide And Nitrate
 (51) Int. Cl.
C06B 31/28 (2006.01)
C06B 31/30 (2006.01)
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 (11) AU-A-2023248089
 (21) 2023248089 (22) 10.10.2023
 (54) Prosthetic heart valve with tri-leaflet design for use in percutaneous valve replacement procedures
 (51) Int. Cl.
A61F 2/24 (2006.01)
A61L 27/14 (2006.01)
A61L 27/18 (2006.01)
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 (74) Alder IP Pty Ltd

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 (21) 2023248166 (22) 13.10.2023
 (54) INTRA PREDICTION METHOD AND DEVICE
 (51) Int. Cl.
H04N 19/80 (2014.01)

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 (54) METHOD AND APPARATUS FOR PREDICTION
 (51) Int. Cl.
H04N 19/593 (2014.01)
H04N 19/80 (2014.01)
 (43) 02.11.2023
 (62) 2019340292
 (72) FILIPPOV, Alexey Konstantinovich; RUFITSKIY, Vasily Alexeevich; CHEN, Jianle
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(71) Hunter Douglas, Inc.
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 (74) Spruson & Ferguson

IMDS LLC see Mayo Foundation for Medical Education and Research
 (21) 2023248069

(71) Instrumentation Laboratory Company
 (11) AU-A-2023201898
 (21) 2023201898 (22) 28.03.2023
 (54) A FLUID TESTING SYSTEM
 (51) Int. Cl.
G01N 21/01 (2006.01)
G01N 21/17 (2006.01)
 (31) 17/722,049 (32) 15.04.22 (33) US
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(72) Schonbrun, Ethan F.; Farren, Christopher; McCormack, Paul C.; Andruzzi, Luisa
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) Device for capturing a line
 (51) Int. Cl.

H02G 1/08 (2006.01)
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 (72) JOHNSTON, Steven
 (74) O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2023219966 (22) 25.08.2023
 (54) Method for target specific RNA transcription of DNA sequence
 (51) Int. Cl.
C12Q 1/68 (2018.01)
C12N 15/10 (2006.01)
 (43) 02.11.2023
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 (72) BROWN, Keith
 (74) FB Rice Pty Ltd

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 (21) 2023202219 (22) 11.04.2023
 (54) BLOCK-TYPE ART KIT
 (51) Int. Cl.
A63H 33/08 (2006.01)
G09B 1/10 (2006.01)
 (31) 10-2022-0046640 (32) 15.04.22 (33) KR
 10-2023-0003791 11.01.23 KR
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 (72) JUN, Hyochan; JUN, Jonghyun
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 (21) 2023201390 (22) 07.03.2023
 (54) Porous metal-organic framework, method for producing the same, adsorbent, and method for separating carbon dioxide
 (51) Int. Cl.
B01J 20/22 (2006.01)
B01D 53/04 (2006.01)
B01D 53/62 (2006.01)
B01J 20/282 (2006.01)
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 (43) 02.11.2023
 (72) Murai, Shinji; Kato, Yasuhiro; Morigaki, Hayato; Fujita, Koshito; Saito, Satoshi
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023248086
 (21) 2023248086 (22) 10.10.2023
 (54) Game playable on land or water
 (51) Int. Cl.
A63B 67/00 (2006.01)
A63B 63/00 (2006.01)
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 (72) Gonzales, Nicholas T.
 (74) mdp Patent and Trade Mark Attorneys

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 (21) 2023248171 (22) 13.10.2023
 (54) System for managing work site and method for managing work site
 (51) Int. Cl.
G05D 1/02 (2020.01)
G08G 1/00 (2006.01)
 (43) 02.11.2023
 (62) 2020286845
 (72) HIRANAKA, Takashi
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- (71) LG Electronics Inc.
 (11) AU-A-2023248155
 (21) 2023248155 (22) 12.10.2023
 (54) METHOD AND DEVICE FOR SIGNALING INFORMATION RELATED TO SLICE IN IMAGE/VIDEO ENCODING/DECODING SYSTEM
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/132 (2014.01)
H04N 19/174 (2014.01)
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 (74) Dentons Patent Attorneys Australasia Limited
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 (11) AU-A-2023251397
 (21) 2023251397 (22) 16.10.2023
 (54) ROBOT CLEANER
 (51) Int. Cl.
A47L 9/28 (2006.01)
A47L 9/10 (2006.01)
A47L 9/16 (2006.01)
A47L 9/18 (2006.01)
B25J 9/00 (2006.01)
B25J 9/16 (2006.01)
B25J 11/00 (2006.01)
B25J 19/02 (2006.01)
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 (11) AU-A-2022358639
 (21) 2022358639 (22) 29.11.2022
 (54) FOUR-WHEEL STEERING CONTROL SYSTEM AND CONTROL METHOD THEREFOR
 (51) Int. Cl.
B62D 5/06 (2006.01)
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- (71) Lynam, B.
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 (21) 2023248140 (22) 12.10.2023
 (54) A waterproofing recessed electrical junction box
 (51) Int. Cl.
H02G 3/08 (2006.01)
E04B 1/66 (2006.01)
E04F 17/08 (2006.01)
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 (62) 2021204226
 (72) Lynam, Benjamin Byron
 (74) Patentec Patent Attorneys
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 (21) 2023202296 (22) 13.04.2023
 (54) Computer method and system for intelligence gathering
 (51) Int. Cl.
G06F 21/50 (2013.01)
G06F 16/00 (2019.01)
 (31) 63/330,685 (32) 13.04.22 (33) US
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 (72) SALIBA, Jad John; MCQUAID, Jamie; AMICK, Harold C.
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 (21) 2023248175 (22) 13.10.2023
 (54) Spinal cord stimulator
 (51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/05 (2006.01)
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 (21) 2023248150 (22) 12.10.2023
 (54) Method and apparatus for passing suture
 (51) Int. Cl.
A61B 17/068 (2006.01)
A61B 17/115 (2006.01)
A61B 17/125 (2006.01)
A61B 17/28 (2006.01)
A61B 17/295 (2006.01)
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 (21) 2023241400
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 (11) AU-A-2023248069
 (21) 2023248069 (22) 10.10.2023
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 (51) Int. Cl.
A61B 17/16 (2006.01)
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 (51) Int. Cl.
B60P 1/02 (2006.01)
B60P 1/44 (2006.01)
B66F 11/00 (2006.01)
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 (74) Ahearn Fox
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C02F 1/68 (2023.01)
C02F 103/42 (2006.01)
 (31) 2022900988 (32) 13.04.22 (33) AU
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 (72) Sheridan, Frances
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 (54) SYSTEM, APPARATUS AND METHOD FOR SUPPORTING AND/OR POSITIONING A PATIENT BEFORE, DUR-

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A61G 13/00 (2006.01)
A61G 5/00 (2006.01)
A61G 13/02 (2006.01)
A61G 13/04 (2006.01)
A61G 13/06 (2006.01)
A61G 13/08 (2006.01)

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C12N 5/02 (2006.01)
C12N 5/0789 (2010.01)

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(71) Nicoventures Trading Limited

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(21) 2023248203 (22) 13.10.2023
(54) Aerosol provision device
(51) Int. Cl.
A24F 47/00 (2020.01)
H05B 6/02 (2006.01)

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(62) 2020235790
(72) BLANDINO, Thomas Paul; HEPWORTH, Richard John
(74) Spruson & Ferguson

(71) Nokia Technologies Oy

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(51) Int. Cl.
H04W 72/04 (2023.01)
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(62) 2019428744
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(71) Ocado Innovation Limited

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(21) 2023251390 (22) 16.10.2023
(54) Picking systems and methods
(51) Int. Cl.
B65G 1/04 (2006.01)

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(62) 2021206859
(72) LINDBO, Lars Sverker Ture; INGRAM-TEDD, Andrew John
(74) Griffith Hack

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- (21) 2023248089

(71) PIONEER HI-BRED INTERNATIONAL, INC.

- (11) AU-A-2023248172
(21) 2023248172 (22) 13.10.2023
(54) Engineered nucleases to generate deletion mutants in plants
(51) Int. Cl.
C12N 15/82 (2006.01)
(43) 02.11.2023
(62) 2017271575
(72) Kammerzell, Meridith
(74) Oxygene IP

(71) Plasma Giken Co., Ltd.

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(21) 2023248129 (22) 12.10.2023
(54) COLD SPRAY GUN AND COLD SPRAY APPARATUS EQUIPPED WITH THE SAME
(51) Int. Cl.

- C23C 24/04** (2006.01)
B05B 7/14 (2006.01)

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(62) 2018249142
(72) FUKANUMA, Hiroataka
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Presidio Medical, Inc.

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(21) 2023202319 (22) 14.04.2023
(54) CHRONIC CARDIAC DYSFUNCTION PREVENTION
(51) Int. Cl.
A61N 1/20 (2006.01)

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(43) 02.11.2023
(72) FLORES, Thomas; SULLIVAN, Andrew
(74) Wallington-Dummer

(71) Prysmian S.p.A.

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(54) Cable reel
(51) Int. Cl.
B65H 75/22 (2006.01)
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(31) 10202200007622 (32) 15.04.22 (33) IT
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(72) Paddick, Nathan; Roberts, Kris
(74) Davies Collison Cave Pty Ltd

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(54) IMPROVED SELF-CLEANING INTAKE FILTER

- (51) Int. Cl.
B01D 33/46 (2006.01)
B01D 33/073 (2006.01)
B01D 33/80 (2006.01)
(31) 787348 (32) 19.04.22 (33) NZ
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(72) BROWN, Peter Derek
(74) Infinity Intellectual Property Limited

Robert Yongxin ZHAO see Suzhou M-Conj Biotech Co., Ltd.

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(71) Rolls-Royce plc

- (11) AU-A-2023202138
(21) 2023202138 (22) 06.04.2023
(54) Fleet fuel allocation
(51) Int. Cl.
G06Q 10/04 (2023.01)
F02C 9/40 (2006.01)
G06Q 10/0631 (2023.01)
G06Q 50/30 (2012.01)
(31) 2205359.9 (32) 12.04.22 (33) GB
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(72) Swann, Peter; Bemment, Craig W.; Madden, Christopher P.
(74) Davies Collison Cave Pty Ltd

(71) Royal Melbourne Institute of Technology

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(21) 2023251406 (22) 16.10.2023
(54) APPARATUS FOR ADDRESSING WELLS WITHIN A MICROARRAY PLATE
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B06B 1/06 (2006.01)
B05B 17/06 (2006.01)
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A61K 47/58 (2017.01)
A61K 47/60 (2017.01)
A61P 35/00 (2006.01)
C08F 220/28 (2006.01)

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 (21) 2023248151 (22) 12.10.2023
 (54) Dispenser with an improved heater arrangement
 (51) Int. Cl.
A61L 9/03 (2006.01)
 (43) 02.11.2023
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 (74) GLMR

(71) Sage Therapeutics, Inc.
 (11) AU-A-2023248120
 (21) 2023248120 (22) 11.10.2023
 (54) Neuroactive steroids, compositions, and uses thereof
 (51) Int. Cl.
A61K 31/56 (2006.01)
A61P 25/28 (2006.01)
C07J 7/00 (2006.01)
C07J 43/00 (2006.01)
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 (62) 2021202433
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 (21) 2023248121 (22) 11.10.2023
 (54) Composition for the Treatment of a Musculoskeletal Disease
 (51) Int. Cl.
A61K 35/33 (2015.01)
A61K 35/38 (2015.01)
A61P 19/02 (2006.01)
 (43) 02.11.2023
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 (54) Container Sealing Body
 (51) Int. Cl.
B65D 17/347 (2006.01)
B65D 43/02 (2006.01)
B65D 51/22 (2006.01)
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 (43) 02.11.2023
 (72) WEI, Se Hwang
 (74) Adams Pluck

(71) Seattle Children's Hospital d/b/a Seattle Children's Research Institute
 (11) AU-A-2023248177
 (21) 2023248177 (22) 13.10.2023
 (54) Bispecific chimeric antigen receptors and therapeutic uses thereof

(51) Int. Cl.
C07K 16/46 (2006.01)
A61K 38/00 (2006.01)
A61P 35/00 (2006.01)
C12P 21/00 (2006.01)
 (43) 02.11.2023
 (62) 2020203137
 (72) Jensen, Michael
 (74) FPA Patent Attorneys Pty Ltd

Shoshtaev, E. see Chavan, P.
 (21) 2023250527

(71) Shutterstock Ventures LLC
 (11) AU-A-2023248189
 (21) 2023248189 (22) 13.10.2023
 (54) Collaborative editing of media in a mixed computing environment
 (51) Int. Cl.
H04L 67/10 (2022.01)
G06Q 10/10 (2023.01)
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 (62) 2019216745
 (72) COLDHAM, Andrew; VANDENBOS, Benjamin; GRANT, Peter
 (74) Davies Collison Cave Pty Ltd

(71) Silverflow Technology Pty Ltd
 (11) AU-A-2023203120
 (21) 2023203120 (22) 12.05.2023
 (54) Silver electrode control circuitry of the generation of colloidal silver to reduce the active biological loading in a fluid
 (51) Int. Cl.
C02F 1/46 (2023.01)
G05B 11/01 (2006.01)
G05B 11/26 (2006.01)
H01L 31/0224 (2006.01)
 (31) 2022901003 (32) 14.04.22 (33) AU
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 (72) Briggs, William
 (74) Silverflow Technology Pty Ltd

(71) Skadia Technologies Pty Ltd
 (11) AU-A-2023202105
 (21) 2023202105 (22) 05.04.2023
 (54) CONTROL SYSTEM AND BAIT CAPSULE FOR LONG LINE FISHING APPARATUS
 (51) Int. Cl.
A01K 91/18 (2006.01)
 (31) 2022901012 (32) 14.04.22 (33) AU
 (43) 02.11.2023
 (72) Ashworth, Phillip; Ashworth, Peter
 (74) Adams Pluck

(71) Snap-on Incorporated
 (11) AU-A-2023202113
 (21) 2023202113 (22) 05.04.2023
 (54) Pawl mechanism for ratchet tool
 (51) Int. Cl.
B25B 13/46 (2006.01)
B25B 23/00 (2006.01)
 (31) 17/720,918 (32) 14.04.22 (33) US

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 (72) ROSS, David T.
 (74) Griffith Hack

(71) Snosko Pty Ltd
 (11) AU-A-2023202279
 (21) 2023202279 (22) 13.04.2023
 (54) A DUAL WALLED TANK
 (51) Int. Cl.
B65D 90/02 (2019.01)
B65D 6/10 (2006.01)
B65D 88/08 (2006.01)
B65D 88/54 (2006.01)
B65D 90/00 (2006.01)
B65D 90/501 (2019.01)
B67D 7/32 (2010.01)

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 (21) 2023248160 (22) 13.10.2023
 (54) Systems and methods of operating media playback systems having multiple voice assistant services
 (51) Int. Cl.
G06F 3/16 (2006.01)
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 (21) 2023244519 (22) 09.10.2023
 (54) A METHOD FOR ANALYSING LASER MEASUREMENT DATA
 (51) Int. Cl.
G01C 7/02 (2006.01)
G01C 21/34 (2006.01)
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 (72) Tran, Quan Hong
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(71) Sprint Bioscience AB
 (11) AU-A-2023248170
 (21) 2023248170 (22) 13.10.2023
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 (51) Int. Cl.
C07D 213/76 (2006.01)
A61K 31/5377 (2006.01)
A61P 3/00 (2006.01)
A61P 35/00 (2006.01)
C07D 413/04 (2006.01)
C07D 413/12 (2006.01)
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Viklund, Jenny
(74) WRAYS PTY LTD

(71) Sthaler Limited
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(21) 2023248208 **(22)** 14.10.2023
(54) Biometric Transaction System
(51) Int. Cl.
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
(43) 02.11.2023
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(72) Hurst, Chris
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(54) BIOREACTOR GARDEN WASTEWATER TREATMENT SYSTEM
(51) Int. Cl.
C02F 3/30 (2023.01)
C02F 3/32 (2023.01)
C02F 3/34 (2023.01)
C02F 11/02 (2006.01)
(31) 63/330,629 **(32)** 13.04.22 **(33)** US
18/125,049 22.03.23 US
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(72) Sturm, Paul E; Mantha, Phalgun
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Sungrow Energy Storage Technology Co., Ltd
(11) AU-A-2023200701
(21) 2023200701 **(22)** 09.02.2023
(54) Energy storage system
(51) Int. Cl.
H01R 11/00 (2006.01)
H01R 9/16 (2006.01)
H01R 13/40 (2006.01)
H01R 13/62 (2006.01)
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(72) DONG, Puyun; SHI, Xiang; SU, Jinguo
(74) FB Rice Pty Ltd

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(54) HiL testing platform for photovoltaic power station, and PPC performance testing method
(51) Int. Cl.
G01R 31/3183 (2006.01)
G01R 31/319 (2006.01)
G05B 23/02 (2006.01)
G06Q 50/06 (2012.01)
H02M 7/42 (2006.01)
(31) 202210403201.0 **(32)** 18.04.22 **(33)** CN
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(74) Davies Collison Cave Pty Ltd

(71) Suzhou M-Conj Biotech Co., Ltd.; Hangzhou DAC Biotech Co., Ltd; Robert Yongxin ZHAO
(11) AU-A-2023248079
(21) 2023248079 **(22)** 10.10.2023
(54) Specific conjugation linkers, specific immunoconjugates thereof, methods of making and uses such conjugates thereof
(51) Int. Cl.
C07D 339/00 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 417/14 (2006.01)
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(74) FB Rice Pty Ltd

(71) Tencent America LLC
(11) AU-A-2022442102
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(54) CHROMA FROM LUMA PREDICTION USING NEIGHBOR LUMA SAMPLES
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H04N 19/00 (2014.01)
(31) 63/330,706 **(32)** 13.04.22 **(33)** US
17/951,911 23.09.22 US
(43) 02.11.2023
(72) YE, Jing; ZHAO, Xin; ZHAO, Liang; LIU, Shan
(74) PHILLIPS ORMONDE FITZPATRICK

(71) The Board of Regents of the University of Texas System
(11) AU-A-2023248161
(21) 2023248161 **(22)** 13.10.2023
(54) Compositions and methods relating to myomixer-promoted muscle cell fusion
(51) Int. Cl.
C12N 15/02 (2006.01)
A61K 38/17 (2006.01)
C07K 14/47 (2006.01)
C12N 15/07 (2006.01)
C12N 15/09 (2006.01)
C12N 15/12 (2006.01)
(43) 02.11.2023
(62) 2018225436
(72) Olson, Eric N.; Bi, Pengpeng
(74) FPA Patent Attorneys Pty Ltd

(71) The Brigham and Women's Hospital, Inc.
(11) AU-A-2023248207
(21) 2023248207 **(22)** 14.10.2023
(54) Methods and compositions for identifying epitopes
(51) Int. Cl.
C12N 5/10 (2006.01)
C07K 14/74 (2006.01)
C12N 15/10 (2006.01)

C12Q 1/02 (2006.01)
C12Q 1/68 (2018.01)
C40B 20/04 (2006.01)
(43) 02.11.2023
(62) 2018279728
(72) Haj Dezfulian, Mohammad; Elledge, Stephen; Kula, Tomasz
(74) RnB IP Pty Ltd

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology
(11) AU-A-2023241400
(21) 2023241400 **(22)** 09.10.2023
(54) NOVEL CRISPR ENZYMES AND SYSTEMS
(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 9/22 (2006.01)
C12N 15/63 (2006.01)
(43) 02.11.2023
(62) 2017257274
(72) Zhang, Feng; Zetsche, Bernd; Heidenreich, Matthias; Choudhury, Sourav
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(71) The Children's Hospital of Philadelphia; The Trustees of the University of Pennsylvania
(11) AU-A-2023222993
(21) 2023222993 **(22)** 01.09.2023
(54) Compositions and methods of chimeric alloantigen receptor T cells
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
C12N 5/0781 (2010.01)
(43) 02.11.2023
(62) 2017248817
(72) Milone, Michael C.; Arruda, Valder; Richman, Sarah; Samelson-Jones, Benjamin
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) The NOCO Company
(11) AU-A-2023248124
(21) 2023248124 **(22)** 11.10.2023
(54) Portable rechargeable battery jump starting device
(51) Int. Cl.
F02N 11/12 (2006.01)
F02N 11/14 (2006.01)
F02N 19/00 (2010.01)
H01R 13/62 (2006.01)
H01R 13/623 (2006.01)
H01R 24/20 (2011.01)
(43) 02.11.2023
(62) 2022201289
(72) NOOK, Jonathan Lewis; NOOK, William Knight; STANFIELD, James Richard; UNDERHILL, Derek Michael
(74) Griffith Hack

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(11) AU-A-2023248179
(21) 2023248179 **(22)** 13.10.2023

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(54) Portable or hand held vehicle battery jump starting apparatus with battery cell equalization circuit
 (51) Int. Cl.
H02J 7/04 (2006.01)
 (43) 02.11.2023
 (62) 2023203625
 (72) Stanfield, James Richard; Nook, Jonathan Lewis; Nook, William Knight; Underhill, Derek Michael; Agrawal, Nitish
 (74) Griffith Hack

(71) The NOCO Company
 (11) AU-A-2023251401
 (21) 2023251401 (22) 16.10.2023
 (54) Rechargeable battery jump starting device with battery detection system
 (51) Int. Cl.
H02J 7/00 (2006.01)
F02N 11/12 (2006.01)
F02N 11/14 (2006.01)
 (43) 02.11.2023
 (62) 2022200448
 (72) NOOK, Jonathan Lewis; NOOK, William Knight; STANFIELD, James Richard; UNDERHILL, Derek Michael
 (74) Griffith Hack

(71) The Regents of the University of California
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 (21) 2023248082 (22) 10.10.2023
 (54) Adeno-associated virus virions with variant capsids and methods of use thereof
 (51) Int. Cl.
C12N 15/62 (2006.01)
A61K 48/00 (2006.01)
A61P 27/00 (2006.01)
A61P 27/02 (2006.01)
C07K 14/075 (2006.01)
C12N 15/63 (2006.01)
 (43) 02.11.2023
 (62) 2018290954
 (72) SCHAFFER, David V.; BYRNE, Leah C.; DAY, Timothy P.; FLANNERY, John G.
 (74) FB Rice Pty Ltd

The Regents of the University of Colorado, a Body Corporate see Epizyme, Inc.
 (21) 2023246384

The Trustees of the University of Pennsylvania see The Children's Hospital of Philadelphia
 (21) 2023222993

(71) The Trustees of the University of Pennsylvania
 (11) AU-A-2023248194
 (21) 2023248194 (22) 13.10.2023
 (54) Modified MRNA vaccines encoding herpes simplex virus glycoproteins and uses thereof

(51) Int. Cl.
A61K 31/7088 (2006.01)
A61K 31/7115 (2006.01)
A61K 38/16 (2006.01)
A61K 39/12 (2006.01)
A61K 39/245 (2006.01)
C07K 14/035 (2006.01)
 (43) 02.11.2023
 (62) 2018316811
 (72) FRIEDMAN, Harvey; WEISSMAN, Drew; AWASTHI, Sita; COHEN, Gary
 (74) Griffith Hack

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
 (11) AU-A-2023248085
 (21) 2023248085 (22) 10.10.2023
 (54) Substitutions-modified prefusion RSV F proteins and their use
 (51) Int. Cl.
C07K 14/005 (2006.01)
A61K 39/12 (2006.01)
A61K 39/155 (2006.01)
A61P 31/14 (2006.01)
A61K 39/00 (2006.01)
 (43) 02.11.2023
 (62) 2021261932
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) The University of Bristol
 (11) AU-A-2023248084
 (21) 2023248084 (22) 10.10.2023
 (54) COMPOUNDS
 (51) Int. Cl.
C07D 471/18 (2006.01)
C07D 519/00 (2006.01)
 (43) 02.11.2023
 (62) 2021261840
 (72) Gallagher, Timothy Charles; Campello, Hugo Rego
 (74) Ahearn Fox

(71) TLS CORP.
 (11) AU-A-2023248162
 (21) 2023248162 (22) 13.10.2023
 (54) EXTRACTING AND ENHANCING A WATERMARK SIGNAL FROM AN OUTPUT SIGNAL OF A WATERMARKING ENCODER
 (51) Int. Cl.
G10L 19/018 (2013.01)
 (43) 02.11.2023
 (62) 2021205094
 (72) BLESSER, Barry
 (74) DAVIS IP PTY LTD

Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba
 (21) 2023201390

(71) TransPod Inc.
 (11) AU-A-2023248071
 (21) 2023248071 (22) 10.10.2023
 (54) Vehicle for travelling along a linear route guideway
 (51) Int. Cl.
B60L 13/06 (2006.01)
B60L 13/03 (2006.01)
B60L 13/10 (2006.01)
B60W 40/06 (2012.01)
B60W 40/10 (2012.01)
B60W 40/112 (2012.01)
 (43) 02.11.2023
 (62) 2017325182
 (72) Janzen, Ryan
 (74) LAMINAR IP PTY LTD

(71) TransPod Inc.
 (11) AU-A-2023248204
 (21) 2023248204 (22) 13.10.2023
 (54) Plasma-based high-speed power transmission system
 (51) Int. Cl.
B60L 5/00 (2006.01)
B60L 5/04 (2006.01)
B60L 5/18 (2006.01)
B60L 5/38 (2006.01)
B60L 5/42 (2006.01)
B60L 15/00 (2006.01)
H02J 13/00 (2006.01)
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 (72) Janzen, Ryan
 (74) LAMINAR IP PTY LTD

(71) Transportation IP Holdings, LLC
 (11) AU-A-2023201427
 (21) 2023201427 (22) 08.03.2023
 (54) ELECTRONICS SHELVING ASSEMBLY AND METHOD
 (51) Int. Cl.
H05K 7/04 (2006.01)
A47B 96/06 (2006.01)
A47B 96/14 (2006.01)
H05K 5/04 (2006.01)
 (31) 63/331,913 (32) 18.04.22 (33) US
 17/882,729 08.08.22 US
 (43) 02.11.2023
 (72) Deal, Scott; Mason, Christopher
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Transportation IP Holdings, LLC
 (11) AU-A-2023202137
 (21) 2023202137 (22) 06.04.2023
 (54) SYSTEMS AND METHODS FOR CONTROLLING VEHICLE BRAKE SYSTEM COMPRESSORS
 (51) Int. Cl.
B60T 13/66 (2006.01)
B60T 8/17 (2006.01)
B60T 17/22 (2006.01)
 (31) 63/363,155 (32) 18.04.22 (33) US
 18/194,798 03.04.23 US

Applications Open to Public Inspection - Name Index cont'd

(43) 02.11.2023
 (72) Prasanth, Sunkara; Verma, Rajeev; Maram, Venkateswara Reddy; Ramu, Vinay
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) UNIFOR S.p.A.
 (11) AU-A-2022202488
 (21) 2022202488 (22) 14.04.2022
 (54) WORK STATION
 (51) Int. Cl.
 A47B 83/00 (2006.01)
 A47B 9/20 (2006.01)
 A47B 87/00 (2006.01)
 A47C 17/02 (2006.01)
 (43) 02.11.2023
 (72) Lucci, Dino; Bonuccelli, Dante; Reina, Paolo
 (74) Phillips Ormonde Fitzpatrick

(71) Unity Biotechnology, Inc.; University of Montreal
 (11) AU-A-2023251388
 (21) 2023251388 (22) 16.10.2023
 (54) Treatment of ophthalmic conditions such as macular degeneration, glaucoma, and diabetic retinopathy using pharmaceutical agents that eliminate senescent cells
 (51) Int. Cl.
 A61K 38/00 (2006.01)
 A61K 38/13 (2006.01)
 A61P 27/02 (2006.01)
 (43) 02.11.2023
 (62) 2018314280
 (72) HOPKINS, Jill; TSURUDA, Pam; CHAPMAN, Claude; SWEIGARD, Harry; POON, Yan; MARQUESS, Daniel; DAVID, Nathaniel; DANANBERG, Jamie; LABERGE, Remi-Martin; SAPIEHA, Przemyslaw; DEJDA, Agnieszka
 (74) FB Rice Pty Ltd

(71) Universitat De Les Illes Balears
 (11) AU-A-2023248158
 (21) 2023248158 (22) 13.10.2023
 (54) Alpha-Hydroxylated Fatty-Acid Metabolites, Medical Uses of Same and Use as Biomarkers
 (51) Int. Cl.
 C07C 59/40 (2006.01)
 A61K 31/201 (2006.01)
 A61K 31/202 (2006.01)
 A61P 9/00 (2006.01)
 A61P 35/00 (2006.01)
 C07C 59/42 (2006.01)
 (43) 02.11.2023
 (62) 2021212330
 (72) ESCRIBÀ RUIZ, Pablo Vicente; TORRES CANALEJO, Manuel; BUSQUETS XAUBET, Xavier; LLADÓ CAÑELLAS, Victoria; FERNÁNDEZ GARCÍA, Paula; ROSSELLÓ CASTILLO, Catalina Ana; PARETS BARRIOS, Sebastià; BETETA GOBEL, Roberto; CANO URREGO, Emilce; ARBONA GONZÁLEZ, Laura;

RODRÍGUEZ LORCA, Raquel; CABOT BAUZÁ, Juan; MILLARES PIZÁ, Marc
 (74) Catalyst Intellectual Property

(71) Universiteit Gent; Microbial Resource Management Health NV
 (11) AU-A-2023248066
 (21) 2023248066 (22) 10.10.2023
 (54) Use of microbial communities for human and animal health
 (51) Int. Cl.
 A61K 35/741 (2015.01)
 A61P 1/00 (2006.01)
 (43) 02.11.2023
 (62) 2017216285
 (72) POSSEMIERS, Sam; MARZORATI, Massimo; VAN DE WIELE, Tom; SCHEIRLINCK, Ilse; VAN DEN ABEELE, Pieter; BOLCA, Selin; GOT-TARDI, Davide
 (74) Spruson & Ferguson

University of Montreal see Unity Biotechnology, Inc.
 (21) 2023251388

(71) Vergesense, Inc.
 (11) AU-A-2023248156
 (21) 2023248156 (22) 12.10.2023
 (54) ARRIVAL DETECTION FOR BATTERY-POWERED OPTICAL SENSORS
 (51) Int. Cl.
 G06Q 10/00 (2023.01)
 G05B 15/00 (2006.01)
 G05B 15/02 (2006.01)
 G06F 16/00 (2019.01)
 G06Q 10/06 (2023.01)
 (43) 02.11.2023
 (62) 2020241843
 (72) GREEN, Kelby; RYAN, Dan
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Vertex Pharmaceuticals Incorporated
 (11) AU-A-2023248117
 (21) 2023248117 (22) 11.10.2023
 (54) Processes for making modulators of cystic fibrosis transmembrane conductance regulator
 (51) Int. Cl.
 C07D 215/56 (2006.01)
 C07B 59/00 (2006.01)
 C07C 33/18 (2006.01)
 C07C 69/96 (2006.01)
 (43) 02.11.2023
 (62) 2018375186
 (72) LEMERCIER LEWANDOWSKI, Berenice; LEWIS, Robert; LOOKER, Adam; MORGAN, Adam; ROEPER, Stefanie; RYAN, Michael; SOLSONA ROCABERT, Juan Gabriel; WILDE, Nathan
 (74) AJ PARK

(71) VulcanForms Inc.
 (11) AU-A-2023248119
 (21) 2023248119 (22) 11.10.2023
 (54) Additive manufacturing by spatially controlled material fusion
 (51) Int. Cl.
 B22F 3/105 (2006.01)
 B22F 3/16 (2006.01)
 B29C 35/02 (2006.01)
 B33Y 10/00 (2015.01)
 (43) 02.11.2023
 (62) 2021240172
 (72) FELDMANN, Martin C.; HART, Anastasios John; SVENSON, Knute; VYATSKIKH, Andrey
 (74) Spruson & Ferguson

(71) W. L. Gore & Associates, Inc.
 (11) AU-A-2023251395
 (21) 2023251395 (22) 16.10.2023
 (54) Substrate with rotatable struts for medical device
 (51) Int. Cl.
 A61F 2/92 (2013.01)
 A61B 17/221 (2006.01)
 A61F 2/00 (2006.01)
 A61F 2/848 (2013.01)
 A61F 2/91 (2013.01)
 A61F 2/07 (2013.01)
 A61F 2/24 (2006.01)
 A61F 2/915 (2013.01)
 A61F 2/958 (2013.01)
 (43) 02.11.2023
 (62) 2022201113
 (72) GASSLER, Paul D.; FRIEDMAN, Nathan L.; STEINHAUS, Bruce M.; CULLY, Edward H.; DUNCAN, Jeffrey B.
 (74) Griffith Hack

(71) Westinghouse Air Brake Technologies Corporation
 (11) AU-A-2023248152
 (21) 2023248152 (22) 12.10.2023
 (54) HYBRID COMMUNICATION SYSTEM
 (51) Int. Cl.
 B61L 15/00 (2006.01)
 B61L 25/02 (2006.01)
 B61L 27/04 (2006.01)
 H04W 24/04 (2009.01)
 (43) 02.11.2023
 (62) 2021218061
 (72) Wolf, Charles L.; Henniges, Benjamin; Uehling, Mark; Silva, Michael
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) West Pharma. Services IL, Ltd.
 (11) AU-A-2023248131
 (21) 2023248131 (22) 12.10.2023
 (54) LIQUID TRANSFER DEVICE WITH DUAL LUMEN IV SPIKE
 (51) Int. Cl.
 A61J 1/20 (2006.01)
 A61J 1/10 (2006.01)
 A61M 5/162 (2006.01)
 (43) 02.11.2023
 (62) 2020265821
 (72) BAR-EL, Yossi; FABRIKANT, Elisheva; BEN SHALOM, Niv
 (74) RnB IP Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) X Development LLC
 (11) AU-A-2023202104
 (21) 2023202104 (22) 05.04.2023
 (54) System and methods for utilizing predictions of future real-world events to generate actionable decisions
 (51) Int. Cl.
 G06Q 10/04 (2023.01)
 G06N 20/00 (2019.01)
 G08B 27/00 (2006.01)
 (31) 63/331,456 (32) 15.04.22 (33) US
 (43) 02.11.2023
 (72) JEFFERY,, Joshua PAUL; WOOLLEY, Callum
 (74) Spruson & Ferguson

**XUZHOU LIREN MONORAIL TRANSPORT-
 ATION EQUIPMENT CO., LTD. see CHINA
 UNIVERSITY OF MINING AND TECHNO-
 LOGY**
 (21) 2022348883

Numerical Index

2022202465	Austral Clothes Hoists Pty Ltd	2023248069	Mayo Foundation for Medical Education and Research; IMDS LLC
2022202470	Canon Kabushiki Kaisha	2023248070	Boston Scientific Scimed Inc
2022202471	Canon Kabushiki Kaisha	2023248071	TransPod Inc.
2022202472	Canon Kabushiki Kaisha	2023248078	Blackhawk Network, Inc.
2022202473	Canon Kabushiki Kaisha	2023248079	Suzhou M-Conj Biotech Co., Ltd.; Hangzhou DAC Biotech Co., Ltd; Robert Yongxin ZHAO
2022202474	Canon Kabushiki Kaisha		
2022202488	UNIFOR S.p.A.	2023248080	Hunter Douglas, Inc.
2022202531	Djurdjovic, V.	2023248081	Blackhawk Network, Inc.
2022203562	Chuang-Kang Machinery Technology Co., Ltd.	2023248082	The Regents of the University of California
2022203992	Beijing FlowCloud Data Technology Co., Ltd.	2023248083	Gambro Lundia AB
2022263570	Seal And Pack Co., Ltd	2023248084	The University of Bristol
2022348883	CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU LIREN MONORAIL TRANSPORTATION EQUIPMENT CO., LTD.	2023248085	The United States of America, as represented by the Secretary, Department of Health and Human Services
2022358639	LINGONG HEAVY MACHINERY CO., LTD	2023248086	Kankakee Spikeball, Inc.
2022442102	Tencent America LLC	2023248087	Miles, S.
2023200647	Adobe Inc.	2023248089	Heitkemper, M.; Koupaei, A.; Dasi, L.; Ohio State Innovation Foundation
2023200701	Sungrow Energy Storage Technology Co., Ltd	2023248091	Aristocrat Technologies Australia Pty Limited
2023200949	Mineralux Australia Pty Ltd	2023248092	Aristocrat Technologies Australia Pty Limited
2023201390	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2023248097	Applied Medical Resources Corporation
2023201427	Transportation IP Holdings, LLC	2023248098	BASF Agricultural Solutions Seed US LLC
2023201672	PZB CONSULTING LIMITED	2023248115	BRIEN HOLDEN VISION INSTITUTE
2023201729	Acer Incorporated	2023248116	Able High International Ltd.
2023201898	Instrumentation Laboratory Company	2023248117	Vertex Pharmaceuticals Incorporated
2023201922	Hanwha Corporation	2023248118	ESS Tech, Inc.
2023201952	Prysmian S.p.A.	2023248119	VulcanForms Inc.
2023202019	CHIU, J.	2023248120	Sage Therapeutics, Inc.
2023202059	dormakaba Deutschland GmbH	2023248121	Scarcell Therapeutics
2023202102	Sturm, P.; Mantha, P.	2023248123	Rs Arastirma Egitim Danismanlik Ilac Sanayi Ticaret Anonim Sirketi
2023202104	X Development LLC	2023248124	The NOCO Company
2023202105	Skadia Technologies Pty Ltd	2023248126	Blink AG
2023202113	Snap-on Incorporated	2023248127	Aclaris Therapeutics, Inc.
2023202137	Transportation IP Holdings, LLC	2023248129	Plasma Giken Co., Ltd.
2023202138	Rolls-Royce plc	2023248131	West Pharma. Services IL, Ltd.
2023202162	Caravel Therapeutics, Inc.	2023248132	Angel Group Co., Ltd.
2023202171	Framy Inc.	2023248134	Apple Inc.
2023202172	Framy Inc.	2023248135	Apple Inc.
2023202219	JUN, H.; JUN, J.	2023248137	Nokia Technologies Oy
2023202272	Centre for Development of Advanced Computing; National Institute of Technology Calicut	2023248140	Lynam, B.
2023202279	Snosko Pty Ltd	2023248141	Bio Bond ApS
2023202292	Aristocrat Technologies, Inc.	2023248145	Bausch & Lomb Incorporated
2023202295	Britax Child Safety, Inc.	2023248147	Dexcom, Inc.
2023202296	Magnet Forensics Inc.	2023248150	Maruho Medical, Inc.
2023202319	Presidio Medical, Inc.	2023248151	S. C. Johnson & Son, Inc.
2023202335	Sungrow Power Supply Co., Ltd.	2023248152	Westinghouse Air Brake Technologies Corporation
2023202355	Aristocrat Technologies, Inc.	2023248153	Greening Be Gone, LLC
2023202860	GREYROCK TECHNOLOGY, LLC	2023248154	Boston Scientific Scimed, Inc.
2023203120	Silverflow Technology Pty Ltd	2023248155	LG Electronics Inc.
2023219966	Jumpcode Genomics, Inc.	2023248156	Vergesense, Inc.
2023219983	ASSURE TECH. (HANGZHOU) CO., LTD.	2023248158	Universitat De Les Illes Balears
2023222993	The Children's Hospital of Philadelphia; The Trustees of the University of Pennsylvania	2023248160	Sonos, Inc.
2023226698	Caris Science, Inc.	2023248161	The Board of Regents of the University of Texas System
2023237134	Grip Holdings LLC	2023248162	TLS CORP.
2023237225	CFPH, LLC	2023248163	China Bambino Prezioso Co., Ltd.
2023241356	Colgate-Palmolive Company	2023248166	Huawei Technologies Co., Ltd.
2023241383	Diehl Defence GmbH & Co. KG	2023248168	Mizuho Orthopedic Systems, Inc.
2023241400	The Broad Institute, Inc.; Massachusetts Institute of Technology	2023248169	Murdoch Children's Research Institute
2023244519	Spacesium	2023248170	Sprint Bioscience AB
2023246384	Epizyme, Inc.; The Regents of the University of Colorado, a Body Corporate	2023248171	Komatsu Ltd.
2023248066	Universiteit Gent; Microbial Resource Management Health NV	2023248172	PIONEER HI-BRED INTERNATIONAL, INC.
2023248067	Arvinas Operations, Inc.	2023248173	Cape Analytics, Inc.
		2023248174	Becton, Dickinson and Company
		2023248175	Mansell, J.
		2023248177	Seattle Children's Hospital d/b/a Seattle Children's Research Institute

Applications Open to Public Inspection - Numerical Index cont'd

2023248178 Blackhawk Network, Inc.
2023248179 The NOCO Company
2023248180 Canon Kabushiki Kaisha
2023248182 Angel Group Co., Ltd.
2023248184 Butlr Technologies Inc.
2023248185 Apple Inc.
2023248189 Shutterstock Ventures LLC
2023248190 Huawei Technologies Co., Ltd.
2023248193 CASE WESTERN RESERVE UNIVERSITY
2023248194 The Trustees of the University of Pennsylvania
2023248196 Apple Inc.
2023248198 Aristocrat Technologies Australia Pty Limited
2023248199 Equinor Energy AS
2023248201 Globaltech Corporation Pty Ltd
2023248202 Aviana Molecular Technologies, LLC
2023248203 Nicoventures Trading Limited
2023248204 TransPod Inc.
2023248207 The Brigham and Women's Hospital, Inc.
2023248208 Sthaler Limited
2023248212 CFPH, LLC
2023250527 Chavan, P.; Shoshtaev, E.; Samuel, F.
2023251385 Angel Group Co., Ltd.
2023251388 Unity Biotechnology, Inc.; University of Montreal
2023251390 Ocado Innovation Limited
2023251391 Fisher & Paykel Healthcare Limited
2023251392 Celularity Inc.
2023251394 GW Research Limited
2023251395 W. L. Gore & Associates, Inc.
2023251396 Johnston, S.
2023251397 LG Electronics Inc.
2023251401 The NOCO Company
2023251406 Royal Melbourne Institute of Technology

IPC Index

<u>A01K 91 /-</u> 2023202105	<u>A61J 1 /-</u> 2023248131	<u>A61P 1 /-</u> 2023248066	<u>B01F 23 /-</u> 2023248126	<u>B60P 1 /-</u> 2023248087	<u>B65H 75 /-</u> 2023201952
<u>A01N 59 /-</u> 2023248153	<u>A61K 31 /-</u> 2023202162 2023246384	<u>A61P 19 /-</u> 2023248121	<u>B01F 31 /-</u> 2023248126	<u>B60T 13 /-</u> 2023202137	<u>B66C 13 /-</u> 2022348883
<u>A01N 65 /-</u> 2023248153	<u>A61K 35 /-</u> 2023222993 2023248066 2023248121	<u>A61P 25 /-</u> 2023248120 2023251394	<u>B01F 35 /-</u> 2023248126	<u>B60T 17 /-</u> 2023202137	<u>B66F 11 /-</u> 2023248087
<u>A01P 1 /-</u> 2023248153	<u>A61K 36 /-</u> 2023251394	<u>A61P 27 /-</u> 2023202162 2023248082 2023251388	<u>B01J 20 /-</u> 2023201390	<u>B60T 8 /-</u> 2023202137	<u>B67D 7 /-</u> 2023202279
<u>A24F 47 /-</u> 2023248203	<u>A61K 38 /-</u> 2023248161 2023248177 2023248194 2023251388	<u>A61P 3 /-</u> 2023248170	<u>B01L 3 /-</u> 2023248126	<u>B60W 40 /-</u> 2023248071	<u>C02F 1 /-</u> 2023200949 2023203120
<u>A46B 15 /-</u> 2023202019	<u>A61K 39 /-</u> 2023248085 2023248194	<u>A61P 31 /-</u> 2023248079 2023248085	<u>B01L 7 /-</u> 2023248126	<u>B61L 15 /-</u> 2023248152	<u>C02F 103 /-</u> 2023200949
<u>A46B 3 /-</u> 2023202019	<u>A61K 45 /-</u> 2023251394	<u>A61P 31 /-</u> 2023248079 2023248085	<u>B05B 17 /-</u> 2023251406	<u>B61L 25 /-</u> 2023248152	<u>C02F 11 /-</u> 2023202102
<u>A47B 25 /-</u> 2023248182	<u>A61K 47 /-</u> 2023202162 2023248123 2023248145	<u>A61P 35 /-</u> 2023248067 2023248079 2023248123 2023248158 2023248170 2023248177	<u>B05B 7 /-</u> 2023248129	<u>B61L 27 /-</u> 2023248152	<u>C02F 3 /-</u> 2023202102
<u>A47B 83 /-</u> 2022202488	<u>A61K 48 /-</u> 2023248082	<u>A61P 37 /-</u> 2023248079	<u>B06B 1 /-</u> 2023251406	<u>B62B 5 /-</u> 2023202295	<u>C06B 31 /-</u> 2023201922
<u>A47B 87 /-</u> 2022202488	<u>A61K 9 /-</u> 2023202162 2023248145	<u>A61P 9 /-</u> 2023248158	<u>B22F 3 /-</u> 2023248119	<u>B62B 9 /-</u> 2023202295	<u>C07B 59 /-</u> 2023248117
<u>A47B 9 /-</u> 2022202488	<u>A61K 9 /-</u> 2023202162 2023248145	<u>A61P 37 /-</u> 2023248079	<u>B25B 13 /-</u> 2023202113 2023237134	<u>B62D 5 /-</u> 2022358639	<u>C07C 33 /-</u> 2023248117
<u>A47B 96 /-</u> 2023201427	<u>A61K 9 /-</u> 2023202162 2023248145	<u>A61P 9 /-</u> 2023248158	<u>B25B 15 /-</u> 2023237134	<u>B64C 39 /-</u> 2022202531	<u>C07C 59 /-</u> 2023248158
<u>A47C 17 /-</u> 2022202488	<u>A61K 27 /-</u> 2023248089	<u>A63B 63 /-</u> 2023248086	<u>B25B 23 /-</u> 2023202113 2023237134	<u>B64U 101 /-</u> 2022202531	<u>C07C 69 /-</u> 2023248117
<u>A47J 31 /-</u> 2022203562	<u>A61L 9 /-</u> 2023248151	<u>A63B 67 /-</u> 2023248086	<u>B25J 11 /-</u> 2023251397	<u>B65D 17 /-</u> 2022263570	<u>C07D 211 /-</u> 2023246384
<u>A47J 42 /-</u> 2022203562	<u>A61L 9 /-</u> 2023248151	<u>A63F 1 /-</u> 2023248132	<u>B25J 19 /-</u> 2023251397	<u>B65D 21 /-</u> 2023248116	<u>C07D 213 /-</u> 2023248170
<u>A47L 9 /-</u> 2023251397	<u>A61M 16 /-</u> 2023251391	<u>A63F 11 /-</u> 2023251385	<u>B25J 9 /-</u> 2023251397	<u>B65D 43 /-</u> 2022263570 2023248116	<u>C07D 215 /-</u> 2023248117
<u>A61B 17 /-</u> 2023248069 2023248097 2023248150 2023250527 2023251395	<u>A61M 16 /-</u> 2023251391	<u>A63F 13 /-</u> 2023237225 2023248091 2023248092 2023248198	<u>B29C 35 /-</u> 2023248119	<u>B65D 5 /-</u> 2023248116	<u>C07D 239 /-</u> 2023248127
<u>A61B 5 /-</u> 2023248147	<u>A61M 25 /-</u> 2023248174	<u>A63F 5 /-</u> 2023202355 2023248091	<u>B29C 51 /-</u> 2023248116	<u>B65D 51 /-</u> 2022263570	<u>C07D 339 /-</u> 2023248079
<u>A61C 17 /-</u> 2023241356	<u>A61M 5 /-</u> 2023248131 2023248174	<u>A63F 9 /-</u> 2023248132 2023248212	<u>B33Y 10 /-</u> 2023248119	<u>B65D 6 /-</u> 2023202279 2023248116	<u>C07D 401 /-</u> 2023248067
<u>A61F 2 /-</u> 2023248089 2023248154 2023251395	<u>A61M 60 /-</u> 2023248070	<u>A63H 33 /-</u> 2023202219	<u>B60L 13 /-</u> 2023248071	<u>B65D 88 /-</u> 2023202279	<u>C07D 405 /-</u> 2023246384
<u>A61G 13 /-</u> 2023248168	<u>A61N 1 /-</u> 2023202319 2023248175	<u>B01D 33 /-</u> 2023201672	<u>B60L 15 /-</u> 2023248204	<u>B65D 90 /-</u> 2023202279	<u>C07D 413 /-</u> 2023248170
<u>A61G 5 /-</u> 2023248168		<u>B01D 53 /-</u> 2023201390	<u>B60L 5 /-</u> 2023248204	<u>B65G 1 /-</u> 2023251390	<u>C07D 417 /-</u> 2023248079
			<u>B60N 2 /-</u> 2023248163	<u>B65G 11 /-</u> 2022202531	<u>C07D 471 /-</u> 2023248067 2023248084 2023248127

Applications Open to Public Inspection - IPC Index cont'd

C07D 487 /- 2023248067 2023248127	D06F 57 /- 2022202465	G02C 7 /- 2023248115	G06Q 20 /- 2023248078 2023248208	H01R 24 /- 2023248124	H05K 7 /- 2022203992 2023201427
C07D 495 /- 2023248067	E04B 1 /- 2023248140	G03G 15 /- 2023248180	G06Q 40 /- 2023248081	H01R 9 /- 2023200701	H10N 30 /- 2023248202
C07D 519 /- 2023248084	E04F 17 /- 2023248140	G03G 21 /- 2023248180	G06Q 50 /- 2023202138 2023202335 2023248198	H01T 23 /- 2022203992	No IPC Mark
C07J 43 /- 2023248120	E05D 1 /- 2023248116	G05B 11 /- 2023203120	G06T 11 /- 2023200647	H02G 1 /- 2023251396	
C07J 7 /- 2023248120	E05F 15 /- 2023202059	G05B 15 /- 2023202272 2023248156	G06T 7 /- 2023200647 2023248173 2023248182	H02G 3 /- 2023248140	
C07K 14 /- 2023248082 2023248085 2023248098 2023248161 2023248194 2023248207	E06B 9 /- 2023248080	G05B 23 /- 2023202335	G07C 11 /- 2023248182	H02J 1 /- 2023202272	
C07K 16 /- 2023248177	E21B 41 /- 2023248199	G05D 1 /- 2023248171	G07D 9 /- 2023251385	H02J 13 /- 2023248204	
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(74) mdp Patent and Trade Mark Attorneys

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 (54) MULTI-TIER FRICTION LINER
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(72) PEARSON, Matthew James; BREUT, Florian
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(72) ABRAHAM, Mario; WITTNEBEL, Michael
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(72) TERRY, Patrick; REED, Devin
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A61B 3/10 (2006.01)
A61B 3/13 (2006.01)
A61B 3/14 (2006.01)
A61B 34/32 (2016.01)
A61B 90/25 (2016.01)
H04N 13/00 (2018.01)
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H04N 13/128 (2018.01)
G06T 7/593 (2017.01)
H04N 13/204 (2018.01)
H04N 13/218 (2018.01)
H04N 13/296 (2018.01)
H04N 23/67 (2023.01)
H04N 23/695 (2023.01)
H04N 23/959 (2023.01)
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 E03D 1/34 (2006.01)
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 A61P 35/00 (2006.01)
 C12N 1/15 (2006.01)
 C12N 1/19 (2006.01)
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 F24B 5/02 (2006.01)
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 C07K 14/18 (2006.01)
 C07K 19/00 (2006.01)
 C12N 15/51 (2006.01)
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E21F 13/06 (2006.01)
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A61M 16/16 (2006.01)
A61M 16/08 (2006.01)
A61M 16/20 (2006.01)
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A61B 5/103 (2006.01)
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A61M 1/16 (2006.01)
A61M 1/28 (2006.01)
G01N 21/53 (2006.01)
G01N 33/50 (2006.01)
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A61M 25/01 (2006.01)
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C04B 28/04 (2006.01)
C04B 40/00 (2006.01)
C09K 8/467 (2006.01)
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C08G 18/32 (2006.01)
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H01R 13/453 (2006.01)
H01R 13/703 (2006.01)
H01R 13/717 (2006.01)
H02G 3/08 (2006.01)
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C07K 16/28 (2006.01)
A61P 25/28 (2006.01)
G01N 33/53 (2006.01)
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A61K 47/64 (2017.01)
A61K 47/68 (2017.01)
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A61P 31/14 (2006.01)
C12N 15/09 (2006.01)
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C12N 5/073 (2010.01)
C12N 5/0789 (2010.01)
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B08B 3/00 (2006.01)
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B08B 7/00 (2006.01)
B08B 13/00 (2006.01)
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G05B 15/00 (2006.01)
G06N 3/00 (2023.01)
G16B 40/00 (2019.01)
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B08B 3/04 (2006.01)
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B08B 9/00 (2006.01)
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G06Q 20/30 (2012.01)
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B65G 1/08 (2006.01)
A47B 57/58 (2006.01)
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C11B 3/12 (2006.01)
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A61K 31/4184 (2006.01)
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C07K 14/725 (2006.01)
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A61P 35/00 (2006.01)
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C09K 8/524 (2006.01)
E21B 37/06 (2006.01)
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 A01G 9/02 (2018.01)
 A01G 27/00 (2006.01)
 A01G 31/02 (2006.01)
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 (72) CHAPPELL, Ryan
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 (51) Int. Cl.
 B66C 13/46 (2006.01)
 G01C 21/16 (2006.01)
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 (74) Baxter Patent Attorneys Pty Ltd
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 A61B 34/00 (2016.01)
 A61B 34/10 (2016.01)
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 G16H 30/00 (2018.01)
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 A61K 38/18 (2006.01)
 A61P 27/02 (2006.01)
 C07K 14/475 (2006.01)
 C07K 14/50 (2006.01)
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 H04M 11/04 (2006.01)
 H04M 3/42 (2006.01)
 H04M 3/51 (2006.01)
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 B64C 39/02 (2023.01)
 H02G 1/02 (2006.01)
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 B08B 9/055 (2006.01)
 B08B 9/02 (2006.01)
 B08B 9/027 (2006.01)
 B08B 9/04 (2006.01)
 F16L 55/34 (2006.01)
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 E21B 43/16 (2006.01)
 E21B 47/00 (2012.01)
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 E21B 43/12 (2006.01)
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 E21B 47/26 (2012.01)
 G01N 30/02 (2006.01)
 G06F 30/13 (2020.01)
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 C07K 14/005 (2006.01)
 A61P 31/04 (2006.01)
 C12N 1/06 (2006.01)
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 (72) SCHUCH, Raymond
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C07D 403/04 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
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H04L 9/40 (2022.01)
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G01M 3/34 (2006.01)
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F41G 1/30 (2006.01)
F41G 1/42 (2006.01)
G02B 5/00 (2006.01)
G02B 23/04 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
G02B 7/04 (2021.01)
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A61K 31/407 (2006.01)
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C07D 471/10 (2006.01)
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(51) Int. Cl.
F04C 29/02 (2006.01)
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(51) Int. Cl.
F24F 1/24 (2011.01)
F25B 1/00 (2006.01)
F25B 49/02 (2006.01)
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A61K 31/4245 (2006.01)
A61P 35/04 (2006.01)
C07D 401/04 (2006.01)

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H04W 72/04 (2023.01)
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 PRESERVATION OF HARVESTED
 PRODUCTS
(51) Int. Cl.
A01N 59/06 (2006.01)
A01N 25/04 (2006.01)
A01P 3/00 (2006.01)
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(51) Int. Cl.
A01J 5/007 (2006.01)
A01J 5/04 (2006.01)
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A61B 50/20 (2016.01)
A61B 50/33 (2016.01)
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A61B 50/30 (2016.01)
B25H 3/02 (2006.01)
B65D 21/02 (2006.01)
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E04F 15/02 (2006.01)
E04F 15/04 (2006.01)
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(43) 27.10.2022
(72) DESCHAUMES, Samuel
(74) PHILLIPS ORMONDE FITZPATRICK

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(54) FILTERING OF CONTINUOUS GLUC-
 OSE MONITOR (CGM) SIGNALS
 WITH A KALMAN FILTER
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
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(54) PERSONALIZED MODELING OF
 BLOOD GLUCOSE CONCENTRA-
 TION IMPACTED BY INDIVIDUALIZED
 SENSOR CHARACTERISTICS AND
 INDIVIDUALIZED PHYSIOLOGICAL
 CHARACTERISTICS
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1486 (2006.01)
A61B 5/1495 (2006.01)
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 Stephen J.
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 TUFTS MEDICAL CENTER, INC.
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(54) TREATMENT OF NEUROPATHIC
 CORNEAL PAIN WITH NGF
(51) Int. Cl.
A61K 38/18 (2006.01)
A61P 27/02 (2006.01)
A61P 29/00 (2006.01)
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(54) CORRUGATED GREEN SHEETS
 FOR THE PREPARATION OF LARGE-
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 LATED METHODS AND USES
(51) Int. Cl.
B28B 11/08 (2006.01)
B28B 3/16 (2006.01)
B29C 53/22 (2006.01)
C04B 35/486 (2006.01)
H01M 4/88 (2006.01)
H01M 8/124 (2016.01)
(87) WO2022/229273
(31) 21170635.3 **(32)** 27.04.21 **(33)** EP
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(74) FPA Patent Attorneys Pty Ltd

(71) EARGYM LTD
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(54) METHODS AND DEVICES FOR
 HEARING TRAINING
(51) Int. Cl.
A61B 5/12 (2006.01)
A61B 5/00 (2006.01)
A63F 13/00 (2014.01)
(87) WO2022/229287
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(72) PHILPOTT, Amanda; SHANKS, Andrew
(74) FPA Patent Attorneys Pty Ltd

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 ECOLE NORMALE SUPERIEURE
 PARIS-SACLAY; CENTRE NATION-
 AL DE LA RECHERCHE SCIENTI-
 FIQUE - CNRS -; INSTITUT NATION-
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 DE TOULOUSE; UNIVERSITE PAUL
 SABATIER TOULOUSE III
(11) AU-A-2022263634
(21) 2022263634 **(22)** 29.04.2022
(54) BINDER COMPOSITION COMPRIS-
 ING POZZOLANIC MATERIAL AND
 FINE FILLER
(51) Int. Cl.
C04B 28/04 (2006.01)
C04B 28/12 (2006.01)
C04B 111/60 (2006.01)

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 Thomas; CHAUCHE, Mohend; CYR,
 Martin
 (74) WRAYS PTY LTD
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 (11) AU-A-2022265246
 (21) 2022265246 (22) 27.04.2022
 (54) THERAPEUTIC DRUG FOR MYOTON-
 IC DYSTROPHY TYPE 1
 (51) Int. Cl.
 A61K 48/00 (2006.01)
 A61K 35/76 (2015.01)
 A61K 35/761 (2015.01)
 A61K 35/763 (2015.01)
 A61K 38/16 (2006.01)
 A61P 21/00 (2006.01)
 C07K 14/47 (2006.01)
 C07K 16/18 (2006.01)
 C12N 1/15 (2006.01)
 C12N 1/19 (2006.01)
 C12N 1/21 (2006.01)
 C12N 5/10 (2006.01)
 C12N 7/00 (2006.01)
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 C12N 15/86 (2006.01)
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 (31) 2021-077262 (32) 30.04.21 (33) JP
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- (71) ELECTROLUX APPLIANCES AK-
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 (11) AU-A-2022292815
 (21) 2022292815 (22) 23.05.2022
 (54) INDUCTION COOKING APPLIANCE
 (51) Int. Cl.
 H05B 6/06 (2006.01)
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 C12N 15/00 (2006.01)
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G01R 33/46 (2006.01)
G01R 33/48 (2006.01)
G01S 13/12 (2006.01)
G06T 11/00 (2006.01)
G06T 17/00 (2006.01)
H01Q 21/28 (2006.01)
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C08G 65/40 (2006.01)
B01D 71/80 (2006.01)
B01J 41/13 (2017.01)
B32B 27/30 (2006.01)
C07D 211/22 (2006.01)
C08G 75/23 (2006.01)
C08J 5/22 (2006.01)
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E05C 19/16 (2006.01)
E05B 9/10 (2006.01)
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C07D 471/04 (2006.01)
C07D 471/08 (2006.01)
C07D 471/18 (2006.01)
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C07D 503/18 (2006.01)
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A61B 5/1455 (2006.01)
A61M 11/00 (2006.01)
A61M 16/00 (2006.01)
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A61M 16/08 (2006.01)
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 (54) METHODS FOR PROVIDING RESPIRATORY SUPPORT WITH CUFF DEFLATION
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A61M 16/04 (2006.01)
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C10K 3/04 (2006.01)
C10J 3/00 (2006.01)
C10K 1/00 (2006.01)
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(54) COMPOUNDS AND USES THEREOF
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A61K 31/5025 (2006.01)
C07D 403/12 (2006.01)
C07D 495/04 (2006.01)
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C12N 15/13 (2006.01)
A61K 39/395 (2006.01)
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B32B 1/08 (2006.01)
B32B 27/32 (2006.01)
B32B 27/36 (2006.01)
B32B 29/00 (2006.01)
B65D 3/04 (2006.01)
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C12N 5/079 (2010.01)
C07K 14/705 (2006.01)
C12Q 1/6809 (2018.01)
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A61K 9/10 (2006.01)
A61K 9/14 (2006.01)
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(51) Int. Cl.
G01R 33/30 (2006.01)
G01N 24/08 (2006.01)
G01R 33/46 (2006.01)
G01R 33/465 (2006.01)
G01R 33/485 (2006.01)
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(74) Michael Buck IP
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(21) 2022262794 **(22)** 25.04.2022
(54) GLYCAN MODIFIED NUCLEIC ACIDS, METHODS OF PREPARATION, AND THERAPEUTIC USES
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A61K 47/61 (2017.01)
A61K 47/54 (2017.01)
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(54) PIPELINE ASSEMBLY AND AIR CONDITIONING SYSTEM
(51) Int. Cl.
F16L 13/02 (2006.01)
F16L 21/00 (2006.01)
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(54) ANTIMICROBIAL AND ANTICANCER AGENTS
(51) Int. Cl.
C07D 291/06 (2006.01)
A61K 31/54 (2006.01)
A61P 31/04 (2006.01)
A61P 35/00 (2006.01)
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C07D 295/135 (2006.01)
A61K 31/5375 (2006.01)
A61P 35/00 (2006.01)
C07D 265/30 (2006.01)
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(74) Minter Ellison
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(51) Int. Cl.
A61P 25/28 (2006.01)
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C07K 16/28 (2006.01)
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C07D 498/14 (2006.01)
A61K 31/55 (2006.01)
A61P 35/00 (2006.01)
C07D 471/00 (2006.01)
C07D 471/02 (2006.01)
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F03G 4/04 (2006.01)
F24T 50/00 (2018.01)
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(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/7052 (2006.01)
A61P 31/12 (2006.01)
C07H 7/06 (2006.01)
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C07D 405/14 (2006.01)
A61K 31/454 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/497 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/506 (2006.01)
A61K 31/519 (2006.01)
A61K 31/5365 (2006.01)
A61P 1/16 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
C07D 409/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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C07D 231/40 (2006.01)
A61K 31/415 (2006.01)
A61K 31/506 (2006.01)
A61K 45/00 (2006.01)
A61P 1/16 (2006.01)
A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 401/04 (2006.01)
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(51) Int. Cl.

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A61K 45/00 (2006.01)
A61P 1/16 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
A61P 29/00 (2006.01)
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C07D 405/14 (2006.01)
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G06F 21/10 (2013.01)
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A61K 9/48 (2006.01)
A61K 9/08 (2006.01)
A61K 9/14 (2006.01)
A61K 31/00 (2006.01)
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E01B 26/00 (2006.01)
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G06N 10/40 (2022.01)
H03F 19/00 (2006.01)
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G06N 10/60 (2022.01)
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(51) Int. Cl.
A01N 27/00 (2006.01)
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C10K 3/04 (2006.01)
C10G 50/00 (2006.01)
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A61K 38/38 (2006.01)
A61P 37/00 (2006.01)
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(21) 2022258553 **(22)** 12.04.2022
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(51) Int. Cl.
A61K 9/08 (2006.01)
A61K 38/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/18 (2017.01)
A61K 47/26 (2006.01)
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C08L 95/00 (2006.01)
C09D 195/00 (2006.01)
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(21) 2021439429 **(22)** 28.06.2021
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H05K 9/00 (2006.01)

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D06C 5/00 (2006.01)
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 (21) 2021457835 (22) 06.08.2021
 (54) IN-SITU AEROGEL TYPE HYDRAULIC CEMENT COMPOSITION FOR SUB-TERRANEAN APPLICATIONS
 (51) Int. Cl.
C09K 8/42 (2006.01)
C04B 24/42 (2006.01)
C04B 28/02 (2006.01)
C09K 8/46 (2006.01)
E21B 33/14 (2006.01)
E21B 43/26 (2006.01)
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E21B 47/125 (2012.01)
E21B 17/02 (2006.01)
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E21B 37/02 (2006.01)
E21B 23/00 (2006.01)
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B01D 9/00 (2006.01)
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 (54) PURE ELECTRIC MINING DUMP TRUCK AND USE METHOD THEREOF
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B61D 11/02 (2006.01)
B60P 7/04 (2006.01)
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B60L 53/16 (2019.01)
B60L 53/68 (2019.01)
H01R 13/639 (2006.01)
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G06F 11/30 (2006.01)
G05B 19/418 (2006.01)
G05B 23/02 (2006.01)
G16Y 40/10 (2020.01)
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G01R 31/392 (2019.01)
G01R 31/389 (2019.01)
H01M 10/42 (2006.01)
H01M 10/44 (2006.01)
H01M 10/48 (2006.01)
H02J 7/00 (2006.01)
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G01R 31/3835 (2019.01)
G01R 31/392 (2019.01)
H01M 10/48 (2006.01)
H02J 7/00 (2006.01)
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H04L 9/40 (2022.01)
G06F 21/10 (2013.01)
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 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/444 (2006.01)
A61P 1/00 (2006.01)
A61P 17/00 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/444 (2006.01)
A61P 1/00 (2006.01)
A61P 17/00 (2006.01)
A61P 29/00 (2006.01)
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C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
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C25B 9/77 (2021.01)
C25B 11/031 (2021.01)
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C07D 211/40 (2006.01)
A61K 31/445 (2006.01)
C07C 233/00 (2006.01)
C07D 211/54 (2006.01)
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A61M 25/00 (2006.01)
A61M 27/00 (2006.01)
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H02J 3/00 (2006.01)
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 (21) 2022267599 (22) 25.04.2022
 (54) BEACON FRAME TRANSMISSION METHOD IN EMLSR MODE, AND RELATED APPARATUS
 (51) Int. Cl.
H04W 74/08 (2009.01)
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 (31) 202110462339.3 (32) 27.04.21 (33) CN
 (43) 03.11.2022
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- (71) HUAWEI TECHNOLOGIES CO., LTD.
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 (21) 2022293427 (22) 26.04.2022
 (54) OPTICAL CABLE
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- (51) Int. Cl.
G02B 6/44 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) HUMMER, M.
 (11) AU-A-2022275689
 (21) 2022275689 (22) 04.05.2022
 (54) METHOD AND DEVICES FOR DETECTING VIRUSES AND BACTERIAL PATHOGENS
 (51) Int. Cl.
G01N 33/487 (2006.01)
G01N 33/569 (2006.01)
G16H 10/40 (2018.01)
 (87) WO2022/245542
 (31) 17/324,085 (32) 18.05.21 (33) US
 (43) 24.11.2022
 (72) HUMMER, Matthew; HUMMER, Gregory J.
 (74) Spruson & Ferguson
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- (71) HYALEX ORTHOPAEDICS, INC.
 (11) AU-A-2022305260
 (21) 2022305260 (22) 01.07.2022
 (54) MULTI-LAYERED BIOMIMETIC OSTEOCHONDRAL IMPLANTS
 (51) Int. Cl.
A61F 2/30 (2006.01)
A61L 27/36 (2006.01)
 (87) WO2023/278875
 (31) 17/365,135 (32) 01.07.21 (33) US
 (43) 05.01.2023
 (72) FRYMAN, James, Craig; HAWKINS, Michael, E.; SAHNEY, Mira; MYUNG, David
 (74) Davies Collison Cave Pty Ltd
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- (71) ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
 (11) AU-A-2022267223
 (21) 2022267223 (22) 25.04.2022
 (54) CHIMERIC NEWCASTLE DISEASE VIRUS EXPRESSING APMV HN AND F PROTEINS
 (51) Int. Cl.
A61P 31/14 (2006.01)
A61K 31/7088 (2006.01)
A61K 31/7105 (2006.01)
A61K 38/00 (2006.01)
A61K 39/12 (2006.01)
A61K 39/17 (2006.01)
A61P 31/12 (2006.01)
C12N 7/04 (2006.01)
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(11) AU-A-2022269804
(21) 2022269804 (22) 02.05.2022
(54) FLUORESCENT DYES CONTAINING BIS-BORON FUSED HETEROCYCLES AND USES IN SEQUENCING
(51) Int. Cl.
C07F 5/02 (2006.01)
A61K 31/196 (2006.01)
A61K 41/00 (2020.01)
A61K 47/54 (2017.01)
C09B 23/01 (2006.01)
C09B 23/04 (2006.01)
C09B 23/12 (2006.01)
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(31) 63/184,429 (32) 05.05.21 (33) US
(43) 10.11.2022
(72) CALLINGHAM, Michael; ROMANOV, Nikolai Nikolaevich; LIU, Xiaohai; PIEKOS, Justyna
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- (71) IMPOSSIBLE FOODS INC.
(11) AU-A-2022261088
(21) 2022261088 (22) 20.04.2022
(54) NON-ANIMAL-BASED WHOLE-CUT FOOD PRODUCTS
(51) Int. Cl.
A23J 1/00 (2006.01)
A23J 3/14 (2006.01)
A23J 3/22 (2006.01)
A23L 13/00 (2016.01)
A23L 33/185 (2016.01)
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(43) 27.10.2022
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(74) Griffith Hack
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(54) JAK1 PATHWAY INHIBITORS FOR THE TREATMENT OF PRURIGO NODULARIS
(51) Int. Cl.
A61K 31/4155 (2006.01)
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A61K 31/5377 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
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(72) SMITH, Paul; BROWN, Kurt Andrew
(74) Houlihan Intellectual Property Pty Ltd
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- (71) INPEX CORPORATION; JAPAN TECHNOLOGICAL RESEARCH ASSOCIATION OF ARTIFICIAL PHOTOSYNTHETIC CHEMICAL PROCESS; THE UNIVERSITY OF TOKYO
(11) AU-A-2022266349
(21) 2022266349 (22) 29.03.2022
(54) METHOD AND EQUIPMENT FOR PRODUCING HYDROGEN-ENRICHED GAS
(51) Int. Cl.
C01B 3/04 (2006.01)
B01D 53/22 (2006.01)
B01J 23/89 (2006.01)
B01J 35/02 (2006.01)
C01B 3/56 (2006.01)
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(31) 2021-075319 (32) 27.04.21 (33) JP
(43) 03.11.2022
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- (71) INSPIRE MEDICAL SYSTEMS, INC.
(11) AU-A-2022288632
(21) 2022288632 (22) 09.06.2022
(54) RESPIRATION SENSING
(51) Int. Cl.
A61B 5/113 (2006.01)
A61B 5/00 (2006.01)
A61B 5/08 (2006.01)
A61N 1/36 (2006.01)
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(31) 63/209,150 (32) 10.06.21 (33) US
(43) 15.12.2022
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(74) WRAYS PTY LTD
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- (71) INSUSENSE APS
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(21) 2022260554 (22) 22.04.2022
(54) MODULATORS OF SORTILIN ACTIVITY
(51) Int. Cl.
C07K 5/097 (2006.01)
C07K 5/06 (2006.01)
C07K 5/062 (2006.01)
C07K 5/065 (2006.01)
C07K 5/078 (2006.01)
(87) WO2022/223805
(31) 21170274.1 (32) 23.04.21 (33) EP
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(72) LITTLE, Paul Brian; CASES-THOMAS, Manuel Javier; KJØLBY, Mads Fuglsang; NYKJÆR, Anders
(74) FB Rice Pty Ltd
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- (71) INTEGRATED DYNAMIC ELECTRON SOLUTIONS, INC.
(11) AU-A-2022259406
(21) 2022259406 (22) 15.02.2022
(54) ARBITRARY ELECTRON DOSE WAVEFORMS FOR ELECTRON MICROSCOPY
(51) Int. Cl.
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G01N 23/2251 (2018.01)
H01J 37/06 (2006.01)
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(31) 63/176,115 (32) 16.04.21 (33) US
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(72) BLOOM, Ruth Shewmon; REED, Bryan Walter; MASIEL, Daniel Joseph; PARK, Sang Tae
(74) Spruson & Ferguson
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- (71) INTEGRITY BIO-CHEMICALS, LLC
(11) AU-A-2022264516
(21) 2022264516 (22) 28.04.2022
(54) CONSUMER AND INDUSTRIAL PRODUCTS COMPRISING A SURFACTANT AND FATTY ACID REACTION PRODUCTS OF DEXTRINS OR DEXTRAN
(51) Int. Cl.
C08B 37/02 (2006.01)
C08K 5/09 (2006.01)
C08L 5/02 (2006.01)
(87) WO2022/232352
(31) 63/181,523 (32) 29.04.21 (33) US
63/272,368 27.10.21 US
(43) 03.11.2022
(72) GARDNER, Christopher P.; ALMOND, Stephen William
(74) FB Rice Pty Ltd
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- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION
(11) AU-A-2022287210
(21) 2022287210 (22) 31.05.2022
(54) RESET DYNAMIC ADDRESS TRANSLATION PROTECTION INSTRUCTION
(51) Int. Cl.
G06F 12/1009 (2016.01)
G06F 12/1027 (2016.01)
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(31) 17/335,224 (32) 01.06.21 (33) US
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(74) Spruson & Ferguson
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- (71) INVAIO SCIENCES, INC.
(11) AU-A-2022258578
(21) 2022258578 (22) 14.04.2022
(54) PESTICIDAL MINICELLS AND COMPOSITIONS THEREOF FOR AGRICULTURAL APPLICATIONS
(51) Int. Cl.
A62D 3/02 (2007.01)
C07K 14/195 (2006.01)
C07K 14/24 (2006.01)
C12N 9/00 (2006.01)
(87) WO2022/221535
(31) 63/175,488 (32) 15.04.21 (33) US
(43) 20.10.2022
(72) AVENDAÑO AMADO, Maier Steve; SIMHADRI, Rama Krishna;

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- KRISTENSEN II, Duane Lee; KRAEMER, James Aaron
(74) Davies Collison Cave Pty Ltd
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- (71)** INVENTIO AG
(11) AU-A-2022260387
(21) 2022260387 **(22)** 07.04.2022
(54) BUILDING SLIDING DOOR SYSTEM WITH ELECTRONIC DISPLAY DEVICE WHICH EXTENDS OVER THE EDGES
(51) Int. Cl.
E05F 15/632 (2015.01)
E05F 15/73 (2015.01)
(87) WO2022/223306
(31) 21169295.9 **(32)** 20.04.21 **(33)** EP
(43) 27.10.2022
(72) VONAESCH, Jonas
(74) Griffith Hack
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- (71)** JAMES HARDIE TECHNOLOGY LIMITED
(11) AU-A-2022262220
(21) 2022262220 **(22)** 20.04.2022
(54) COATING COMPOSITIONS, METHODS OF MAKING AND USES THEREOF
(51) Int. Cl.
C04B 41/50 (2006.01)
B28B 11/04 (2006.01)
B32B 13/02 (2006.01)
C04B 41/00 (2006.01)
C04B 41/52 (2006.01)
C04B 41/71 (2006.01)
E04C 2/04 (2006.01)
C04B 111/80 (2006.01)
(87) WO2022/223648
(31) 63/177,735 **(32)** 21.04.21 **(33)** US
(43) 27.10.2022
(72) CHEN, Yongjun; LUO, Caidian; GIANG, Luan
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- (71)** JANSSEN SCIENCES IRELAND UNLIMITED COMPANY
(11) AU-A-2022236404
(21) 2022236404 **(22)** 16.03.2022
(54) ANTIBACTERIAL COMPOUNDS
(51) Int. Cl.
C07D 519/00 (2006.01)
A61K 31/4745 (2006.01)
A61P 31/04 (2006.01)
(87) WO2022/194906
(31) 21163042.1 **(32)** 17.03.21 **(33)** EP
(43) 22.09.2022
(72) GUILLEMONT, Jérôme Émile Georges; MOTTE, Magali Madeleine Simone; LAMPRECHT, Dirk Antonie; BARTOLOMÉ-NEBREDA, José Manuel
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- (71)** JANSSEN SCIENCES IRELAND UNLIMITED COMPANY
(11) AU-A-2022237769
(21) 2022237769 **(22)** 15.03.2022
(54) ANTIBACTERIAL COMPOUNDS
(51) Int. Cl.
A61P 31/06 (2006.01)
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- (71)** JANSSEN SCIENCES IRELAND UNLIMITED COMPANY
(11) AU-A-2022240967
(21) 2022240967 **(22)** 16.03.2022
(54) ANTIBACTERIAL COMPOUNDS
(51) Int. Cl.
A61P 31/04 (2006.01)
A61K 31/407 (2006.01)
A61K 31/4162 (2006.01)
A61K 31/4188 (2006.01)
A61K 31/4196 (2006.01)
A61K 31/53 (2006.01)
A61K 31/54 (2006.01)
A61K 45/06 (2006.01)
A61P 31/06 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 487/14 (2006.01)
C07D 491/04 (2006.01)
C07D 513/04 (2006.01)
(87) WO2022/194905
(31) 21163040.5 **(32)** 17.03.21 **(33)** EP
(43) 22.09.2022
(72) GUILLEMONT, Jérôme Émile Georges; MOTTE, Magali Madeleine Simone; LAMPRECHT, Dirk Antonie; BARTOLOMÉ-NEBREDA, José Manuel
(74) Spruson & Ferguson
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- (71)** JIEMPRUEKWATTANA, P.
(11) AU-A-2021442539
(21) 2021442539 **(22)** 27.04.2021
(54) CRYSTAL GLASS HAIR REMOVER AND SCRUB/EXFOLIATOR TO USE ON THE SKIN
(51) Int. Cl.
A45D 26/00 (2006.01)
(87) WO2022/231527
(43) 03.11.2022
(72) JIEMPRUEKWATTANA, Panita
(74) Arcadia Intellectual Property
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- (71)** JOHNSON & JOHNSON CONSUMER INC.
(11) AU-A-2022236848
(21) 2022236848 **(22)** 09.03.2022
(54) UMBILICAL CORD SENSORS AND METHODS OF USING THE SAME
(51) Int. Cl.
A61B 5/026 (2006.01)
A61B 5/00 (2006.01)
A61B 5/15 (2006.01)
A61B 17/12 (2006.01)
A61B 5/145 (2006.01)
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- (71)** JOHNSON & JOHNSON CONSUMER INC.
(11) AU-A-2022236886
(21) 2022236886 **(22)** 15.03.2022
(54) METHODS OF USING COMPOSITIONS COMPRISING AN ICELAND MOSS EXTRACT
(51) Int. Cl.
A61K 36/09 (2006.01)
A61K 9/00 (2006.01)
A61P 1/00 (2006.01)
A61P 17/00 (2006.01)
A61P 27/02 (2006.01)
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(31) 21305339.0 **(32)** 19.03.21 **(33)** EP
(43) 22.09.2022
(72) BRUN, Cecilia; ODDOS, Thierry; MANGEZ, Claire
(74) Spruson & Ferguson
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- (71)** JOHNSON MATTHEY HYDROGEN TECHNOLOGIES LIMITED
(11) AU-A-2022291259
(21) 2022291259 **(22)** 08.06.2022
(54) ELECTROCATALYST INK
(51) Int. Cl.
H01M 4/86 (2006.01)
H01M 4/88 (2006.01)
H01M 4/92 (2006.01)
H01M 8/1004 (2016.01)
H01M 8/1018 (2016.01)
H01M 8/10 (2016.01)
(87) WO2022/258965
(31) 2108369.6 **(32)** 11.06.21 **(33)** GB
(43) 15.12.2022
(72) MARTINEZ BONASTRE, Alejandro; MARIN FLORIDO, Daniel
(74) Spruson & Ferguson
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- (71)** KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(11) AU-A-2022261529
(21) 2022261529 **(22)** 08.02.2022
(54) INTERNAL COMBUSTION ENGINE AND METHOD FOR CONTROLLING INTERNAL COMBUSTION ENGINE
(51) Int. Cl.
F02M 26/50 (2016.01)
F02M 26/24 (2016.01)
(87) WO2022/224545
(31) 2021-073133 **(32)** 23.04.21 **(33)** JP
(43) 27.10.2022
(72) IJUIN, Takashi; YAJIMA, Shoji
(74) Griffith Hack
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- (71)** KELLOGG BROWN & ROOT LLC
(11) AU-A-2022256302
(21) 2022256302 **(22)** 24.03.2022
(54) METHOD AND APPARATUS FOR ESTIMATING ELECTROMAGNETIC EN-

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- VIRONMENTAL EFFECTS ON RF DEPENDENT SYSTEMS
(51) Int. Cl.
G01R 23/167 (2006.01)
G01R 29/08 (2006.01)
G01R 31/00 (2006.01)
H04B 1/16 (2006.01)
H04L 27/06 (2006.01)
(87) WO2022/221022
(31) 63/175,162 **(32)** 15.04.21 **(33)** US
(43) 20.10.2022
(72) HARWOOD II, Theodore, Leonard;
 BLACK, Jerick, Craig
(74) Spruson & Ferguson
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- (71)** KERECIS HF
(11) AU-A-2022242956
(21) 2022242956 **(22)** 25.03.2022
(54) WOUND TREATMENTS AND METHODS OF STABILIZING, PROTECTING, AND TREATING A WOUND
(51) Int. Cl.
A61L 26/00 (2006.01)
A61L 27/36 (2006.01)
A61L 27/50 (2006.01)
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(31) 63/166,005 **(32)** 25.03.21 **(33)** US
 63/166,064 25.03.21 US
(43) 29.09.2022
(72) SIGURJONSSON, Gudmundur Fertram
(74) Michael Buck IP
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- (71)** KIMBERLY-CLARK WORLDWIDE, INC.
(11) AU-A-2021437095
(21) 2021437095 **(22)** 31.03.2021
(54) PERSONALIZED SKIN CARE COMPOSITIONS
(51) Int. Cl.
A61K 8/98 (2006.01)
A61K 35/20 (2006.01)
A61K 35/36 (2015.01)
A61P 17/00 (2006.01)
A61Q 19/00 (2006.01)
(87) WO2022/211798
(43) 06.10.2022
(72) KOSNICKI, Kassi; ENGELBRECHT, Kathleen C.
(74) Spruson & Ferguson
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- (71)** KIMBERLY-CLARK WORLDWIDE, INC.
(11) AU-A-2021438112
(21) 2021438112 **(22)** 30.03.2021
(54) MULTI-LAYER ABSORBENT CORES AND METHODS OF MANUFACTURE
(51) Int. Cl.
A61F 13/535 (2006.01)
A41D 1/06 (2006.01)
A41D 31/12 (2019.01)
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(72) JEONG, YunSeok; LEE, WonYoung; LEE, MinHee; JUNG, SukHee
(74) Spruson & Ferguson
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- (71)** KIMBERLY-CLARK WORLDWIDE, INC.
(11) AU-A-2022246832
(21) 2022246832 **(22)** 30.03.2022
(54) ANTIMICROBIAL WET WIPES
(51) Int. Cl.
A61K 8/02 (2006.01)
A61K 8/19 (2006.01)
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(31) 63/168,589 **(32)** 31.03.21 **(33)** US
(43) 06.10.2022
(72) KOENIG, David W.; ESCOBAR, Salvador E.; KISCHNICK, Andrew R.; ROESSLER, Brian T.; BALLESTEROS, Jane
(74) Spruson & Ferguson
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- (71)** KOMATSU LTD.
(11) AU-A-2022278293
(21) 2022278293 **(22)** 19.05.2022
(54) LOADING MACHINE CONTROL SYSTEM AND CONTROL METHOD
(51) Int. Cl.
E02F 9/20 (2006.01)
E02F 3/43 (2006.01)
E02F 9/26 (2006.01)
(87) WO2022/244832
(31) 2021-084781 **(32)** 19.05.21 **(33)** JP
(43) 24.11.2022
(72) HATAKE Kazuhiro; SAIGO Yusuke
(74) FB Rice Pty Ltd
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- (71)** KONE CORPORATION
(11) AU-A-2021440528
(21) 2021440528 **(22)** 14.04.2021
(54) ELEVATOR CONTROL
(51) Int. Cl.
B66B 1/24 (2006.01)
B66B 1/46 (2006.01)
(87) WO2022/219220
(43) 20.10.2022
(72) HAAPANIEMI, Markku; RÄSÄNEN, Matti
(74) Collison & Co
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- (71)** KONE CORPORATION
(11) AU-A-2021442372
(21) 2021442372 **(22)** 28.04.2021
(54) METHOD FOR CONTROLLING ELEVATOR COUNTERWEIGHT BRAKE DEVICE AND ELEVATOR
(51) Int. Cl.
B66B 5/02 (2006.01)
B66B 17/12 (2006.01)
(87) WO2022/228662
(43) 03.11.2022
(72) HELENIUS, Juha
(74) Collison & Co
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- (71)** KONINKLIJKE DOUWE EGBERTS B.V.
(11) AU-A-2022270915
(21) 2022270915 **(22)** 04.05.2022
(54) AROMATISING FOOD AND BEVERAGES
(51) Int. Cl.
A23F 5/24 (2006.01)
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- A23F 3/18** (2006.01)
A23F 3/42 (2006.01)
A23F 5/48 (2006.01)
(87) WO2022/233935
(31) 2106330.0 **(32)** 04.05.21 **(33)** GB
(43) 10.11.2022
(72) HEIJMAN, Gertjan; ROOS, Ellen; BRUST, Ria; FRANK, Oliver; HOFFMAN, Thomas; HEGMANN, Christian; KLOSTERMANN, Cynthia
(74) DAVIS IP PTY LTD
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- (71)** KONINKLIJKE PHILIPS N.V.
(11) AU-A-2022240881
(21) 2022240881 **(22)** 09.03.2022
(54) SUCTION HEAD FOR APPLICATION IN A VACUUM CLEANER
(51) Int. Cl.
A47L 11/34 (2006.01)
A47L 9/04 (2006.01)
A47L 11/40 (2006.01)
(87) WO2022/194631
(31) 21163038.9 **(32)** 17.03.21 **(33)** EP
(43) 22.09.2022
(72) ESPIN FRANCO, Fermín; BRADA, IJpe Bernardus
(74) FB Rice Pty Ltd
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- (71)** KOWA COMPANY, LTD.
(11) AU-A-2022264289
(21) 2022264289 **(22)** 27.04.2022
(54) BLOOD CARNITINE-INCREASING AGENT
(51) Int. Cl.
A61K 31/424 (2006.01)
A61K 31/205 (2006.01)
A61P 3/00 (2006.01)
(87) WO2022/230920
(31) 2021-076350 **(32)** 28.04.21 **(33)** JP
(43) 03.11.2022
(72) TANIGAWA, Ryohei; SAITO, Ayumi; IKEGAMI, Kaho
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** LANDIS+GYR TECHNOLOGY, INC.
(11) AU-A-2022261879
(21) 2022261879 **(22)** 19.04.2022
(54) TECHNIQUES TO REDUCE TRANSMISSION FAILURES IN TIME-SLOTTED CHANNEL HOPPING NETWORKS
(51) Int. Cl.
H04W 28/02 (2009.01)
H04W 74/08 (2009.01)
(87) WO2022/225988
(31) 17/235,520 **(32)** 20.04.21 **(33)** US
(43) 27.10.2022
(72) HOLCOMBE, Michael Sean; MATTHEWS, Justin Clifford
(74) Davies Collison Cave Pty Ltd
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- (71)** LANTERN PHARMA INC.
(11) AU-A-2022256540
(21) 2022256540 **(22)** 12.04.2022
(54) METHOD FOR TREATING LUNG CANCER AND NON-SMALL CELL LUNG CANCER

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C07C 49/755 (2006.01)
A61K 31/122 (2006.01)
A61P 35/00 (2006.01)
- (87) WO2022/221834
(31) 63/173,968 (32) 12.04.21 (33) US
(43) 20.10.2022
(72) KULKARNI, Aditya; BHATIA, Kishor
(74) FPA Patent Attorneys Pty Ltd
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- (71) LENDLEASE DIGITAL IP PTY LIMITED
(11) AU-A-2022256234
(21) 2022256234 (22) 11.04.2022
(54) SYSTEM AND METHOD FOR AUTOMATICALLY GENERATING AN OPTIMIZED BUILDING FAÇADE DESIGN
- (51) Int. Cl.
G06F 30/13 (2020.01)
G06F 30/20 (2020.01)
G06Q 50/08 (2012.01)
- (87) WO2022/217303
(31) 17/232,077 (32) 15.04.21 (33) US
(43) 20.10.2022
(72) HO, Ngoc Thang; BESON IV, Robert Bruce; BELL, Geoffrey Burton; CERONE, John David; GARRITANO, Adamo; OVERALL, Scott Preston; SHARPLES, Christopher Robert
(74) Griffith Hack
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- (71) LEON-NANODRUGS GMBH
(11) AU-A-2022270938
(21) 2022270938 (22) 05.05.2022
(54) METHODS FOR PRODUCING NANOPARTICLE DISPERSIONS
- (51) Int. Cl.
A61K 9/127 (2006.01)
- (87) WO2022/234050
(31) 21172324.2 (32) 05.05.21 (33) EP
(43) 10.11.2022
(72) DUBIELLA, Christian; VOGLER, Julian; CLEMENT, Pascale; STIENEKER, Frank
(74) Oxygene IP
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- (71) LG CHEM, LTD.
(11) AU-A-2022269992
(21) 2022269992 (22) 06.05.2022
(54) SULFATE CRYSTALS OF MELANOCORTIN RECEPTOR AGONIST COMPOUND AND METHOD OF PRODUCING SAME
- (51) Int. Cl.
C07D 403/06 (2006.01)
A61K 31/5377 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 15/10 (2006.01)
A61P 29/00 (2006.01)
- (87) WO2022/235103
(31) 10-2021-0059132 (32) 07.05.21 (33) KR
(43) 10.11.2022
(72) KIM, Ji Yoon; CHUN, Seul Ah; KIM, Sung Won
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) LG CHEM, LTD.
(11) AU-A-20223239927
(21) 2023239927 (22) 06.03.2023
(54) POROUS INORGANIC PARTICLES, AND COMPOSITE FILLER AND PRODUCT USING SAME
- (51) Int. Cl.
A61L 27/56 (2006.01)
A61L 27/02 (2006.01)
A61L 27/12 (2006.01)
- (87) WO2023/182700
(31) 10-2022-0036793 (32) 24.03.22 (33) KR
(43) 28.09.2023
(72) KIM, Yunseop; KIM, Lucia; KIM, Jee Seon
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) LIFEEDIT THERAPEUTICS, INC.
(11) AU-A-2022242754
(21) 2022242754 (22) 22.03.2022
(54) DNA MODIFYNG ENZYMES AND ACTIVE FRAGMENTS AND VARIANTS THEREOF AND METHODS OF USE
- (51) Int. Cl.
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- (71) LG CHEM, LTD.
(11) AU-A-2022269993 (22) 06.05.2022
(54) CRYSTAL FORM VII OF MELANOCORTIN RECEPTOR AGONIST COMPOUND AND METHOD FOR PREPARING SAME
- (51) Int. Cl.
C07D 403/06 (2006.01)
A61K 31/5377 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 15/10 (2006.01)
A61P 29/00 (2006.01)
- (87) WO2022/235105
(31) 10-2021-0058702 (32) 06.05.21 (33) KR
(43) 10.11.2022
(72) LEE, Ho Yeon; HAM, Jin Ok; LEE, Sang Dae; KIM, Ji Yoon; PARK, Jong Won; KIM, Sung Won; CHUN, Seul Ah
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) LG CHEM, LTD.
(11) AU-A-2022271119
(21) 2022271119 (22) 06.05.2022
(54) CRYSTALLINE FORM V OF MELANOCORTIN RECEPTOR AGONIST COMPOUND, AND METHOD FOR PREPARING SAME
- (51) Int. Cl.
C07D 403/06 (2006.01)
A61K 31/5377 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 15/10 (2006.01)
A61P 29/00 (2006.01)
- (87) WO2022/235104
(31) 10-2021-0058701 (32) 06.05.21 (33) KR
(43) 10.11.2022
(72) HAM, Jin Ok; LEE, Ho Yeon; LEE, Sang Dae; KIM, Ji Yoon; PARK, Jong Won; KIM, Sung Won; CHUN, Seul Ah
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) LG CHEM, LTD.
(11) AU-A-2023239927
(21) 2023239927 (22) 06.03.2023
(54) POROUS INORGANIC PARTICLES, AND COMPOSITE FILLER AND PRODUCT USING SAME
- (51) Int. Cl.
A61L 27/56 (2006.01)
A61L 27/02 (2006.01)
A61L 27/12 (2006.01)
- (87) WO2023/182700
(31) 10-2022-0036793 (32) 24.03.22 (33) KR
(43) 28.09.2023
(72) KIM, Yunseop; KIM, Lucia; KIM, Jee Seon
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) LIFEEDIT THERAPEUTICS, INC.
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(21) 2022242754 (22) 22.03.2022
(54) DNA MODIFYNG ENZYMES AND ACTIVE FRAGMENTS AND VARIANTS THEREOF AND METHODS OF USE
- (51) Int. Cl.
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- (71) LG CHEM, LTD.
(11) AU-A-2022269993 (22) 06.05.2022
(54) CRYSTAL FORM VII OF MELANOCORTIN RECEPTOR AGONIST COMPOUND AND METHOD FOR PREPARING SAME
- (51) Int. Cl.
C07D 403/06 (2006.01)
A61K 31/5377 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 15/10 (2006.01)
A61P 29/00 (2006.01)
- (87) WO2022/204093
(31) 63/164,273 (32) 22.03.21 (33) US
(43) 29.09.2022
(72) BOWEN, Tyson D.; CRAWLEY, Alexandra Briner; ELICH, Tedd D.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) LINEAGE LOGISTICS, LLC
(11) AU-A-2022258476
(21) 2022258476 (22) 13.04.2022
(54) POINT CLOUD FILTERING
- (51) Int. Cl.
G01S 7/00 (2006.01)
G01C 15/00 (2006.01)
G06T 5/00 (2006.01)
G06V 20/00 (2022.01)
- (87) WO2022/221471
(31) 17/230,730 (32) 14.04.21 (33) US
(43) 20.10.2022
(72) ECKMAN, Christopher Frank; LOWE, Brady Michael; HALL, Alexander
(74) RnB IP Pty Ltd
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- (71) LINEAGE LOGISTICS, LLC
(11) AU-A-2022258555
(21) 2022258555 (22) 13.04.2022
(54) GENERATING MAPPINGS OF PHYSICAL SPACES FROM POINT CLOUD DATA
- (51) Int. Cl.
G01C 21/00 (2006.01)
G01S 17/89 (2020.01)
- (87) WO2022/221476
(31) 17/230,651 (32) 14.04.21 (33) US
(43) 20.10.2022
(72) ECKMAN, Christopher Frank; LOWE, Brady Michael
(74) RnB IP Pty Ltd
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- (71) LINGONG HEAVY MACHINERY CO., LTD
(11) AU-A-2022358639
(21) 2022358639 (22) 29.11.2022
(54) FOUR-WHEEL STEERING CONTROL SYSTEM AND CONTROL METHOD THEREFOR
- (51) Int. Cl.
B62D 5/06 (2006.01)
- (31) 202210407581.5 (32) 19.04.22 (33) CN
(43) 02.11.2023
(72) ZHANG, Zhaoliang; LI, Shaolei; WANG, Dehong; XUE, Desen; ZHAO, Zengzhi; DENG, Xiaofei; GUO, Bing
(74) GLMR
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- (71) LION GROUP, INC.
(11) AU-A-2022258438
(21) 2022258438 (22) 13.04.2022
(54) SIMULATOR ARRAY TRAINING SYSTEM
- (51) Int. Cl.
G09B 9/00 (2006.01)

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(31) 63/174,118 **(32)** 13.04.21 **(33)** US
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(72) BRADLEY, Brian; MUNN, Chris
(74) Spruson & Ferguson

(71) MAGNETS FOR EMULSIONS N.V.
(11) AU-A-2022253543
(21) 2022253543 **(22)** 04.04.2022
(54) A MIXING DEVICE AND A METHOD FOR MIXING A FIRST SUBSTANCE AND A SECOND SUBSTANCE TO FORM A MIXED SUBSTANCE
(51) Int. Cl.
B01F 23/50 (2022.01)
B01F 25/312 (2022.01)
B01F 25/53 (2022.01)
(87) WO2022/214433
(31) 2027917 **(32)** 06.04.21 **(33)** NL
(43) 13.10.2022
(72) WILLEMARCK, Nielsen; MARTENS, Johan Adriaan
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) MARGHALANI, T.
(11) AU-A-2022278686
(21) 2022278686 **(22)** 09.02.2022
(54) THREE-DIMENSIONAL ORAL IMAGING SYSTEM AND METHOD
(51) Int. Cl.
A61C 9/00 (2006.01)
A61B 1/06 (2006.01)
A61B 1/12 (2006.01)
A61B 1/24 (2006.01)
(87) WO2022/243752
(31) 17/324,980 **(32)** 19.05.21 **(33)** US
(43) 24.11.2022
(72) MARGHALANI, Thamer
(74) Alder IP Pty Ltd

(71) MARINE POWER SYSTEMS LIMITED
(11) AU-A-2022269851
(21) 2022269851 **(22)** 06.05.2022
(54) BUOYANT OFFSHORE PLATFORM AND A METHOD OF DEPLOYING BUOYANT OFFSHORE PLATFORMS
(51) Int. Cl.
B63B 21/50 (2006.01)
B63B 1/10 (2006.01)
B63B 21/08 (2006.01)
B63B 21/18 (2006.01)
B63B 77/10 (2020.01)
(87) WO2022/234127
(31) 2106575.0 **(32)** 07.05.21 **(33)** GB
 2203820.2 18.03.22 GB
(43) 10.11.2022
(72) FOSTER, Graham
(74) Michael Buck IP

(71) MARS, INCORPORATED
(11) AU-A-2022261747
(21) 2022261747 **(22)** 19.04.2022
(54) SYSTEM, METHOD, AND APPARATUS FOR PET CONDITION DETECTION

(51) Int. Cl.
A01K 29/00 (2006.01)
(87) WO2022/225945
(31) 63/176,812 **(32)** 19.04.21 **(33)** US
(43) 27.10.2022
(72) CARSON, Aletha; CHAMBERS, Robert, Donald; YODER, Nathanael, Christian
(74) Griffith Hack

(71) MARS, INCORPORATED
(11) AU-A-2022264038
(21) 2022264038 **(22)** 29.04.2022
(54) FOOD PRODUCT
(51) Int. Cl.
A23G 3/54 (2006.01)
A23L 25/00 (2016.01)
A23L 33/21 (2016.01)
(87) WO2022/232606
(31) 2106248.4 **(32)** 30.04.21 **(33)** GB
(43) 03.11.2022
(72) MUNOZ, Laura; MAARSEN, Jiska
(74) MINTER ELLISON

(71) MARS, INCORPORATED
(11) AU-A-2022264918
(21) 2022264918 **(22)** 29.04.2022
(54) FOOD PRODUCT
(51) Int. Cl.
A21D 13/06 (2017.01)
A21D 13/02 (2006.01)
A23G 4/20 (2006.01)
A23L 33/21 (2016.01)
(87) WO2022/232611
(31) 2106249.2 **(32)** 30.04.21 **(33)** GB
(43) 03.11.2022
(72) MUNOZ, Laura; MAARSEN, Jiska
(74) MINTER ELLISON

(71) MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.
(11) AU-A-2022283550
(21) 2022283550 **(22)** 24.05.2022
(54) NOVEL CRISPR GRNAS
(51) Int. Cl.
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
(87) WO2022/248454
(31) 21176366.9 **(32)** 27.05.21 **(33)** EP
(43) 01.12.2022
(72) RIESENBERG, Stephan; MARICIC, Tomislav; HEMBRECHT, Nelly
(74) Davies Collison Cave Pty Ltd

(71) MAZE THERAPEUTICS, INC.
(11) AU-A-2022239717
(21) 2022239717 **(22)** 14.03.2022
(54) INHIBITORS OF GLYCOGEN SYNTHASE 1 (GYS1) AND METHODS OF USE THEREOF
(51) Int. Cl.
A61K 31/137 (2006.01)
A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
(87) WO2022/198196
(31) 63/161,347 **(32)** 15.03.21 **(33)** US
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(72) MORGANS JR., David John; MELLEM, Kevin; POWERS, Hannah L.; LEE, Patrick Sang Tae; WON, Walter; SINZ, Christopher Joseph
(74) FB Rice Pty Ltd

(71) MCCORMICK & COMPANY, INC.
(11) AU-A-2022246007
(21) 2022246007 **(22)** 22.03.2022
(54) EMULSIFIED CONDIMENT
(51) Int. Cl.
A23L 13/40 (2023.01)
A23L 27/26 (2016.01)
(87) WO2022/204142
(31) 17/212,305 **(32)** 25.03.21 **(33)** US
(43) 29.09.2022
(72) MCDAVID, Breanne J; MOORE, JR, Ronald; ROBERTSON, Dennis David
(74) Griffith Hack

(71) MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH
(11) AU-A-2022265692
(21) 2022265692 **(22)** 28.04.2022
(54) OBJECTIVE MEASUREMENTS FOR DETERMINING CHANNEL INTERACTION OF A COCHLEAR IMPLANT
(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/12 (2006.01)
A61N 1/05 (2006.01)
(87) WO2022/232387
(31) 63/181,801 **(32)** 29.04.21 **(33)** US
(43) 03.11.2022
(72) MANDRUZZATO, Giacomo; POLAK, Marek
(74) BOSH IP Pty Ltd

(71) MEDSHINE DISCOVERY INC.
(11) AU-A-2022240688
(21) 2022240688 **(22)** 16.03.2022
(54) FURAN FUSED RING-SUBSTITUTED GLUTARIMIDE COMPOUND
(51) Int. Cl.
C07D 405/14 (2006.01)
A61K 31/445 (2006.01)
A61K 31/4523 (2006.01)
A61P 35/00 (2006.01)
C07D 405/04 (2006.01)
C07D 493/00 (2006.01)
(87) WO2022/194221
(31) 202110286500.6 **(32)** 17.03.21 **(33)** CN
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 202210187905.9 28.02.22 CN
(43) 22.09.2022
(72) LEI, Maoyi; LI, Junmiao; CHEN, Shuhui
(74) FB Rice Pty Ltd

(71) MEINKE, R.
(11) AU-A-2022246087
(21) 2022246087 **(22)** 23.03.2022
(54) DISCRETE FLUX-DIRECTED MAGNET ASSEMBLIES AND SYSTEMS FORMED THEREWITH
(51) Int. Cl.

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H02K 1/2783 (2022.01)
H02K 1/2792 (2022.01)
H02K 21/16 (2006.01)
H02K 21/24 (2006.01)
(87) WO2022/204329
(31) 63/165,107 **(32)** 23.03.21 **(33)** US
(43) 29.09.2022
(72) MEINKE, Rainer
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- (71)** MEMBION GMBH
(11) AU-A-2022261310
(21) 2022261310 **(22)** 05.04.2022
(54) MEMBRANE FILTER AND FILTERING METHOD
(51) Int. Cl.
B01D 61/18 (2006.01)
B01D 63/02 (2006.01)
B01D 63/04 (2006.01)
B01D 65/02 (2006.01)
B01D 65/08 (2006.01)
(87) WO2022/223278
(31) 10 2021 110 329.0 **(32)** 22.04.21 **(33)** DE
(43) 27.10.2022
(72) VOLMERING, Dirk; VOSSENKAUL, Klaus
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71)** MERUS N.V.; INCYTE CORPORATION
(11) AU-A-2022246842
(21) 2022246842 **(22)** 30.03.2022
(54) MULTISPECIFIC BINDING MOIETIES COMPRISING NOVEL PD-1 BINDING DOMAINS
(51) Int. Cl.
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/212516
(31) 2027893 **(32)** 31.03.21 **(33)** NL
(43) 06.10.2022
(72) PLYTE, Simon Edward; MAYES, Patrick; NASTRI, Horacio G.; STEWART, Shaun M.
(74) Pearce IP Pty Ltd
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- (71)** MERUS N.V.; INCYTE CORPORATION
(11) AU-A-2022248913
(21) 2022248913 **(22)** 31.03.2022
(54) NOVEL PD-1 BINDING DOMAINS
(51) Int. Cl.
C07K 16/28 (2006.01)
(87) WO2022/211629
(31) 2027892 **(32)** 31.03.21 **(33)** NL
(43) 06.10.2022
(72) PLYTE, Simon Edward; MAYES, Patrick; NASTRI, Horacio G.; STEWART, Shaun M.; BUONPANE, Rebecca A.
(74) Pearce IP Pty Ltd
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- (71)** METSO FINLAND OY
(11) AU-A-2022266190
(21) 2022266190 **(22)** 06.04.2022
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- (54)** DIVIDING HOPPER AND TRANSPORTABLE SCREENING APPARATUS
(51) Int. Cl.
B07B 1/00 (2006.01)
B02C 23/08 (2006.01)
B07B 13/16 (2006.01)
B65G 11/14 (2006.01)
(87) WO2022/229499
(31) 202111019069 **(32)** 26.04.21 **(33)** IN
(43) 03.11.2022
(72) SHARMA, Jasvinder
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** MIRATI THERAPEUTICS, INC.
(11) AU-A-2022253455
(21) 2022253455 **(22)** 05.04.2022
(54) COMBINATION THERAPIES USING PRMT5 INHIBITORS FOR THE TREATMENT OF CANCER
(51) Int. Cl.
A61K 31/502 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
(87) WO2022/216648
(31) 63/172,639 **(32)** 08.04.21 **(33)** US
(43) 13.10.2022
(72) ENGSTROM, Lars, Daniel; OLSON, Peter; CHRISTENSEN, James, Gail
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** MIRATI THERAPEUTICS, INC.
(11) AU-A-2022254651
(21) 2022254651 **(22)** 05.04.2022
(54) COMBINATION THERAPIES USING PRMT5 INHIBITORS FOR THE TREATMENT OF CANCER
(51) Int. Cl.
A61K 31/502 (2006.01)
A61K 31/505 (2006.01)
A61K 31/519 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
(87) WO2022/216645
(31) 63/172,643 **(32)** 08.04.21 **(33)** US
(43) 13.10.2022
(72) ENGSTROM, Lars, Daniel; OLSON, Peter; CHRISTENSEN, James, Gail
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** MITSUBISHI HEAVY INDUSTRIES, LTD.
(11) AU-A-2022340028
(21) 2022340028 **(22)** 20.07.2022
(54) CONTROL DEVICE FOR GAS TURBINE, GAS TURBINE FACILITY, METHOD FOR CONTROLLING GAS TURBINE, AND CONTROL PROGRAM FOR GAS TURBINE
(51) Int. Cl.
F02C 9/00 (2006.01)
(87) WO2023/032498
(31) 2021-139624 **(32)** 30.08.21 **(33)** JP
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- (43)** 09.03.2023
(72) TSUKAHARA, Akitomo; OKUI, Hidetaka; FUJITA, Kimiyasu
(74) Davies Collison Cave Pty Ltd
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- (71)** MMD GROUP LIMITED
(11) AU-A-2022276144
(21) 2022276144 **(22)** 18.05.2022
(54) TOOTH FORMATION AND TOOTH PICK FORMATION
(51) Int. Cl.
E21C 35/18 (2006.01)
B02C 4/20 (2006.01)
B02C 13/28 (2006.01)
E21C 35/193 (2006.01)
(87) WO2022/243680
(31) 2107129.5 **(32)** 19.05.21 **(33)** GB
(43) 24.11.2022
(72) PEARSON, Christopher
(74) WRAYS PTY LTD
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- (71)** MODIBODI AUSTRALIA PTY LTD
(11) AU-A-2022279954
(21) 2022279954 **(22)** 14.04.2022
(54) A BOOSTER FOR A MOISTURE MANAGEMENT PANT
(51) Int. Cl.
A61F 13/15 (2006.01)
A61F 13/496 (2006.01)
A61F 13/51 (2006.01)
A61F 13/56 (2006.01)
A61F 13/62 (2006.01)
A61F 13/70 (2006.01)
(87) WO2022/246494
(31) 2021901589 **(32)** 27.05.21 **(33)** AU
(43) 01.12.2022
(72) CHONG, Kristy; WARNER, Alice
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** MODIBODI AUSTRALIA PTY LTD
(11) AU-A-2022280533
(21) 2022280533 **(22)** 14.04.2022
(54) QUICK DRYING MOISTURE MANAGEMENT PANT
(51) Int. Cl.
A61F 13/15 (2006.01)
A61F 13/496 (2006.01)
A61F 13/51 (2006.01)
A61F 13/56 (2006.01)
A61F 13/62 (2006.01)
A61F 13/70 (2006.01)
(87) WO2022/246495
(31) 2021901589 **(32)** 27.05.21 **(33)** AU
(43) 01.12.2022
(72) CHONG, Kristy; WARNER, Alice
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** MONASH UNIVERSITY
(11) AU-A-2022243921
(21) 2022243921 **(22)** 25.03.2022
(54) A METHOD OF PROCESSING TYRES INTO PYROLYTIC OIL QUALITY BY INTRODUCING A CO-FEED
(51) Int. Cl.
C08J 11/12 (2006.01)

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C10B 53/07 (2006.01)
C10G 1/10 (2006.01)
(87) WO2022/198281
(31) 2021900888 **(32)** 25.03.21 **(33)** AU
(43) 29.09.2022
(72) KUNDU, Chandan; CHAUDHRY, Umer; KIBRIA, Mahmud Arman; BHAT-TACHARYA, Sankar
(74) Spruson & Ferguson
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- (71)** NANJING LEGEND BIOTECH CO., LTD.
(11) AU-A-2022262046
(21) 2022262046 **(22)** 19.04.2022
(54) CHIMERIC CYTOKINE RECEPTORS AND USES THEREOF IN CELLULAR THERAPIES
(51) Int. Cl.
C07K 16/28 (2006.01)
C07K 14/725 (2006.01)
C12N 5/10 (2006.01)
C12N 15/90 (2006.01)
(87) WO2022/222905
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) SYSTEM, DEVICE AND METHOD FOR DIGITAL PAYMENT
(51) Int. Cl.
G06Q 20/36 (2012.01)
G06Q 20/34 (2012.01)
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
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(54) RECEPTION SYSTEM AND RECEPTION METHOD
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G06Q 50/16 (2012.01)
G06Q 50/10 (2012.01)
G07C 9/22 (2020.01)
G07C 9/25 (2020.01)
G07C 9/27 (2020.01)
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(72) ITOH Toshihiko
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) PROCESS FOR THE SEPARATION OF A PRODUCT MIXTURE
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B01D 3/14 (2006.01)
B01D 3/34 (2006.01)
C07C 41/42 (2006.01)
C07C 41/58 (2006.01)
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(74) Griffith Hack
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(54) MAGNETIC INTERACTION SYSTEM BETWEEN ROTORS FOR PRODUCTION AND STORAGE OF KINETIC ENERGY
(51) Int. Cl.
H02K 7/02 (2006.01)
H02K 49/10 (2006.01)
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(72) DE SOUSA PEREIRA, Paulo Eduardo
(74) Griffith Hack
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A61K 31/395 (2006.01)
A61P 19/02 (2006.01)
A61P 25/00 (2006.01)
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(31) 63/181,834 **(32)** 29.04.21 **(33)** US
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- (71)** NEUROTRAUMA SCIENCES LLC
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C07J 51/00 (2006.01)
A61K 31/57 (2006.01)
A61P 29/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) TIBIAL PLATEAU LEVELING OSTEOTOMY PLATE WITH OFFSET
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A61B 17/80 (2006.01)
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(31) 17/393,616 **(32)** 04.08.21 **(33)** US
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- (71)** NEWSOUTH INNOVATIONS PTY LIMITED; MACQUARIE UNIVERSITY
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(21) 2021443990 **(22)** 07.05.2021
(54) A SURGICAL IMPLANT
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 17/68 (2006.01)
A61F 2/28 (2006.01)
A61F 2/30 (2006.01)
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(54) PROCESS OF RECYCLED POLYPROPYLENE
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C08J 11/06 (2006.01)
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C12Q 1/6883 (2018.01)
G01N 33/68 (2006.01)
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 (54) METHODS OF MANUFACTURING A HIGH MOLECULAR WEIGHT HEPARIN COMPOUND

(51) Int. Cl.
 C08B 37/00 (2006.01)
 C08L 5/10 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (51) Int. Cl.
 A61P 1/00 (2006.01)
 A61K 31/4192 (2006.01)
 A61P 37/06 (2006.01)
 A61P 43/00 (2006.01)
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 G06T 7/73 (2017.01)
 B65G 9/00 (2006.01)
 B65G 69/28 (2006.01)
 G05D 1/02 (2020.01)
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 A61K 31/505 (2006.01)
 A61K 31/40 (2006.01)
 A61K 31/403 (2006.01)

A61K 31/4035 (2006.01)
 A61K 31/506 (2006.01)
 C07D 209/02 (2006.01)
 C07D 209/44 (2006.01)
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 A01N 43/836 (2006.01)
 A01N 37/34 (2006.01)
 A01N 37/50 (2006.01)
 A01N 43/40 (2006.01)
 A01N 43/42 (2006.01)
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 A01N 43/54 (2006.01)
 A01N 43/56 (2006.01)
 A01N 43/653 (2006.01)
 A01N 47/14 (2006.01)
 A01N 47/24 (2006.01)
 A01N 55/02 (2006.01)
 A01P 3/00 (2006.01)
 C07D 413/10 (2006.01)
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 (54) ZN-AL-MG PLATED CHECKERED STEEL PLATE
 (51) Int. Cl.
 C23C 2/06 (2006.01)
 C22C 18/00 (2006.01)
 C22C 18/04 (2006.01)
 C23C 2/02 (2006.01)
 C23C 2/28 (2006.01)
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 G06F 16/13 (2019.01)
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 (74) Davies Collison Cave Pty Ltd

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 (54) METHOD OF SHIFTING REDUNDANCY VERSION FOR THE TRANSMISSION OF A TRANSPORT BLOCK OVER MULTIPLE SLOTS
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 H04L 1/00 (2006.01)
 H03M 13/00 (2006.01)
 H04L 1/18 (2023.01)
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 (74) WRAYS PTY LTD

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 (54) COOKING STATION AND GRIDDLE WITH UNDERSTRUCTURE AND METHOD THEREOF
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 A47J 37/06 (2006.01)
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 (51) Int. Cl.
 A61K 47/64 (2017.01)
 A61K 9/51 (2006.01)
 A61K 39/385 (2006.01)
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 A61P 35/00 (2006.01)
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 (54) METHOD FOR PRODUCING PHOSPHORYL OR THIOPHOSPHORYL TRIAMIDE, AND USE OF COMPOUND IN NITROGEN FERTILIZER FORMULATIONS
 (51) Int. Cl.
C07F 9/06 (2006.01)
C01B 21/097 (2006.01)
C05G 3/90 (2020.01)
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 (31) 2104347 (32) 27.04.21 (33) FR
 (43) 03.11.2022
 (72) BEAL, Bernard; BELLEPERCHE, Eric; MONTAGNIER, Bruno
 (74) Davies Collison Cave Pty Ltd

(71) NOVARTIS AG; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
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 (54) DEUBIQUITINASE-TARGETING CHIMERAS AND RELATED METHODS
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A61K 47/55 (2017.01)
A61P 11/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
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 (54) APPARATUS WITH DYNAMIC LIGHT SCATTERING ASSEMBLY
 (51) Int. Cl.
G01N 15/02 (2006.01)
B01L 3/00 (2006.01)
G01N 11/00 (2006.01)
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 (54) WATER SOFTENER SYSTEM
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C02F 5/10 (2023.01)
C02F 1/68 (2023.01)
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 (72) WASHBURN, Byron Laird
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 (54) AN AUTOMATED STORAGE AND RETRIEVAL SYSTEM
 (51) Int. Cl.
B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
B66B 9/10 (2006.01)
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 (31) 2104433.4 (32) 29.03.21 (33) GB
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 (74) James & Wells Intellectual Property

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A61K 31/417 (2006.01)
A61K 31/4174 (2006.01)
C07D 233/04 (2006.01)
C07D 233/06 (2006.01)
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 (72) ONICIU, Daniela Carmen
 (74) RNB IP PTY LTD

(71) OMISAN FARMACEUTICI S.R.L.
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(54) WATER-SOLUBLE TOPICAL OPHTHALMIC PREPARATION CONTAINING LUTEIN AND PRODUCTION METHOD THEREOF
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/00 (2006.01)
A61K 47/12 (2006.01)
A61K 47/22 (2006.01)
A61K 47/36 (2006.01)
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 (74) Griffith Hack

(71) ONESUBSEA IP UK LIMITED
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 (21) 2022261972 (22) 21.04.2022
 (54) FLOW REGIME CLASSIFICATION, WATER LIQUID RATIO ESTIMATION, AND SALINITY ESTIMATION SYSTEMS AND METHODS
 (51) Int. Cl.
G01N 22/04 (2006.01)
G01N 33/28 (2006.01)
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 (54) SYSTEM AND PROCESS TO HEAT PERFORMED PLASTIC PIPES
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B29B 13/02 (2006.01)
F27B 9/06 (2006.01)
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 (51) Int. Cl.
A61P 25/22 (2006.01)
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 (31) 20215311 (32) 19.03.21 (33) FI
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 (72) KUJALA, Johanna; LEHTISALO, Jenni; SALMIA, Jukka; SINERVO, Kai
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ORION CORPORATION
 (11) AU-A-2022239873
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 (54) TEAD INHIBITORS
 (51) Int. Cl.
C07D 205/04 (2006.01)
A61K 31/4015 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 205/08 (2006.01)
C07D 207/277 (2006.01)
C07D 211/78 (2006.01)
C07D 263/24 (2006.01)
C07D 275/02 (2006.01)
C07D 333/48 (2006.01)
C07D 401/12 (2006.01)
C07D 403/04 (2006.01)
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C07D 405/12 (2006.01)
C07D 495/04 (2006.01)
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 (54) FIBERGLASS INSULATION PRODUCT WITH IMPROVED RECOVERY
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C03C 13/00 (2006.01)
B29C 70/18 (2006.01)
E04B 1/76 (2006.01)
E04B 1/78 (2006.01)
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 (31) 63/196,880 (32) 04.06.21 (33) US
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 (72) MATOS, Roberto; FLANTROY, Misty; FRYSINGER, Clint; SHONEBARGER, Greg
 (74) Davies Collison Cave Pty Ltd
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C03C 13/00 (2006.01)
E04B 1/76 (2006.01)
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C03C 13/00 (2006.01)
E04B 1/76 (2006.01)
E04B 1/78 (2006.01)
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G06Q 10/08 (2023.01)
B65B 5/10 (2006.01)
B65B 35/02 (2006.01)
G06Q 10/06 (2023.01)
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G06V 40/20 (2022.01)
G06N 20/00 (2019.01)
G06T 7/20 (2017.01)
G06V 10/25 (2022.01)
G06V 10/44 (2022.01)
G06V 10/46 (2022.01)
G06V 10/74 (2022.01)
G06V 10/75 (2022.01)
G06V 10/764 (2022.01)
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 (54) PEPTIDE AND PEPTIDE-CONTAINING COMPOSITION
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C07K 7/08 (2006.01)
A61K 38/10 (2006.01)
A61K 38/12 (2006.01)
A61K 39/395 (2006.01)
A61P 31/14 (2006.01)
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C07D 417/04 (2006.01)
A61K 31/4155 (2006.01)
A61K 31/4178 (2006.01)
A61K 31/4192 (2006.01)
A61K 31/4245 (2006.01)
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A61P 35/00 (2006.01)
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D06F 53/02 (2006.01)
B60P 3/36 (2006.01)
D06F 57/12 (2006.01)
E04H 15/08 (2006.01)
(87) WO2022/232882
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B32B 3/04 (2006.01)
B32B 5/02 (2006.01)
B32B 5/16 (2006.01)
B32B 5/30 (2006.01)
B32B 7/02 (2019.01)
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B32B 27/28 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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G06F 16/00 (2019.01)
G06F 3/06 (2006.01)
G06F 16/14 (2019.01)
G06F 16/17 (2019.01)
G06F 16/182 (2019.01)
G06F 16/835 (2019.01)
G06F 21/60 (2013.01)
H04L 67/1097 (2022.01)
H04L 67/12 (2022.01)
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H02J 15/00 (2006.01)
F03D 9/11 (2016.01)
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C12N 5/00 (2006.01)
C12N 5/077 (2010.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) SYSTEM AND METHOD FOR EMERGENCY DISPATCH
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H04M 11/04 (2006.01)
H04M 3/42 (2006.01)
H04M 3/51 (2006.01)
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(31) 17/238,843 **(32)** 23.04.21 **(33)** US
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(72) CLAWSON, Jeffrey J.; MCDANIEL, Ronald
(74) GLMR

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A61K 47/68 (2017.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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A61K 31/731 (2006.01)
A61K 35/76 (2015.01)
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(54) MATTRESS ASSEMBLIES
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A47C 27/10 (2006.01)
A47C 27/00 (2006.01)
A47C 27/06 (2006.01)
A47C 27/14 (2006.01)
A47C 27/15 (2006.01)
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(74) Dentons Patent Attorneys Australasia Limited

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A61K 31/522 (2006.01)
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A61P 25/00 (2006.01)
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C07D 487/04 (2006.01)
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B05B 15/00 (2018.01)
B05B 11/00 (2023.01)
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 (51) Int. Cl.
H04N 19/44 (2014.01)
H04N 19/52 (2014.01)
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 (51) Int. Cl.
G06Q 10/02 (2012.01)
G06F 16/22 (2019.01)
G06F 21/10 (2013.01)
G06F 21/62 (2013.01)
G06Q 20/28 (2012.01)
G06Q 30/02 (2023.01)
H04L 9/32 (2006.01)
H04N 21/25 (2011.01)
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A61K 38/18 (2006.01)
A61K 31/05 (2006.01)
A61K 31/135 (2006.01)
A61K 31/196 (2006.01)
A61K 31/352 (2006.01)
A61K 31/435 (2006.01)
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A61P 25/00 (2006.01)
C07K 14/475 (2006.01)
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A61K 38/18 (2006.01)
A61K 38/08 (2019.01)
A61P 25/18 (2006.01)
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G01N 33/68 (2006.01)
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 (54) AN ORAL LIQUID FORMULATION OF METFORMIN, TENELIGLIPTIN, VITAMIN B12, ATORVASTATIN AND LEVOTHYROXINE FOR DIABETES
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/435 (2006.01)
A61P 3/10 (2006.01)
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 (54) PEPTIDES AND METHODS OF USE
 (51) Int. Cl.
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A61K 38/10 (2006.01)
A61K 45/06 (2006.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
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 (51) Int. Cl.
A61B 1/317 (2006.01)
A61B 1/015 (2006.01)
A61B 1/018 (2006.01)
A61B 1/05 (2006.01)
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 (72) NOYES, Willard S.; GRAY, Benjamin J.; SIMPSON, Philip J.
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 (54) PROCESS FOR THE PREPARATION OF ALFAXALONE
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A61K 47/02 (2006.01)
A61K 31/573 (2006.01)
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F16L 21/03 (2006.01)
 (87) WO2022/221093
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 (54) AUTONOMOUS-CONTROL OF HEAVY EQUIPMENT AND VEHICLES USING TASK HIERARCHIES
 (51) Int. Cl.

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G05D 1/00 (2006.01)
G05D 1/02 (2020.01)
G06F 16/22 (2019.01)
G08G 1/00 (2006.01)
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(72) HALDER, Bibhrajit
(74) Spruson & Ferguson

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(51) Int. Cl.
A61K 31/58 (2006.01)
A61K 45/06 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
(87) WO2022/232504
(31) 63/197,025 **(32)** 04.06.21 **(33)** US
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(72) LASSER, Robert, Alfonso; DOHERTY, James; JONAS, Jeffrey, Martin; KANES, Stephen, Jay; GUNDUZ-BRUCÉ, Handan; COLQUHOUN, Helen, Anne; ARNOLD, Ryan; BONTAPALLY, Vijayveer; DUNBAR, Joi, Lisa; ADIWIJAYA, Bambang, Senoaji
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(54) NEUROACTIVE STEROID FOR USE IN TREATING MAJOR DEPRESSIVE DISORDER AND POSTPARTUM DEPRESSION IN A LACTATING FEMALE
(51) Int. Cl.
A61K 31/58 (2006.01)
A61K 45/06 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
(87) WO2022/232494
(31) 63/181,807 **(32)** 29.04.21 **(33)** US
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(51) Int. Cl.
A61K 31/58 (2006.01)
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A61P 25/22 (2006.01)
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(72) LASSER, Robert, Alfonso; DOHERTY, James; JONAS, Jeffrey, Martin; KANES, Stephen, Jay; GUNDUZ-BRUCÉ, Handan; BULLOCK, Amy, E.; WALD, Jeffrey, A.
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(71) SALVUS, LLC
(11) AU-A-2022263988
(21) 2022263988 **(22)** 26.04.2022

(54) SYSTEMS AND METHODS FOR CHEMICAL AND BIOLOGICAL AUTHENTICATION
(51) Int. Cl.
G06K 7/10 (2006.01)
G06K 19/08 (2006.01)
(87) WO2022/232096
(31) 63/179,603 **(32)** 26.04.21 **(33)** US
(43) 03.11.2022
(72) LEVIN, Ron; BEELAND, R., Clinton; LOAR, James
(74) Davies Collison Cave Pty Ltd

(71) SAMSUNG ELECTRONICS CO., LTD.
(11) AU-A-2022240331
(21) 2022240331 **(22)** 16.03.2022
(54) DEVICE FOR PROVIDING IOT SERVICE AND METHOD THEREFOR
(51) Int. Cl.
H04L 12/28 (2006.01)
G06Q 10/08 (2023.01)
G16Y 20/20 (2020.01)
H04L 67/12 (2022.01)
H04L 67/51 (2022.01)
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C12N 5/10 (2006.01)
C07K 14/705 (2006.01)
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H05B 47/135 (2020.01)
H05B 47/14 (2020.01)
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C23F 13/04 (2006.01)
C04B 28/00 (2006.01)
C23F 13/06 (2006.01)
C23F 13/12 (2006.01)
C23F 13/18 (2006.01)
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B01J 29/072 (2006.01)
C07C 29/50 (2006.01)
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(54) ANTI-GPC3 ANTIBODIES, MULTISPECIFIC ANTIBODIES AND METHODS OF USE

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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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A61K 31/50 (2006.01)
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C07D 491/044 (2006.01)
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A23C 11/06 (2006.01)
A23L 7/104 (2016.01)
A23L 33/125 (2016.01)
A23L 33/21 (2016.01)
A23P 10/40 (2016.01)
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A47J 31/22 (2006.01)
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A23C 1/12 (2006.01)
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 (51) Int. Cl.
A23C 1/16 (2006.01)
A23L 2/10 (2006.01)
A23L 2/84 (2006.01)
A23L 5/20 (2016.01)
A23L 11/00 (2021.01)
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A23K 20/158 (2016.01)
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B01J 23/72 (2006.01)
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E21B 7/04 (2006.01)
E02F 5/10 (2006.01)
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E21B 7/26 (2006.01)
F16L 1/026 (2006.01)
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A61K 9/00 (2006.01)
A61P 23/02 (2006.01)
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B64G 1/40 (2006.01)
B64G 1/62 (2006.01)
F02K 9/00 (2006.01)
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 (74) A.P.T. Patent and Trade Mark Attorneys
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C04B 2/12 (2006.01)

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F27B 1/00 (2006.01)
F27B 1/02 (2006.01)
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C07K 1/107 (2006.01)
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A01D 34/68 (2006.01)
F16D 41/067 (2006.01)
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A61K 31/422 (2006.01)
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A61K 31/519 (2006.01)
A61P 9/04 (2006.01)
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H04N 19/00 (2014.01)
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(51) Int. Cl.
H04N 19/55 (2014.01)
H04N 19/513 (2014.01)
H04N 19/577 (2014.01)
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H04N 19/30 (2014.01)
H04N 19/513 (2014.01)
H04N 19/573 (2014.01)
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(31) 63/328,508 **(32)** 07.04.22 **(33)** US
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G21G 1/00 (2006.01)
C22B 60/02 (2006.01)
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(31) 63/187,728 **(32)** 12.05.21 **(33)** US
(43) 17.11.2022
(72) CZERWINSKI, Ken; FITZGERALD, Hilary
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** TEVARD BIOSCIENCES, INC.
(11) AU-A-2022269633
(21) 2022269633 **(22)** 05.05.2022
(54) METHODS AND COMPOSITIONS FOR TREATING A PREMATURE TERMINATION CODON-MEDIATED DISORDER
(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 15/09 (2006.01)
C12N 15/67 (2006.01)
(87) WO2022/235861
(31) 63/184,514 **(32)** 05.05.21 **(33)** US
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(72) EIMON, Peter M.; MCFARLAND, Sean
(74) RNB IP PTY LTD
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(51) Int. Cl.
C12N 15/88 (2006.01)
A61K 47/14 (2017.01)
A61K 47/18 (2017.01)
A61K 47/24 (2006.01)
A61K 47/28 (2006.01)
A61K 48/00 (2006.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
C12N 15/90 (2006.01)
(87) WO2022/226344
(31) 63/178,453 **(32)** 22.04.21 **(33)** US
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(72) SIEGWART, Daniel, J.; FARBIAK, Lukas
(74) Davies Collison Cave Pty Ltd
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(21) 2022271191 **(22)** 02.05.2022
(54) LACTOYL AMINO ACIDS FOR THE TREATMENT OF METABOLIC DISEASE
(51) Int. Cl.
A61P 7/12 (2006.01)
A61P 1/00 (2006.01)
A61P 3/00 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
(87) WO2022/235557
(31) 63/183,868 **(32)** 04.05.21 **(33)** US
(43) 10.11.2022
(72) LONG, Jonathan; LI, Veronica; BANIK, Steven; XU, Yong; HE, Yang
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(21) 2022271320 **(22)** 15.04.2022
(54) METHODS AND SYSTEMS FOR ANALYZING NUCLEIC ACID MOLECULES
(51) Int. Cl.
C12Q 1/6886 (2018.01)
C12Q 1/6827 (2018.01)
C12Q 1/6874 (2018.01)
C12Q 1/6883 (2018.01)
G16B 20/20 (2019.01)
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A61P 25/14 (2006.01)
C12N 15/113 (2010.01)
C12N 15/86 (2006.01)
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(72) VANDERVER, Adeline; SASE, Sunetra; ALMAD, Akshata
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C12N 15/86 (2006.01)
A61P 27/16 (2006.01)
C12N 15/63 (2006.01)
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(72) DAVIDSON, Beverly; RANUM, Paul
(74) Davies Collison Cave Pty Ltd
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(54) COMPOSITIONS AND METHODS FOR TARGETING INFLAMMATORY OR ACTIVATED CELLS AND TREATING OR AMELIORATING INFLAMMATORY CONDITIONS AND PAIN
(51) Int. Cl.
A61P 25/00 (2006.01)
C07K 14/47 (2006.01)
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(31) 63/162,714 **(32)** 18.03.21 **(33)** US
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(72) MILLER, Yury; CHOI, Soo-Ho
(74) FPA Patent Attorneys Pty Ltd
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(21) 2022266640 **(22)** 25.04.2022
(54) DRUG IMPLANTS CONTAINING ENZALUTAMIDE AND METHODS OF USE THEREOF
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A61K 31/00 (2006.01)
A61K 9/00 (2006.01)
A61P 35/00 (2006.01)
C07D 233/86 (2006.01)
(87) WO2022/232045
(31) 63/179,915 **(32)** 26.04.21 **(33)** US
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(74) FPA Patent Attorneys Pty Ltd
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(21) 2022270077 **(22)** 03.05.2022
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(51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/06 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
(87) WO2022/235638
(31) 63/183,833 **(32)** 04.05.21 **(33)** US
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A61K 49/10 (2006.01)
C07D 255/02 (2006.01)
C07F 15/02 (2006.01)
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(54) SOLVENT FOR INSECT REPELLENT ACTIVE INGREDIENT AND INSECT REPELLENT SYSTEM USING SAME
(51) Int. Cl.
A01M 1/20 (2006.01)
A61L 9/00 (2006.01)
A61L 9/013 (2006.01)
A61L 9/015 (2006.01)
A61L 9/02 (2006.01)
A61L 9/03 (2006.01)
A61L 9/12 (2006.01)
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H04R 3/00 (2006.01)
H04R 1/40 (2006.01)
H04R 5/04 (2006.01)
H04R 3/12 (2006.01)
H04R 5/027 (2006.01)
H04R 25/00 (2006.01)
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(72) SINGLETON, Gregory; GLASSON, Phillip Henry
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G01R 29/08 (2006.01)
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 (54) NOVEL COMPOSITIONS WITH BRAIN-SPECIFIC TARGETING MOTIFS AND COMPOSITIONS CONTAINING SAME
 (51) Int. Cl.
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
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 (31) 63/178,881 (32) 23.04.21 (33) US
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 (54) COMPOSITIONS AND METHODS FOR IN VIVO NUCLEASE-MEDIATED GENE TARGETING FOR THE TREATMENT OF GENETIC DISORDERS
 (51) Int. Cl.
C12N 15/86 (2006.01)
 (87) WO2022/232232
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A61K 38/18 (2006.01)
C07K 14/505 (2006.01)
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 (51) Int. Cl.
A61M 11/04 (2006.01)
A61K 9/12 (2006.01)
A61M 15/00 (2006.01)
A61M 15/08 (2006.01)
 (87) WO2022/221530
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C07K 14/705 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/30 (2006.01)
 (87) WO2022/232148
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- (71) THISTLE ROCKETRY LTD
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 (54) A PUMPING APPARATUS
 (51) Int. Cl.
F02K 9/46 (2006.01)
F02K 9/50 (2006.01)
F02K 9/58 (2006.01)
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- (71) TORAY INDUSTRIES, INC.
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 (54) METHOD FOR TREATING FELINE WITH CHRONIC KIDNEY DISEASE
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A61K 31/343 (2006.01)
A61K 9/42 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
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- A61K 47/26** (2006.01)
A61K 47/36 (2006.01)
A61K 47/38 (2006.01)
A61K 47/44 (2017.01)
A61P 13/12 (2006.01)
A61P 33/00 (2006.01)
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A61P 29/00 (2006.01)
A61K 31/7072 (2006.01)
A61P 31/18 (2006.01)
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 (54) SAP FLOW SENSOR AND METHOD OF DETERMINING SAP FLOW VELOCITY
 (51) Int. Cl.
G01F 1/684 (2006.01)
G01F 1/688 (2006.01)
G01F 1/692 (2006.01)
 (87) WO2022/234564
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 (72) AHIMAN, Ori
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B60H 1/00 (2006.01)
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 (31) 10 2021 002 510.5 (32) 12.05.21 (33) DE
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C07K 16/28 (2006.01)
A61P 25/28 (2006.01)
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(51) Int. Cl.
C12N 1/20 (2006.01)
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(74) Griffith Hack
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(21) 2022260834 (22) 10.04.2022
(54) SYSTEM AND METHOD FOR GUIDING POSITIONING AND ORIENTING OF AN ULTRASOUND PROBE
(51) Int. Cl.
A61B 8/00 (2006.01)
A61B 8/08 (2006.01)
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(54) SYSTEM AND METHOD FOR LOCATING AND MANAGING PATIENT SUPPORT APPARATUS IN A HEALTH-CARE FACILITY
(51) Int. Cl.
G01S 5/00 (2006.01)
A61B 90/98 (2016.01)
A61G 7/05 (2006.01)
A61G 12/00 (2006.01)
G01S 11/00 (2006.01)
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(54) PYRIDO[3,2-D]PYRIMIDINE COMPOUNDS USES THEREOF FOR TREATING A PROLIFERATIVE DISEASE
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 519/00 (2006.01)
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(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
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(31) 63/201,222 (32) 19.04.21 (33) US
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(51) Int. Cl.
C12N 15/113 (2010.01)
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(72) SUSOROV, Denis; KOROSTELEV, Andrei; ZAHRA, Seraj
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2022271195
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(54) T CELL RECEPTORS (TCRS) TARGETING MINOR HISTOCOMPATIBILITY ANTIGEN HA-1
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C07K 14/705 (2006.01)
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(54) ELECTROPHYSIOLOGICAL MODIFICATION TO SUPPRESS ARRHYTHMIAS
(51) Int. Cl.
A61K 35/34 (2015.01)
A61K 35/545 (2015.01)
A61P 9/00 (2006.01)
A61P 9/06 (2006.01)
C12N 5/07 (2010.01)
(87) WO2022/235610
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(74) James & Wells Intellectual Property
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- (71) UOP LLC
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(54) PLASTICS PYROLYSIS PROCESS WITH QUENCH
(51) Int. Cl.
C10G 1/10 (2006.01)
C10G 1/08 (2006.01)
C10G 11/00 (2006.01)
(87) WO2022/232801
(31) 63/180,427 (32) 27.04.21 (33) US
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(72) GRAY, David; NAUERT, Scott; SHI, Yili
(74) Patent Attorney Services
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(54) METHOD OF IMPROVING PLANT GROWTH
(51) Int. Cl.
A01N 43/40 (2006.01)
A01P 7/04 (2006.01)
(87) WO2021/161201
(31) 202021006144 (32) 12.02.20 (33) IN
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(72) NARAYANASAMY, Rajapandian Ramanathan; NAGANUR, Sunil; ANNADURAI, Prabhu
(74) Churchill Attorneys
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C12N 5/077 (2010.01)
A23L 13/00 (2016.01)
C12N 5/071 (2010.01)

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C02F 1/28 (2023.01)
B01D 21/24 (2006.01)
C02F 1/00 (2023.01)
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 (74) FPA Patent Attorneys Pty Ltd
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B03D 1/02 (2006.01)
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B06B 1/00 (2006.01)
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C09D 175/02 (2006.01)
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A61K 38/30 (2006.01)
A61K 47/66 (2017.01)
A61P 13/10 (2006.01)
C07K 14/65 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) SUPPLYING LIQUID TO AT LEAST ONE WHEEL OF A SUCTION HEAD
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A47L 5/30 (2006.01)
A47L 9/04 (2006.01)
A47L 11/292 (2006.01)
A47L 11/40 (2006.01)
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A47L 5/30 (2006.01)
A47L 11/30 (2006.01)
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H04B 7/185 (2006.01)
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H04B 7/185 (2006.01)
H04B 7/204 (2006.01)
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C07K 16/10 (2006.01)

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

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 A23B 4/03 (2006.01)
 A23L 3/40 (2006.01)
 B28B 13/06 (2006.01)
 D21F 5/00 (2006.01)
 F26B 3/28 (2006.01)
 F26B 21/08 (2006.01)
 G05D 22/00 (2006.01)
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 C09K 9/02 (2006.01)
 G02F 1/01 (2006.01)
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 A22B 3/00 (2006.01)
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 C02F 1/44 (2023.01)
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 G06Q 20/20 (2012.01)
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 A43B 9/18 (2006.01)
 B29C 45/14 (2006.01)
 B29D 35/00 (2010.01)
 B29D 35/06 (2010.01)
 B29D 35/10 (2010.01)
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 E21B 23/06 (2006.01)
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 E02D 5/80 (2006.01)
 A01G 13/02 (2006.01)
 A01G 17/14 (2006.01)
 A45F 3/44 (2006.01)
 E02D 5/74 (2006.01)
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 B60L 53/302 (2019.01)
 B60L 53/12 (2019.01)
 B60M 7/00 (2006.01)
 H02J 50/12 (2016.01)
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 B60K 17/28 (2006.01)
 B60K 25/02 (2006.01)
 B60R 9/06 (2006.01)
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 A61J 1/03 (2023.01)
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 (72) FOX, Harry; AZOULAY, David; SAPO- CLEANER
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 (54) METHOD FOR REMOVAL OF NOXIOUS TASTE OR ODOR COMPOUNDS FROM AQUACULTURE SYSTEM BY BIOACTIVE HYDROPHOBIC CARRIERS (43) 15.12.2022
 (72) FAVIE, Louis; DUFFAUT, Simon; DELOCHE, Remi
 (74) FB Rice Pty Ltd
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- (71) ZODIAC POOL CARE EUROPE
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 (54) CRACK MITIGATION SYSTEMS AND TECHNIQUES FOR WATER-CONTAINING HOUSINGS SUBJECT TO FREEZING TEMPERATURES
 (51) Int. Cl.
F28D 7/02 (2006.01)
E04H 4/00 (2006.01)
E04H 4/12 (2006.01)
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- (71) ZAZZLE INC.
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 (54) MOMENT-BASED GIFTS AND DESIGNS GENERATED USING A DIGITAL PRODUCT COLLABORATION PLATFORM
 (51) Int. Cl.
G06Q 30/06 (2023.01)
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 (72) BEAVER, Robert I., III; BEAVER, Jeffrey J.; HARVILL, Leslie Young; NARVASA, Sean; CHU, Lonny
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- (71) ZODIAC POOL CARE EUROPE
 (11) AU-A-2022287318
 (21) 2022287318 (22) 02.06.2022
 (54) ELECTRICAL CONNECTORS CONFIGURED FOR POSITIONING ON, AT, IN, OR NEAR BODIES OF AUTOMATIC SWIMMING POOL CLEANERS
 (51) Int. Cl.
E04H 4/16 (2006.01)
H01R 24/00 (2011.01)
H02G 9/00 (2006.01)
H02G 15/00 (2006.01)
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 (72) DELOCHE, Remi; FAVIE, Louis
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Numerical Index

2021220702	UPL LIMITED	2022240879	VERSUNI HOLDING B.V.
2021437095	KIMBERLY-CLARK WORLDWIDE, INC.	2022240881	KONINKLIJKE PHILIPS N.V.
2021438112	KIMBERLY-CLARK WORLDWIDE, INC.	2022240904	VERSUNI HOLDING B.V.
2021439429	HAINING PLUS ELECTRONIC TECHNOLOGY CO., LTD.	2022240967	JANSSEN SCIENCES IRELAND UNLIMITED COMPANY
2021440192	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	2022241653	THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK; FERRIC CONTRAST INC.
2021440528	KONE CORPORATION	2022241882	NEW GENERATION DEVICES, INC.
2021441472	CHAMPIONX USA INC.	2022242032	WELLTEC A/S
2021441826	CAPTANA GMBH	2022242055	GRIFOLS WORLDWIDE OPERATIONS LIMITED; EUROPEAN FOUNDATION FOR THE STUDY OF CHRONIC LIVER FAILURE (EF-CLIF)
2021441952	CATALYST BIOSCIENCES, INC.	2022242101	ALCON INC.
2021442345	CARGILL, INCORPORATED	2022242421	PEPTIAID INC; JAPAN AS REPRESENTED BY THE DIRECTOR-GENERAL OF NATIONAL INSTITUTE OF INFECTIOUS DISEASES
2021442372	KONE CORPORATION	2022242754	LIFEEDIT THERAPEUTICS, INC.
2021442539	JIEMPRUEKWATTANA, P.	2022242830	CONTRAFECT CORPORATION
2021442916	OPTIFLUX TECH INNOVATIONS PRIVATE LIMITED	2022242956	KERECIS HF
2021443312	CERAMIC DATA SOLUTIONS GMBH	2022242958	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.
2021443324	SPIDERFLOW ROHR- & KABELPFLUG GMBH	2022243078	GEOGEN TECHNOLOGIES INC.
2021443409	ENATEL	2022243540	RAMOT AT TEL-AVIV UNIVERSITY LTD.
2021443414	BONG, H.H.; BONG, H.U.; BONG, D.A.	2022243548	OMISAN FARMACEUTICI S.R.L.
2021443990	NEWSOUTH INNOVATIONS PTY LIMITED; MACQUARIE UNIVERSITY	2022243768	DAIKIN INDUSTRIES, LTD.
2021444032	HOELLER ELECTROLYZER GMBH	2022243921	MONASH UNIVERSITY
2021444627	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.	2022244027	BASF SE
2021444984	BARD PERIPHERAL VASCULAR, INC	2022244101	SCHREDER S.A.
2021445060	TECHTRONIC CORDLESS GP	2022244149	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2021445306	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2022244224	GEN1E LIFESCIENCES INC.
2021446673	CAPTANA GMBH	2022244593	HATCH LTD.
2021447431	VECTOR MAGNETICS LLC	2022244995	TECHNISCHE UNIVERSITEIT DELFT
2021447669	SEKISUI HOUSE, LTD.	2022244997	AUT VENTURES LIMITED
2021449229	SEKISUI HOUSE, LTD.	2022245005	AAK AB (publ)
2021451070	HENAN YUEXIN INTELLIGENT MACHINERY CO., LTD	2022245228	PURPLE INNOVATION, LLC
2021457835	HALLIBURTON ENERGY SERVICES, INC.	2022245277	ASTRAZENECA AB
2021460024	HALLIBURTON ENERGY SERVICES, INC.	2022245804	EYESENSE GMBH
2021460278	HALLIBURTON ENERGY SERVICES, INC.	2022245820	AUT VENTURES LIMITED
2022207599	EMMEMME S.R.L.S.	2022245827	AAK AB (publ)
2022235948	GENFLEET THERAPEUTICS (SHANGHAI) INC.; ZHEJIANG GENFLEET THERAPEUTICS CO., LTD.	2022245948	ACLARIS WATER INNOVATIONS GMBH , LINDAU , ZWEIGNIEDERLASSUNG REBSTEIN
2022236110	DAIKIN INDUSTRIES, LTD.	2022245996	EMENDOBIO INC.
2022236195	EVONIK OPERATIONS GMBH	2022246007	MCCORMICK & COMPANY, INC.
2022236309	VERSUNI HOLDING B.V.	2022246087	MEINKE, R.
2022236404	JANSSEN SCIENCES IRELAND UNLIMITED COMPANY	2022246102	QUIGLEY, W.E.; SLIWKA, L.J.; YANTIS, J.; SELDON, J.; CELLA, C.; EL-TAHRY, T.; BLIVEN, B.
2022236428	ACTELION PHARMACEUTICALS LTD	2022246207	ALCON INC.
2022236557	ERYPHARM	2022246283	RAMOT AT TEL-AVIV UNIVERSITY LTD.
2022236605	ORION CORPORATION	2022246667	ASP HEALTH INC.; NORTHWESTERN UNIVERSITY; PLANET INNOVATION
2022236779	PORTFOLIO4 PTY LTD	2022246678	RESNENT, LLC
2022236848	JOHNSON & JOHNSON CONSUMER INC.	2022246832	KIMBERLY-CLARK WORLDWIDE, INC.
2022236886	JOHNSON & JOHNSON CONSUMER INC.	2022246842	MERUS N.V.; INCYTE CORPORATION
2022237154	HK INNO.N CORPORATION	2022247331	AUSTIN ENGINEERING LIMITED
2022237405	TRANSPOSON THERAPEUTICS, INC.	2022247377	THISTLE ROCKETRY LTD
2022237713	VERSUNI HOLDING B.V.	2022247402	SCOTTO, S.
2022237769	JANSSEN SCIENCES IRELAND UNLIMITED COMPANY	2022247435	ALCON INC.
2022238058	RESPECT LABS LLP	2022247492	UMANO MEDICAL INC.
2022238450	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2022247620	DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.
2022238451	247SOLAR INC.	2022248724	ACTIVE BIOTECH AB
2022239007	HIKOTRON LIMITED	2022248847	OCADO INNOVATION LIMITED
2022239128	HK INNO.N CORPORATION	2022248913	MERUS N.V.; INCYTE CORPORATION
2022239717	MAZE THERAPEUTICS, INC.	2022249065	ACLIPSE TWO INC.
2022239813	DEPUY IRELAND UNLIMITED COMPANY	2022249151	PX ING, LLC
2022239873	ORION CORPORATION	2022249311	DEXCOM, INC.
2022240331	SAMSUNG ELECTRONICS CO., LTD.		
2022240688	MEDSHINE DISCOVERY INC.		

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

2022249389	DEXCOM, INC.	2022258788	ORION CORPORATION
2022249955	ALCON INC.	2022258842	BREEZE-EASTERN LLC
2022249956	ALCON INC.	2022258879	ADD ADVANCED DRUG DELIVERY TECHNOLOGIES LTD.
2022249968	RAO, B.P.; BOGGARAPU, S.	2022258969	GILEAD SCIENCES, INC.
2022250086	SEDIMENT RESEARCH & MINERALS LTD.	2022259081	ELLERBRAKE, C.
2022250095	FEDORA PHARMACEUTICALS INC.	2022259225	QINGDAO HANBO PLASTIC TECHNOLOGY CO., LTD.
2022252297	NORTHWESTERN UNIVERSITY	2022259339	STIESDAL OFFSHORE A/S
2022252406	STEEL THERAPEUTICS, INC.	2022259358	COMROD AS
2022253455	MIRATI THERAPEUTICS, INC.	2022259360	PROTEON PHARMACEUTICALS S.A.
2022253543	MAGNETS FOR EMULSIONS N.V.	2022259371	AWAK TECHNOLOGIES PTE LTD
2022253587	SICA S.P.A.	2022259406	INTEGRATED DYNAMIC ELECTRON SOLUTIONS, INC.
2022253819	VIASAT, INC.	2022259424	VIASAT, INC.
2022253902	PROFOUNDBIO US CO.	2022259486	S & B TECHNICAL PRODUCTS, INC.
2022254047	SHINING BUDDHA CORP.	2022259605	BIOGEN MA INC.
2022254142	CARBONET NANOTECHNOLOGIES INC.	2022259614	CUBIC CORPORATION
2022254185	SWISCA AG	2022259874	UNIVERSITE DE MONTREAL
2022254325	SICA S.P.A.	2022260298	SHANGHAI HENLIUS BIOTECH, INC.
2022254564	NIPPON STEEL CORPORATION	2022260387	INVENTIO AG
2022254651	MIRATI THERAPEUTICS, INC.	2022260466	BIONTECH SE
2022254696	THERMACELL REPELLENTS, INC.	2022260487	GILEAD SCIENCES, INC.
2022255028	NOKIA TECHNOLOGIES OY	2022260505	CAPITAL ONE SERVICES, LLC
2022255033	NEXAM CHEMICAL AB	2022260547	ARTHA AG
2022255046	VALERIO, T.A.	2022260554	INSUSENSE APS
2022255359	PLANTICS HOLDING B.V.	2022260625	DESCHAUMES
2022255860	WITRICITY CORPORATION	2022260800	CERDAK (PTY) LIMITED
2022256039	UNIVERSITY OF MASSACHUSETTS	2022260831	TANG, H.C.
2022256074	NIMBUS CLIO, INC.	2022260834	ULTRASIGHT LTD
2022256234	LENDLEASE DIGITAL IP PTY LIMITED	2022260842	BIOND BIOLOGICS LTD.
2022256302	KELLOGG BROWN & ROOT LLC	2022260858	AGRICULTURE VICTORIA SERVICES PTY LTD
2022256361	WAYVE, INC.	2022260863	UNIVERSITE DE MONTREAL
2022256363	AMGEN INC.	2022261052	CAPITAL ONE SERVICES, LLC
2022256446	BWXT ISOTOPE TECHNOLOGY GROUP, INC.	2022261088	IMPOSSIBLE FOODS INC.
2022256460	NIAGARA BOTTLING, LLC	2022261132	SAFEAI, INC.
2022256463	CIRCINUS MEDICAL TECHNOLOGY LLC	2022261143	PELTON INTERACTIVE, INC.
2022256468	NUVO RESIDENTIAL, LLC DBA NUVOH2O	2022261310	MEMBION GMBH
2022256471	CUBIC CORPORATION	2022261477	3M INNOVATIVE PROPERTIES COMPANY
2022256475	HOLLISTER INCORPORATED	2022261529	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2022256478	ACCUMED RADIAL SYSTEMS, LLC	2022261696	WATERISE AS
2022256495	NUTCRACKER THERAPEUTICS, INC.	2022261738	BAY MATERIALS, LLC
2022256511	BROWN UNIVERSITY	2022261742	NEUROTRAUMA SCIENCES LLC
2022256513	BEAM THERAPEUTICS INC.	2022261747	MARS, INCORPORATED
2022256540	LANTERN PHARMA INC.	2022261791	WAGSTAFF FOOD SERVICES PTY LTD
2022256725	ACONDICIONAMIENTO TARRASENSE	2022261838	GOOGLE LLC
2022256726	VISCOFAN TECHNOLOGY (SUZHOU) CO., LTD.	2022261879	LANDIS+GYR TECHNOLOGY , INC.
2022256759	ATELIER DOMINIQUE IMBERT	2022261972	ONESUBSEA IP UK LIMITED
2022257006	APNIMED, INC. (DELAWARE)	2022261974	ALTAVANT SCIENCES GMBH; LEWIS, K.B.J.; KAD-RICHU, N.P.; LEE, E.S.
2022257093	CELGENE CORPORATION	2022262046	NANJING LEGEND BIOTECH CO., LTD.
2022257101	THE CHILDREN'S HOSPITAL OF PHILADELPHIA	2022262146	BINAR HANDLING AB
2022257927	EMVISION MEDICAL DEVICES LTD	2022262176	VERSAMEB AG
2022257951	SPECTRUM BLUE AS	2022262220	JAMES HARDIE TECHNOLOGY LIMITED
2022258097	PRESIDENT AND FELLOWS OF HARVARD COLLEGE; THE CHILDREN'S MEDICAL CENTER CORPORATION	2022262269	GAZTRANSPORT ET TECHNIGAZ
2022258183	CAREFUSION 303, INC.	2022262422	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
2022258342	DOMPÉ FARMACEUTICI S.P.A.; TUFTS MEDICAL CENTER, INC.	2022262456	BRIDGESTONE CORPORATION
2022258438	LION GROUP, INC.	2022262507	NORTH ATLANTIC IMPORTS, LLC
2022258476	LINEAGE LOGISTICS, LLC	2022262511	CLAWSON, J.J.; PRIORITY DISPATCH CORPORATION
2022258537	BERKER GMBH & CO. KG	2022262542	ASTELLAS PHARMA INC.; NATIONAL CANCER CENTER
2022258553	GRIFOLS WORLDWIDE OPERATIONS LIMITED	2022262593	BIOGEN MA INC.
2022258555	LINEAGE LOGISTICS, LLC	2022262626	FLUOR TECHNOLOGIES CORPORATION
2022258567	ACEPODIA BIOTECHNOLOGIES LTD.	2022262655	TENAYA THERAPEUTICS, INC.
2022258570	THE UNITED STATES GOVERNMENT as represented by THE DEPARTMENT OF VETERANS AFFAIRS	2022262686	PRIORITY DISPATCH CORPORATION; CLAWSON, J.J.
2022258576	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL; RESEARCH TRIANGLE INSTITUTE	2022262771	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2022258578	INVAIO SCIENCES, INC.	2022262794	GANNA BIO, INC.; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY; THE
2022258754	FUNDACIÓ HOSPITAL UNIVERSITARI VALL D'HEBRON - INSTITUT DE RECERCA; FUNDACIÓ INSTITUT CATALÀ DE NANOCIÈNCIA I NANOTECNOLOGIA (ICN2); INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS		

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

2022262832	CHILDREN'S MEDICAL CENTER CORPORATION; BETH ISRAEL DEACONESS MEDICAL CENTER, INC.	2022266767	ANAMETRIC, INC.
2022262847	ALAUDA AERONAUTICS PTY LTD	2022266774	4D MOLECULAR THERAPEUTICS INC.
2022263067	BREVILLE USA, INC.	2022266989	FUNDACIÓ INSTITUT DE BIOENGINYERIA DE CATALUNYA; INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS
2022263126	SHENZHEN CHIPSCREEN BIOSCIENCES CO., LTD.	2022267009	EARGYM LTD
2022263242	SHANGHAI HENLIUS BIOTECH, INC.	2022267223	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI CORNELL UNIVERSITY; TRI-INSTITUTIONAL THERAPEUTICS DISCOVERY INSTITUTE, INC.
2022263361	GUARDTOP, LLC	2022267249	CSL BEHRING L.L.C.; SEATTLE CHILDREN'S HOS- PITAL (dba SEATTLE CHILDREN'S RESEARCH IN- STITUTE); THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
2022263380	SMARTCLOUDFARMING GMBH; BANDECCHI, M.; ANTONIC, N.; PAVLOVIC, M.; BOSAKOV, G.; CULIB- RK, D.	2022267266	SAGE THERAPEUTICS, INC.
2022263634	NEDERLANDSE ORGANISATIE VOOR TOEGE- PAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO	2022267304	HUAWEI TECHNOLOGIES CO., LTD.
2022263728	ECOCEM MATERIALS LIMITED; ECOLE NORMALE SUPERIEURE PARIS-SACLAY; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS -; IN- STITUT NATIONAL DES SCIENCES APPLIQUÉES DE TOULOUSE; UNIVERSITE PAUL SABATIER TOULOUSE III	2022267599	DYNELECTRO APS
2022263786	FISHER & PAYKEL HEALTHCARE LIMITED	2022267788	THE SECRETARY OF STATE FOR DEFENCE
2022263988	HITACHI HIGH-TECH CORPORATION	2022267857	GEISTLICH PHARMA AG
2022263988	SALVUS, LLC	2022267897	UCB BIOPHARMA SRL
2022263996	AARDVARK THERAPEUTICS, INC.	2022268545	CAPTANA GMBH
2022264006	THE CHILDREN'S HOSPITAL OF PHILADELPHIA	2022268621	DEAD SEA BROMINE COMPANY LTD.
2022264038	MARS, INCORPORATED	2022268745	GLANCE NETWORKS, INC.
2022264289	KOWA COMPANY, LTD.	2022268966	BAXTER INTERNATIONAL INC.; BAXTER HEALTH- CARE SA
2022264302	ALTERYX, INC.	2022269055	BAXTER INTERNATIONAL INC.; BAXTER HEALTH- CARE SA
2022264307	PARATA SYSTEMS, LLC	2022269056	BAXTER INTERNATIONAL INC.; BAXTER HEALTH- CARE SA
2022264434	ABBOTT LABORATORIES	2022269099	BOSTON SCIENTIFIC SCIMED, INC.
2022264454	WAYNE FUELING SYSTEMS LLC	2022269255	SYNGENTA CROP PROTECTION AG
2022264461	WORKHORSE ATV, LLC	2022269365	ASP GLOBAL MANUFACTURING GMBH
2022264491	CONOCOPHILLIPS COMPANY	2022269507	CAPITAL ONE SERVICES, LLC.
2022264493	THINK THERAPEUTICS, INC.	2022269564	DANA-FARBER CANCER INSTITUTE, INC.
2022264516	INTEGRITY BIO-CHEMICALS, LLC	2022269566	PETRA PHARMA CORPORATION
2022264584	NEOMORPH, INC.; DANA-FARBER CANCER INSTI- TUTE, INC.	2022269573	UNIVERSITY OF WASHINGTON
2022264601	CONOCOPHILLIPS COMPANY	2022269590	C.R. BARD, INC.
2022264762	ELI LILLY AND COMPANY	2022269633	TEVARD BIOSCIENCES, INC.
2022264769	GOOGLE LLC	2022269643	FUJIFILM CELLULAR DYNAMICS, INC.; FUJIFILM HOLDINGS AMERICA CORPORATION
2022264783	UPSIDE FOODS, INC.	2022269659	ELI LILLY AND COMPANY
2022264845	SPECIALITES PET FOOD	2022269675	PILGRIM, G.F.W.
2022264917	AERIE PHARMACEUTICALS, INC.	2022269804	ILLUMINA CAMBRIDGE LIMITED
2022264918	MARS, INCORPORATED	2022269851	MARINE POWER SYSTEMS LIMITED
2022264939	UOP LLC	2022269992	LG CHEM, LTD.
2022264972	XTEND AI INC.	2022269993	LG CHEM, LTD.
2022265246	EDITFORCE, INC.	2022270070	BOSE CORPORATION
2022265383	HIVE STREAMING AB	2022270072	INCYTE CORPORATION
2022265692	MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH	2022270077	THE REGENTS OF THE UNIVERSITY OF CALIFOR- NIA
2022265718	NOVARTIS AG; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2022270117	ASTELLAS INSTITUTE FOR REGENERATIVE MEDI- CINE
2022266070	GOWAN CROP PROTECTION LIMITED	2022270124	AMGEN INC.
2022266146	CHAPPELL, R.	2022270279	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022266175	FISHER & PAYKEL HEALTHCARE LIMITED	2022270661	AGRU/AMERICA, INC.
2022266190	METSO FINLAND OY	2022270698	BAXTER INTERNATIONAL INC.; BAXTER HEALTH- CARE SA
2022266247	NOVAEM BBTRADE	2022270747	BOSTON SCIENTIFIC SCIMED, INC.
2022266288	HITACHI HIGH-TECH CORPORATION	2022270915	KONINKLIJKE DOUWE EGBERTS B.V.
2022266349	INPEX CORPORATION; JAPAN TECHNOLOGICAL RESEARCH ASSOCIATION OF ARTIFICIAL PHO- TOSYNTHETIC CHEMICAL PROCESS; THE UNI- VERSITY OF TOKYO	2022270938	LEON-NANODRUGS GMBH
2022266481	ELECTRONICS AND TELECOMMUNICATIONS RE- SEARCH INSTITUTE	2022271019	TREETOSCOPE LTD
2022266593	WESTERN GREEN, LLC	2022271119	LG CHEM, LTD.
2022266599	ELI LILLY AND COMPANY; FUJIMORI KOGYO CO., LTD.	2022271191	THE BOARD OF TRUSTEES OF THE LELAND STAN- FORD JUNIOR UNIVERSITY; BAYLOR COLLEGE OF MEDICINE
2022266610	GLAXOSMITHKLINE CONSUMER HEALTHCARE HOLDINGS (US) LLC	2022271195	UNIVERSITY OF PITTSBURGH - OF THE COMMON- WEALTH SYSTEM OF HIGHER EDUCATION; BLUE- SPHERE BIO, INC.
2022266640	THE REGENTS OF THE UNIVERSITY OF CALIFOR- NIA; ALESSA THERAPEUTICS, INC.	2022271223	CARMOT THERAPEUTICS, INC.; GARAI, S.
2022266662	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2022271289	BAXTER INTERNATIONAL INC.; BAXTER HEALTH- CARE SA
2022266680	SAGE THERAPEUTICS, INC.	2022271320	THE BOARD OF TRUSTEES OF THE LELAND STAN- FORD JUNIOR UNIVERSITY
		2022271644	POWERX, INC.

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

2022272181	FOGHORN THERAPEUTICS INC.	2022291259	JOHNSON MATTHEY HYDROGEN TECHNOLOGIES LIMITED
2022272406	UCB BIOPHARMA SRL	2022291265	ZODIAC POOL CARE EUROPE
2022272420	VIB VZW; UNIVERSITEIT GENT; EXEVIR BIO BV	2022292383	AURORA VACCINES, INC.
2022272740	CLARIS BIOTHERAPEUTICS, INC.	2022292815	ELECTROLUX APPLIANCES AKTIEBOLAG
2022272835	FOUNDATION FOR BIOMEDICAL RESEARCH AND INNOVATION AT KOBE; NATIONAL INSTITUTES OF BIOMEDICAL INNOVATION, HEALTH AND NUTRITION; MEIJI SEIKA PHARMA CO., LTD.	2022293427	HUAWEI TECHNOLOGIES CO., LTD.
2022272870	NEURIM PHARMACEUTICALS (1991) LTD.	2022294437	NEC PLATFORMS, LTD.
2022273303	GENENTECH, INC.	2022294552	TORAY INDUSTRIES, INC.
2022273631	GILEAD SCIENCES, INC.	2022300325	HOFFMANN-LA ROCHE INC.
2022273702	GILEAD SCIENCES, INC.	2022303514	QUALCOMM INCORPORATED
2022273722	NEXEOS DIAGNOSTICS, INC.	2022305260	HYALEX ORTHOPAEDICS, INC.
2022273745	TRUMA GERÄTETECHNIK GMBH & CO. KG	2022307875	SHIH, C.
2022274094	NIPPON SODA CO., LTD.	2022309103	CASALE SA
2022274151	TECFORLIME	2022316482	NAYAX LTD.
2022274223	FRITO-LAY NORTH AMERICA, INC.	2022328776	BOSTON SCIENTIFIC SCIMED, INC.
2022274251	THE SECRETARY OF STATE FOR DEFENCE	2022340028	mitsubishi heavy industries, LTD.
2022274531	BECTON, DICKINSON AND COMPANY	2022348883	CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU LIREN MONORAIL TRANSPORTATION EQUIPMENT CO., LTD.
2022274819	TERRAPOWER, LLC	2022349393	CRRC YANGTZE CO., LTD.
2022275001	TECFORLIME	2022358639	LINGONG HEAVY MACHINERY CO., LTD
2022275689	HUMMER, M.	2022380663	CCTEG TAIYUAN RESEARCH INSTITUTE; SHANXI TIANDI COAL MINING MACHINERY CO., LTD.
2022275838	EVOQUA WATER TECHNOLOGIES LLC	2022383218	CCTEG TAIYUAN RESEARCH INSTITUTE; SHANXI TIANDI COAL MINING MACHINERY CO., LTD.
2022275873	OCUPHIRE PHARMA, INC.	2022434052	TENCENT AMERICA LLC
2022275931	ELI LILLY AND COMPANY	2022439205	NEODYMOTORS GMBH
2022276144	MMD GROUP LIMITED	2022442102	Tencent America LLC
2022276420	CROWN EQUIPMENT CORPORATION	2022448086	NEXTGEN BIOSCIENCE CO., LTD.
2022276596	HITACHI, LTD.	2022451660	HAINING YULI SOCKS CO., LTD.
2022276926	VALE S.A.; UNIVERSIDADE DE SÃO PAULO - USP	2022451712	TENCENT AMERICA LLC
2022277400	BAYER AKTIENGESELLSCHAFT	2023202860	GREYROCK TECHNOLOGY, LLC
2022277552	BOSTON SCIENTIFIC SCIMED, INC.	2023219983	ASSURE TECH. (HANGZHOU) CO., LTD.
2022277556	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2023239927	LG CHEM, LTD.
2022278293	KOMATSU LTD.		
2022278686	MARGHALANI, T.		
2022279156	ABBOTT LABORATORIES		
2022279886	CAVIDI AB		
2022279954	MODIBODI AUSTRALIA PTY LTD		
2022280533	MODIBODI AUSTRALIA PTY LTD		
2022280941	VITRO FLAT GLASS LLC		
2022281402	D. E. SHAW RESEARCH, LLC		
2022281443	STOKE SPACE TECHNOLOGIES, INC.		
2022281940	DAEWOONG PHARMACEUTICAL CO., LTD.		
2022282263	AS AMERICA, INC.		
2022282372	CELGENE CORPORATION; BRISTOL-MYERS SQUIBB COMPANY		
2022282579	NOVO NORDISK A/S; DICERNA PHARMACEUTICALS, INC.		
2022282840	SNIPE MEDICAL LTD		
2022283291	SANA BIOTECHNOLOGY, INC.		
2022283501	GOLDSCHMIDT HOLDING GMBH		
2022283550	MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.		
2022283577	BÜHLER AG		
2022283904	OWENS CORNING INTELLECTUAL CAPITAL, LLC		
2022284877	OWENS CORNING INTELLECTUAL CAPITAL, LLC		
2022285075	SOCIETE DES PRODUITS NESTLE S.A.		
2022285745	CONOCOPHILLIPS COMPANY		
2022286333	REALTA LIFE SCIENCES, INC.		
2022286656	VENCOREX FRANCE SAS		
2022286819	ZAZZLE INC.		
2022287020	OWENS CORNING INTELLECTUAL CAPITAL, LLC		
2022287196	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022287210	INTERNATIONAL BUSINESS MACHINES CORPORATION		
2022287318	ZODIAC POOL CARE EUROPE		
2022287879	DELAVAL HOLDING AB		
2022288632	INSPIRE MEDICAL SYSTEMS, INC.		
2022289158	EVVA SICHERHEITSTECHNOLOGIE GMBH		
2022289444	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022290649	ZODIAC POOL CARE EUROPE		

IPC Index

<u>A01D 34 /-</u>	<u>A01N 55 /-</u>	<u>A23J 3 /-</u>	<u>A41D 13 /-</u>	<u>A61B 1 /-</u>	2022280533
2021445060	2022274094	2022245827	2022259081	2022246678	<u>A61F 2 /-</u>
<u>A01G 13 /-</u>	<u>A01N 59 /-</u>	2022261088	<u>A41D 31 /-</u>	2022269099	2021443990
2022266593	2022257951	<u>A23K 10 /-</u>	2021438112	2022269365	2022207599
<u>A01G 17 /-</u>	2022268745	2022264845	<u>A43B 9 /-</u>	2022270747	2022277552
2022266593	<u>A01P 3 /-</u>	<u>A23K 20 /-</u>	2022256361	2022278686	2022305260
<u>A01G 27 /-</u>	2022268745	2022264845	<u>A45D 26 /-</u>	<u>A61B 10 /-</u>	<u>A61F 9 /-</u>
2022266146	2022274094	<u>A23K 40 /-</u>	2021442539	2022260800	2022242101
<u>A01G 31 /-</u>	<u>A01P 7 /-</u>	2022264845	<u>A45F 3 /-</u>	<u>A61B 17 /-</u>	2022246207
2022266146	2021220702	<u>A23K 50 /-</u>	2022266593	2021443990	<u>A61G 12 /-</u>
<u>A01G 9 /-</u>	<u>A21D 13 /-</u>	2022264845	<u>A47B 57 /-</u>	2022236848	2022247492
2022266146	2022264918	<u>A23L 11 /-</u>	2021441826	2022241882	<u>A61G 7 /-</u>
<u>A01H 1 /-</u>	<u>A22B 3 /-</u>	2022287196	<u>A47C 27 /-</u>	2022256478	2022247492
2022260858	2022261791	2022289444	2022245228	2022269099	<u>A61J 1 /-</u>
<u>A01H 6 /-</u>	<u>A23B 4 /-</u>	<u>A23L 13 /-</u>	<u>A47F 1 /-</u>	<u>A61B 18 /-</u>	<u>A61J 7 /-</u>
2022260858	2022256726	2022246007	2021441826	2022242101	2022236428
<u>A01J 5 /-</u>	<u>A23C 1 /-</u>	2022261088	<u>A47F 10 /-</u>	2022282840	2022264762
2022287879	2022287196	2022264783	2021441826	2022328776	2022264972
<u>A01K 29 /-</u>	2022289444	<u>A23L 2 /-</u>	<u>A47F 5 /-</u>	<u>A61B 3 /-</u>	2022266599
2022261747	<u>A23C 11 /-</u>	2022289444	2021441826	2022249955	<u>A61J 7 /-</u>
<u>A01M 1 /-</u>	<u>A23C 20 /-</u>	<u>A23L 25 /-</u>	2022268621	<u>A61B 34 /-</u>	2022236428
2022254696	2022245005	2022264038	<u>A47J 31 /-</u>	2022249955	2022264762
2022277400	2022285075	<u>A23L 27 /-</u>	2021441826	2022256463	<u>A61K 31 /-</u>
<u>A01N 25 /-</u>	2022287196	2022246007	<u>A47J 37 /-</u>	<u>A61B 5 /-</u>	2021441952
2022268745	2022289444	<u>A23L 3 /-</u>	2022245948	2021443990	2022235948
<u>A01N 27 /-</u>	<u>A23D 7 /-</u>	<u>A23L 33 /-</u>	2022270279	2022236848	2022236404
2022266070	2022245827	2022264038	<u>A47J 5 /-</u>	2022245804	2022237154
<u>A01N 35 /-</u>	<u>A23F 3 /-</u>	2022285075	2022262507	2022249311	2022237405
2022269255	2022270915	<u>A23L 5 /-</u>	<u>A47L 11 /-</u>	2022249389	2022237769
<u>A01N 37 /-</u>	<u>A23F 5 /-</u>	2022245005	2022236309	2022257006	2022238058
2022274094	2022270915	2022245827	2022240879	2022257927	2022239128
<u>A01N 43 /-</u>	2022287196	2022261088	2022240881	2022259371	2022239717
2021220702	<u>A23G 3 /-</u>	2022264038	2022240904	2022263728	2022240688
2022274094	2022264038	2022264918	<u>A47L 7 /-</u>	2022265692	2022240967
<u>A01N 47 /-</u>	<u>A23G 4 /-</u>	2022285075	<u>A47L 9 /-</u>	2022267009	2022243540
2022274094	2022264918	<u>A23P 10 /-</u>	2022237713	2022288632	2022243548
<u>A23J 1 /-</u>	<u>A23J 1 /-</u>	<u>A41D 1 /-</u>	2022240904	<u>A61B 50 /-</u>	2022244224
2022261088	2022261088	2021438112	<u>A47L 7 /-</u>	2022239813	2022245277
			<u>A47L 9 /-</u>	<u>A61B 8 /-</u>	2022248724
			2022236309	2022260834	2022249065
			2022237713	<u>A61B 90 /-</u>	2022249151
			2022240904	2022260834	2022249968
			<u>A47L 7 /-</u>	<u>A61B 9 /-</u>	2022250095
			2022237713	2022254651	2022253455
			<u>A47L 9 /-</u>	2022256074	2022254651
			2022236309	2022256540	2022256074
			2022237713	2022256725	2022256540
			2022240881	2022258788	2022256725
			2022240881	2022258879	2022258788
				2022249955	2022258879
					2022258969
					2022259360
					2022259874
					2022260487
					2022260863
					2022261742
					2022262593
					2022262655

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

2022263067	<u>A61K 39 /-</u>		<u>A61M 27 /-</u>	<u>A61P 19 /-</u>	2022240967
2022263996		<u>A61K 9 /-</u>			2022242421
2022264289	2022242421		2022256475	2022264584	2022242830
2022264584	2022245277	2022236886			2022258969
2022264917	2022252297	2022243548	<u>A61M 31 /-</u>	<u>A61P 21 /-</u>	2022259360
2022266610	2022253902	2022245277			2022260466
2022266640	2022257093	2022248724	2022270747	2022265246	2022267223
2022266680	2022260298	2022249968			2022267897
2022267223	2022260466	2022252297	<u>A61M 39 /-</u>	<u>A61P 23 /-</u>	2022292383
2022267249	2022262542	2022252406			
2022267304	2022264493	2022258553	2021444984	2022252406	<u>A61P 33 /-</u>
2022267897	2022267223	2022258576	2022269590		
2022269564	2022270072	2022258754	2022274531	<u>A61P 25 /-</u>	2022294552
2022269566	2022272835	2022258879			
2022269804	2022273303	2022261974	<u>A61M 5 /-</u>	2022236605	<u>A61P 35 /-</u>
2022269992	2022282372	2022266610		2022238450	
2022269993	2022292383	2022266640	2022274531	2022239873	2022235948
2022270072		2022269659		2022243540	2022240688
2022270124	<u>A61K 41 /-</u>	2022270124	<u>A61N 1 /-</u>	2022246283	2022244224
2022271119		2022270938		2022249151	2022245277
2022271223	2022269804	2022281940	2022265692	2022256725	2022246842
2022272181		2022294552	2022270077	2022257101	2022252297
2022273631	<u>A61K 45 /-</u>		2022277556	2022259605	2022253455
2022273702		<u>A61L 2 /-</u>	2022282840	2022264584	2022253902
2022275873	2022240967		2022288632	2022266680	2022254651
2022275931	2022245277	2022256446		2022267304	2022256540
2022281402	2022253455		<u>A61N 5 /-</u>	2022268545	2022257093
2022281940	2022254651	<u>A61L 26 /-</u>		2022273303	2022258567
2022282372	2022263996		2022254047		2022258754
2022282579	2022266680	2022242956	2022328776	<u>A61P 27 /-</u>	2022258788
2022294552	2022267304				2022259874
2022300325	2022270072	<u>A61L 27 /-</u>	<u>A61P 1 /-</u>	2022236886	2022260298
2022307875	2022273631			2022248724	2022260863
2022448086	2022273702	2022242956	2021441952	2022258342	2022262542
	2022286333	2022305260	2022236886	2022258754	2022264493
<u>A61K 33 /-</u>		2023239927	2022237154	2022264006	2022266640
	<u>A61K 47 /-</u>		2022239128	2022264917	2022267897
2022258754		<u>A61L 9 /-</u>	2022260487	2022272740	2022269564
	2022238058		2022263996		2022269566
<u>A61K 35 /-</u>	2022243548	2022254696	2022269659	<u>A61P 29 /-</u>	2022270124
	2022248724		2022271191		2022273631
2021437095	2022249065	<u>A61M 1 /-</u>	2022273631	2022237154	2022273702
2022244149	2022252297		2022273702	2022237405	2022282372
2022258567	2022253902	2022259371	2022281940	2022239128	
2022259360	2022258553	2022269055	2022448086	2022256725	<u>A61P 37 /-</u>
2022265246	2022258754	2022269056		2022258342	
2022269573	2022258879	2022270698	<u>A61P 11 /-</u>	2022258788	2022242055
	2022259360	2022271289		2022261742	2022263067
<u>A61K 36 /-</u>	2022260842	<u>A61M 11 /-</u>	2022265718	2022262593	2022272835
	2022262176		2022273631	2022269992	2022292383
2022236886	2022262422	2022258576	2022273702	2022269993	2022448086
	2022262794	2022263728	<u>A61P 13 /-</u>	2022271119	
<u>A61K 38 /-</u>	2022265718			2022272835	<u>A61P 43 /-</u>
	2022269804	<u>A61M 15 /-</u>	2022262176	2022273631	
2022239717	2022281940		2022273631	2022273702	2022448086
2022242055	2022294552	2022258576	2022273702		
2022242421			2022294552	<u>A61P 3 /-</u>	<u>A61P 5 /-</u>
2022243540	<u>A61K 48 /-</u>	<u>A61M 16 /-</u>			
2022245996			<u>A61P 15 /-</u>	2022249968	2022264917
2022246283	2022239717	2022244997		2022260487	
2022258342	2022245996	2022245820	2022269992	2022263996	<u>A61P 7 /-</u>
2022258553	2022262422	2022263728	2022269993	2022264289	
2022258570	2022265246	2022266175	2022271119	2022269992	2022262593
2022262176	2022267266			2022269993	2022271191
2022263996		<u>A61M 25 /-</u>	<u>A61P 17 /-</u>	2022271119	
2022265246	<u>A61K 49 /-</u>			2022271191	<u>A61P 9 /-</u>
2022267223		2021444984	2021437095	2022271223	
2022269659	2022241653	2022256475	2022236886	2022275931	2022262655
2022272740	<u>A61K 8 /-</u>	2022256478	2022237154		2022269573
2022286333		2022270747	2022239128	<u>A61P 31 /-</u>	2022273702
	2021437095	2022274531	2022270072		
	2022246832			2022236404	<u>A61Q 17 /-</u>
				2022237405	
				2022237769	

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

A61Q 19 /- 2021437095	B01J 29 /- 2022250086	B08B 9 /- 2022256446 2022264491	B29D 35 /- 2022256361	B61D 11 /- 2021451070	B66B 1 /- 2021440528
A62D 3 /- 2022258578	B01J 35 /- 2022257951 2022266349	B24B 55 /- 2022261477	B32B 1 /- 2022274223	B62D 5 /- 2022358639	B66B 17 /- 2021442372
A63F 13 /- 2022267009	B01J 41 /- 2022236195	B24B 57 /- 2022261477	B32B 13 /- 2022262220	B63B 1 /- 2022269851	B66B 5 /- 2021442372
B01D 21 /- 2022255046	B01L 3 /- 2022256495	B25H 3 /- 2022239813	B32B 27 /- 2022236195 2022255359 2022274223	B63B 21 /- 2022269851	B66B 9 /- 2022248847
B01D 27 /- 2022245948	B02B 1 /- 2022254185	B25J 11 /- 2022264972	B32B 29 /- 2022274223	B63B 77 /- 2022269851	B66C 13 /- 2022348883
B01D 29 /- 2022245948	B02C 13 /- 2022276144	B25J 19 /- 2022264972	B32B 3 /- 2022255359	B64C 27 /- 2022262832	B66C 23 /- 2022262146
B01D 3 /- 2022263380	B02C 23 /- 2022266190	B25J 5 /- 2022264972	B32B 43 /- 2021443414	B64C 29 /- 2022262832	B66D 3 /- 2022258842
B01D 35 /- 2022245948	B02C 4 /- 2022276144	B25J 9 /- 2022264972	B32B 5 /- 2022255359	B64C 39 /- 2022259358	C01B 21 /- 2022266247
B01D 53 /- 2022266349	B03D 1 /- 2022276926	B28B 11 /- 2022262220 2022267788	B32B 7 /- 2022255359	B64G 1 /- 2022281443	C01B 3 /- 2022266349
B01D 61 /- 2022261310 2022261696	B05B 11 /- 2022259225	B28B 13 /- 2022256726	B60C 19 /- 2022262456	B65B 35 /- 2022264307	C02F 1 /- 2022245948 2022254142 2022255046 2022256468 2022261696 2022275838
B01D 63 /- 2022261310	B05B 15 /- 2022259225	B28B 3 /- 2022267788	B60H 1 /- 2022273745	B65B 5 /- 2022264307	C02F 101 /- 2022242958
B01D 65 /- 2022261310	B06B 1 /- 2022276926	B29B 13 /- 2021442916	B60K 17 /- 2022264461	B65D 21 /- 2022239813	C02F 103 /- 2022242958
B01D 71 /- 2022236195	B07B 1 /- 2022266190	B29B 17 /- 2021443414	B60K 25 /- 2022264461	B65D 3 /- 2022274223	C02F 3 /- 2022242958
B01D 9 /- 2022244593	B07B 13 /- 2022266190	B29C 45 /- 2022256361	B60L 53 /- 2022239007 2022255860	B65D 65 /- 2022270279	C02F 5 /- 2022256468
B01F 23 /- 2022253543	B08B 13 /- 2021443414	B29C 53 /- 2022267788	B60M 7 /- 2022255860	B65D 85 /- 2022270279	C02F 9 /- 2022275838
B01F 25 /- 2022253543	B08B 3 /- 2021443414 2022256446	B29C 57 /- 2022253587 2022254325	B60P 3 /- 2022269675	B65G 1 /- 2021441826 2022248847	C03C 13 /- 2022283904 2022284877 2022287020
B01J 21 /- 2022257951	B08B 5 /- 2022256446	B29C 63 /- 2021443414	B60P 7 /- 2021451070	B65G 11 /- 2022266190	C04B 103 /- 2022244027
B01J 23 /- 2022257951 2022266349	B08B 7 /- 2021443414	B29C 70 /- 2022283904	B60R 9 /- 2022264461	B65G 69 /- 2022256460	
				B65G 9 /- 2022256460	

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

<u>C04B 111 /-</u>	<u>C07D 209 /-</u>	<u>C07D 405 /-</u>	<u>C07D 499 /-</u>	2022264493	<u>C08L 23 /-</u>
2022262220	2022256074	2022240688	2022250095	2022265246	2022270661
2022263634	2022281402	2022258788		2022269643	
<u>C04B 2 /-</u>	<u>C07D 211 /-</u>	2022260487	<u>C07D 503 /-</u>	2022271195	<u>C08L 35 /-</u>
		2022269566		2022272740	
2022274151	2022236195	2022271223	2022250095	2022283291	2022254142
2022275001	2022258788	2022273702	<u>C07D 513 /-</u>	2022292383	<u>C08L 5 /-</u>
	2022300325	2022275931		<u>C07K 16 /-</u>	
<u>C04B 24 /-</u>	<u>C07D 231 /-</u>	<u>C07D 409 /-</u>	2022240967	2022246842	2022264516
			2022260487	2022248913	2022273722
2021457835	2022273631	2022260487	<u>C07D 519 /-</u>	2022253902	<u>C08L 95 /-</u>
<u>C04B 28 /-</u>	<u>C07D 233 /-</u>	<u>C07D 413 /-</u>		2022259605	
			2022236404	2022260298	2022263242
2021457835	2022266640	2022260487	2022256725	2022262046	
2022244027	2022275873	2022269564	2022259874	2022262542	<u>C09B 23 /-</u>
2022247402		2022269566		2022263126	
2022263634	<u>C07D 239 /-</u>	2022271223	<u>C07F 15 /-</u>	2022264493	2022269804
		2022273702		2022265246	
<u>C04B 35 /-</u>	2022267249	2022274094	2022241653	2022268545	<u>C09B 57 /-</u>
				2022272420	
2022267788	<u>C07D 251 /-</u>	<u>C07D 417 /-</u>	<u>C07F 5 /-</u>	2022272835	2022269804
<u>C04B 40 /-</u>				2022273303	
	2022309103	2022250095	2022250095	<u>C07K 19 /-</u>	<u>C09D 175 /-</u>
2022244027		2022260487	2022269804		
<u>C04B 41 /-</u>	<u>C07D 255 /-</u>	2022269566	<u>C07F 9 /-</u>	2022292383	2022286656
		2022273702			<u>C09D 195 /-</u>
2022262220	2022241653	<u>C07D 471 /-</u>	2022266247	<u>C07K 5 /-</u>	
<u>C05G 3 /-</u>	<u>C07D 263 /-</u>		<u>C07H 21 /-</u>		2022263242
		2022235948		2022260554	<u>C09G 1 /-</u>
2022266247	2022258788	2022237154	2022245996	<u>C07K 7 /-</u>	
<u>C07C 231 /-</u>	<u>C07D 265 /-</u>	2022237769	<u>C07H 7 /-</u>		2022261477
		2022239128		2022242421	
2022256511	2022244224	2022240967	2022258969	2022286333	<u>C09K 3 /-</u>
		2022250095		<u>C08B 37 /-</u>	2022261477
<u>C07C 233 /-</u>	<u>C07D 275 /-</u>	2022256725	<u>C07J 41 /-</u>		
		2022259874		2022264516	<u>C09K 8 /-</u>
2022256511	2022258788	2022260487	2022264917	2022273722	
2022300325	<u>C07D 291 /-</u>	2022281402	<u>C07J 43 /-</u>	<u>C08C 19 /-</u>	2021441472
<u>C07C 235 /-</u>					2021457835
	2022267897	2022237769	2022264917	2022243921	2022244027
2022256511	<u>C07D 295 /-</u>	2022240967	<u>C07J 5 /-</u>	<u>C08G 18 /-</u>	<u>C09K 9 /-</u>
<u>C07C 273 /-</u>		2022249151			
	2022244224	2022250095	2022264917	2022261738	2022280941
2022309103	<u>C07D 333 /-</u>	2022256725	<u>C07J 51 /-</u>	2022286656	<u>C10B 53 /-</u>
		2022258969		<u>C08G 65 /-</u>	
<u>C07C 29 /-</u>	2022258788	2022260487	2022261742		2022243921
		2022260863	<u>C07J 71 /-</u>	2022236195	<u>C10G 1 /-</u>
2022250086	<u>C07D 401 /-</u>	<u>C07D 491 /-</u>		<u>C08G 75 /-</u>	
<u>C07C 41 /-</u>			2022264917		2022243921
	2022258788	2022240967		2022236195	2022264939
2022263380	2022269564	2022307875	<u>C07K 1 /-</u>		<u>C10G 11 /-</u>
	2022271223	<u>C07D 493 /-</u>		<u>C08J 11 /-</u>	
<u>C07C 49 /-</u>	2022273631		2022244995		2022264939
	2022273702	2022240688	<u>C07K 14 /-</u>	2022243921	<u>C10G 50 /-</u>
2022256540	<u>C07D 403 /-</u>	<u>C07D 495 /-</u>		2022255033	
<u>C07D 205 /-</u>			2022238450	<u>C08J 5 /-</u>	2023202860
	2022258788	2022258788	2022242830		<u>C10J 3 /-</u>
2022258788	2022267249	2022272181	2022243540	2022236195	
	2022269992	<u>C07D 498 /-</u>	2022257093	<u>C08K 5 /-</u>	2022262626
<u>C07D 207 /-</u>	2022269993		2022258570		
	2022271119	2022235948	2022258578	2022254142	<u>C10K 1 /-</u>
2022258788	2022271223	2022260487	2022262046	2022264516	
	2022272181	2022275931	2022262176		2022262626
			2022262771		

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

<u>C10K 3 /-</u>	<u>C12N 7 /-</u>	<u>E02D 27 /-</u>		2022285745	<u>F16K 11 /-</u>
2022262626 2023202860	2022265246 2022267223	2021449229	<u>E05B 19 /-</u>	<u>E21B 49 /-</u>	2022269365
<u>C11B 3 /-</u>	<u>C12N 9 /-</u>	<u>E02D 31 /-</u>	2022289158	2022264601	<u>F16L 1 /-</u>
2021442345	2022242754 2022258578 2022262422	2022270661	<u>E05B 27 /-</u>	<u>E21B 7 /-</u>	2021443324
<u>C11D 1 /-</u>	<u>C12P 21 /-</u>	<u>E02D 5 /-</u>	2022289158	2021443324 2022380663 2022383218	<u>F16L 101 /-</u>
2022261477		2022266593	<u>E05B 47 /-</u>		2022264491
<u>C11D 3 /-</u>	2022262542	<u>E02D 7 /-</u>	2022289158	<u>E21C 25 /-</u>	<u>F16L 13 /-</u>
2022261477	<u>C12Q 1 /-</u>	2022266593	<u>E05B 65 /-</u>	2022380663 2022383218	2021444627
<u>C12M 1 /-</u>	2022269643 2022271320 2022272870 2022279886	<u>E02F 3 /-</u>	2022260831	<u>E21C 35 /-</u>	<u>F16L 21 /-</u>
2022236557 2022283577 2023219983		2022247331 2022278293	<u>E05B 9 /-</u>	2022276144 2022380663	2021444627 2022259486
<u>C12N 1 /-</u>	<u>C22B 60 /-</u>	<u>E02F 5 /-</u>	<u>E05C 19 /-</u>	<u>E21D 20 /-</u>	<u>F16L 55 /-</u>
	2021443324	2021443324	2022289158	2022380663 2022383218	2022264491
2022242830 2022262542 2022265246 2022272406	2022274819	<u>E02F 9 /-</u>	<u>E05F 15 /-</u>	<u>E21D 23 /-</u>	<u>F24B 1 /-</u>
	<u>C22C 18 /-</u>	2022278293	2022260387	2022383218	2022256759
<u>C12N 11 /-</u>	2022254564	<u>E03B 7 /-</u>	<u>E21B 15 /-</u>	2022383218	<u>F24B 13 /-</u>
2022242958	<u>C23C 2 /-</u>	2022282263	2022380663 2022383218	<u>E21F 13 /-</u>	2022256759
<u>C12N 15 /-</u>	2022254564	<u>E03C 1 /-</u>	<u>E21B 17 /-</u>	2022247331	<u>F24B 5 /-</u>
	<u>C23F 13 /-</u>	2022282263	2021460024	<u>F01K 3 /-</u>	2022256759
2022242754 2022245996 2022256039 2022257101 2022260466 2022262046 2022262422 2022262542 2022262771 2022264006 2022265246 2022266662 2022266774 2022267266 2022269633 2022272835 2022282579 2022283550 2022292383	2022247402	<u>E03D 1 /-</u>	<u>E21B 23 /-</u>	2022238451	<u>F24F 1 /-</u>
	<u>C25B 1 /-</u>	2022282263	2021460278 2022242032	<u>F02C 6 /-</u>	2022243768
	2021444032	<u>E03D 5 /-</u>	<u>E21B 29 /-</u>	2022238451	<u>F24F 13 /-</u>
	<u>C25B 11 /-</u>	2022282263	2021460278	<u>F02C 9 /-</u>	2021444627
	2021444032	<u>E04B 1 /-</u>	<u>E21B 33 /-</u>	2022340028	<u>F24T 50 /-</u>
	<u>C25B 9 /-</u>	2022283904 2022284877 2022287020	2021457835 2022242032	<u>F02K 9 /-</u>	2022243078
	2021444032	<u>E04C 2 /-</u>	<u>E21B 37 /-</u>	2022247377 2022281443	<u>F25B 1 /-</u>
	<u>D06C 5 /-</u>	2022262220	2021441472 2021460278	<u>F02M 26 /-</u>	2022243768
	2022451660	<u>E04D 13 /-</u>	<u>E21B 41 /-</u>	2022261529	<u>F25B 49 /-</u>
	<u>D06F 53 /-</u>	2021447669	2022264601	<u>F03D 13 /-</u>	2022243768
	2022269675	<u>E04F 15 /-</u>	<u>E21B 43 /-</u>	2022259339	<u>F25J 1 /-</u>
<u>C12N 5 /-</u>	<u>D06F 57 /-</u>	2022260625	2021457835 2022264601 2022285745	<u>F03D 9 /-</u>	2022262269
2022236557 2022244149 2022245996 2022256513 2022258097 2022262046 2022262542 2022264783 2022265246 2022269573 2022269643 2022270117 2022283291	2022269675	<u>E04H 15 /-</u>	<u>E21B 44 /-</u>	2022271644	<u>F26B 21 /-</u>
	<u>D21F 5 /-</u>	2022269675	2022380663	<u>F03G 4 /-</u>	2022256726
	2022256726	<u>E04H 4 /-</u>	<u>E21B 47 /-</u>	2022243078	<u>F26B 3 /-</u>
	<u>E01B 26 /-</u>	2022287318 2022290649 2022291265	2021447431 2021460024 2022264601	<u>F04C 29 /-</u>	2022256726
	2022283501	<u>E05B 15 /-</u>		2022236110	<u>F27B 1 /-</u>
	<u>E02D 17 /-</u>	2022289158		<u>F16D 41 /-</u>	2022274151 2022275001
	2022266593 2022270661			2021445060	

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

F27B 9/-	2022259605					H01M 4/-
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	2022261972	2022280941	2022261838	2022261143		2022291259
F28D 7/-	2022272870		2022264769			
2022291265	2022275689	G05B 15/-		G07C 9/-	H01M 8/-	
	2022279156	2022282263	G06N 20/-	2022294437	202236195	
F41G 1/-	G01N 35/-	2022283577	2022261132		2022267788	
2022256471	2022246667	G05B 17/-	2022261143	G08B 21/-	2022291259	
	2022264434	2022256363	2022264302	2022268621		
G01C 15/-	G01R 23/-		G06N 3/-		H01Q 21/-	
2022258476	2022256302	G05B 19/-	2022264769	G08G 1/-	2022257927	
		2022276596	2022283577	2022261132	H01Q 25/-	
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G01F 1/-	2022263786	2022256460	2022268621		H01R 24/-	
2022271019	2022266288	2022261132	G06Q 20/-	G09F 7/-	2022287318	
	G01R 33/-		2022246102	2022283501		
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		2021445306	2022294437	G16H 40/-	2022271644	
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		G06F 30/-	2022249956		2021443409	
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G01N 30/-	G02B 6/-	2022263988	2022261143	H01M 10/-	2022246087	
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2022246283	2022259614					
2022259371						

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

<u>H02K 49 /-</u>	<u>H04N 1 /-</u>	<u>H05K 7 /-</u>
2022439205	2021443312	2021443409
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<u>H03F 19 /-</u>	<u>H04N 19 /-</u>	
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<u>H03M 13 /-</u>	2022303514 2022434052 2022442102 2022451712	
2022255028		
<u>H04B 1 /-</u>	<u>H04N 21 /-</u>	
2022256302		
<u>H04B 7 /-</u>	2022246102 2022261052	
2022253819 2022259424	<u>H04N 23 /-</u>	
<u>H04L 1 /-</u>	2022247435 2022249956	
2022255028	<u>H04R 1 /-</u>	
<u>H04L 12 /-</u>	2022267857 2022270070	
2022240331	<u>H04R 25 /-</u>	
<u>H04L 25 /-</u>	2022267857	
2022266481	<u>H04R 3 /-</u>	
<u>H04L 27 /-</u>	2022267857	
2022256302 2022266481	<u>H04R 5 /-</u>	
<u>H04L 5 /-</u>	2022267857	
2022266481	<u>H04W 12 /-</u>	
<u>H04L 67 /-</u>	2022261052	
2022236779 2022240331 2022276420	<u>H04W 28 /-</u>	
<u>H04L 69 /-</u>	2022261879	
2022276420	<u>H04W 56 /-</u>	
<u>H04L 9 /-</u>	2022266481	
2022246102 2022261052 2022265383 2022266767 2022276420	<u>H04W 72 /-</u>	
<u>H04M 11 /-</u>	2022261879 2022267599	
2022262511 2022262686	<u>H05B 47 /-</u>	
<u>H04M 3 /-</u>	2022244101	
2022262511 2022262686	<u>H05B 6 /-</u>	
	2022292815	

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C09K 5/06 (2006.01)
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 (43) 27.09.2018
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 Levinson, Nathan; Taylor, Chad
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 leak mitigation systems for implantable
 prosthetic heart valve devices
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A61F 2/24 (2006.01)
A61F 2/82 (2013.01)
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 flexible fuel combustor for a gas turbine
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F23N 1/00 (2006.01)
F02C 3/20 (2006.01)
F02C 3/30 (2006.01)
F02C 9/28 (2006.01)
F02C 9/40 (2006.01)
F23D 14/32 (2006.01)
F23L 7/00 (2006.01)
F23N 1/02 (2006.01)
F23N 3/00 (2006.01)
F23N 5/24 (2006.01)
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 (21) 2021236570 (22) 24.09.2021
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 of (3S,4R)-3-ethyl-4-(3H-im-
 idazo[1,2-a]pyrrolo[2,3-e]-pyrazin-8-yl)-

N-(2,2,2-trifluoroethyl)pyrrolidine-1-car-
 boxamide and solid state forms thereof
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A61P 35/00 (2006.01)
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 KLÜNDER, Ben
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 (11) AU-B-2019301699
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 (54) Engineered immunostimulatory bacteri-
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C12N 1/36 (2006.01)
A61K 35/74 (2015.01)
A61P 35/00 (2006.01)
C07K 14/55 (2006.01)
C12N 15/113 (2010.01)
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 AGES USING DEEP VISUAL GUIDED
 PATCH MATCH MODELS FOR IMAGE
 INPAINTING
 (51) Int. Cl.
G06T 5/00 (2006.01)
G06N 3/04 (2006.01)
G06N 3/08 (2006.01)
G06T 7/00 (2017.01)
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C07C 229/08 (2006.01)
A61Q 1/00 (2006.01)
A61Q 5/12 (2006.01)
C11D 1/00 (2006.01)
C11D 1/10 (2006.01)
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C12N 15/11 (2006.01)
C12N 15/14 (2006.01)
C12N 15/85 (2006.01)
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A61P 1/04 (2006.01)
A61P 1/06 (2006.01)
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A47F 3/04 (2006.01)
F25D 21/04 (2006.01)
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G01S 17/02 (2020.01)
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C01B 32/60 (2017.01)
B01D 53/14 (2006.01)
B01D 53/62 (2006.01)
C01F 5/24 (2006.01)
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B62D 5/04 (2006.01)

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F03G 3/00 (2006.01)
F03G 7/10 (2006.01)
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G06F 30/27 (2020.01)
G01C 11/04 (2006.01)
G06F 3/01 (2006.01)
G06F 18/20 (2023.01)
G06F 30/00 (2020.01)
G06N 20/00 (2019.01)
G06V 20/13 (2022.01)
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A61K 9/06 (2006.01)
A61K 31/00 (2006.01)
A61K 47/32 (2006.01)
A61K 47/34 (2017.01)
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F26B 3/00 (2006.01)
C02F 11/00 (2006.01)
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B22C 1/18 (2006.01)
C04B 35/03 (2006.01)
C04B 35/628 (2006.01)
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 (51) Int. Cl.
B01D 61/14 (2006.01)
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 (51) Int. Cl.
G06F 40/10 (2020.01)
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G06N 3/04 (2006.01)
G06N 3/08 (2006.01)
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A61M 39/00 (2006.01)
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A61P 3/04 (2006.01)
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B60J 11/04 (2006.01)
E04H 6/04 (2006.01)
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A47K 10/32 (2006.01)
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A47K 10/34 (2006.01)
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H04N 23/00 (2023.01)
A61G 10/00 (2006.01)
A61J 1/16 (2006.01)
B65B 3/00 (2006.01)
B65B 57/10 (2006.01)
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A61K 36/48 (2006.01)
A23L 11/50 (2021.01)
A23L 33/105 (2016.01)
A61K 36/24 (2006.01)
A61K 36/287 (2006.01)
A61K 36/46 (2006.01)
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A61P 3/08 (2006.01)
A61P 9/00 (2006.01)
C12N 1/14 (2006.01)
C12N 1/20 (2006.01)
A23L 11/30 (2016.01)
A23L 11/70 (2021.01)
C12R 1/07 (2006.01)
C12R 1/69 (2006.01)

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C07K 16/28 (2006.01)
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B61D 27/00 (2006.01)
F24F 5/00 (2006.01)
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G02B 6/28 (2006.01)
G02B 6/36 (2006.01)
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G02B 6/42 (2006.01)
H04Q 1/00 (2006.01)
H04Q 1/02 (2006.01)
H04Q 1/04 (2006.01)
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H04Q 1/08 (2006.01)
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H04Q 1/14 (2006.01)

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D02G 3/38 (2006.01)
D02G 3/44 (2006.01)
H01B 1/02 (2006.01)
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D06F 37/30 (2006.01)
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F16L 55/165 (2006.01)
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C12N 5/07 (2010.01)
C12Q 1/6886 (2018.01)
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C22C 14/00 (2006.01)
C22F 1/18 (2006.01)
G02B 6/36 (2006.01)
G02B 7/00 (2021.01)
G02B 7/02 (2021.01)
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B33Y 70/00 (2020.01)
B22F 10/20 (2021.01)
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 A61M 35/00 (2006.01)
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C08K 3/22 (2006.01)
C08K 3/36 (2006.01)
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C07K 14/195 (2006.01)
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C12N 15/864 (2006.01)
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G01S 13/93 (2020.01)
G01C 11/02 (2006.01)
G03B 37/04 (2021.01)
G05D 1/00 (2006.01)
G08G 5/04 (2006.01)

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H04N 21/2347 (2011.01)
H04N 21/235 (2011.01)
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C08K 5/103 (2006.01)
C08K 5/12 (2006.01)
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G08G 5/02 (2006.01)
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B65G 15/34 (2006.01)
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G01S 5/02 (2010.01)
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B04C 11/00 (2006.01)
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G01H 1/00 (2006.01)
G01M 7/00 (2006.01)
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G01N 21/53 (2006.01)
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H04W 72/04 (2009.01)
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H04L 1/18 (2006.01)
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2016368469	F. Hoffmann-La Roche AG	2018223215	ASSA ABLOY Australia Pty Limited
2016370590	The Trustees of The University of Pennsylvania	2018223218	ASSA ABLOY Australia Pty Limited
2016384285	FUJIFILM Diosynth Biotechnologies UK Limited	2018223219	ASSA ABLOY Australia Pty Limited
2017204428	Heath, W.	2018223938	Epiroc Rock Drills Aktiebolag
2017221839	GroundProbe Pty Ltd	2018226504	Tyco Fire & Security GmbH
2017249813	Kirin Holdings Kabushiki Kaisha	2018226867	University of Pittsburgh - Of the Commonwealth System of Higher Education
2017271550	Purdue Research Foundation; Endocyte, Inc.	2018227413	Fresenius Medical Care Holdings, Inc.
2017272166	Caltooling Pty Ltd	2018227418	Fenwal, Inc.
2017272227	CiiLOCK Engineering Pty Ltd	2018227821	Wanzl GmbH & Co. KGaA
2017279712	CUP&CINO Kaffeesystem-Vertrieb GmbH & Co. KG	2018229799	Givaudan SA
2017286843	Crispr Therapeutics AG	2018229958	Aerofoil Energy Ltd
2017291053	Suez International	2018229961	8 Rivers Capital, LLC
2017294292	National Oilwell Varco Denmark I/S	2018230505	Retractable Technologies, Inc.; Shaw, T.
2017296175	Bonus Therapeutics Ltd.	2018231031	Nevro Corp.
2017297624	Ionis Pharmaceuticals, Inc.	2018232976	NORITZ CORPORATION
2017309313	River Stone Biotech, LLC	2018234918	Adverum Biotechnologies, Inc.
2017312544	Westrock Packaging Systems, LLC	2018234953	Chr. Hansen A/S
2017332673	Eaton Intelligent Power Limited	2018238691	Joyderma AG
2017341084	UEA Enterprises Limited	2018239960	1414 Degrees Limited
2017348410	The Cleveland Clinic Foundation	2018241518	The University of Queensland
2017350159	Scarcell Therapeutics	2018242998	Mapi Pharma Ltd.
2017352242	Radio Flyer Inc.	2018244465	Smith & Nephew, Inc.
2017355514	Allied Mineral Products, Inc.	2018246335	Promat Australia Pty. Ltd; Etex Building Performance GmbH
2017358322	Dissing A/S	2018247175	Agency for Science, Technology and Research
2017360985	Illinois Tool Works Inc.	2018250396	FISHER & PAYKEL APPLIANCES LIMITED
2017363146	Catalog Technologies, Inc.	2018251094	Societe des Produits Nestle S.A.
2017363180	LGC Clinical Diagnostics, Inc.	2018253392	Capsugel Belgium NV
2017366710	Quanta Associates, L.P.	2018253510	The Boeing Company
2017366732	Ethonus, Inc.	2018253981	JSP Limited
2017367293	Sasinapas Co., Ltd.	2018256549	The Boeing Company
2017368329	Novel Microdevices, LLC	2018256735	Mega-Inliner International Group B.V
2017369605	Association Institut De Myologie; Institut National de la Santé et de la Recherche Médicale; Centre National De La Recherche Scientifique; Sorbonne Universite	2018258975	Discovery Purchaser Corporation
2017370101	Escala Medical Ltd.	2018265182	Walter Maschinenbau GmbH
2017371481	Fisher and Paykel Healthcare Limited	2018265321	Linnea SA
2017372711	Bettcher Industries, Inc.	2018265328	Sandvik Intellectual Property AB
2017375899	Calderon Agudo, O.	2018271807	Hip Innovation Technology, LLC
2017378029	G. Pohl-Boskamp GmbH & Co. KG	2018271873	Insmed Incorporated
2017383135	SIG Technology AG	2018273990	Magic Leap, Inc.
2017384526	LTS Lohmann Therapie-Systeme AG	2018276117	Mootral SA
2017385611	Johann Wolfgang Goethe-Universität Frankfurt am Main	2018277477	Kyowa Hakko Bio Co., Ltd.
2017395751	Liv Labs Inc.	2018281724	Omicron-Laserage Laserprodukte GmbH
2017404211	The Yokohama Rubber Co., Ltd.	2018281830	Providence Health & Services - Oregon; AgonOx, Inc.
2017404507	CEEK Women's Health, Inc.	2018285235	T.J.Smith & Nephew, Limited
2017405992	iRobot Corporation	2018287701	Produits Dentaires Pierre Rolland
2017407332	Halliburton Energy Services, Inc.	2018291023	Spark Therapeutics, Inc.
2017428297	Dow Global Technologies LLC	2018292473	Poura Ltd
2017438989	SES-imagotag GmbH	2018292955	Hettich-ONI GmbH & Co. KG
2017439156	Jiangnan University; Puratos NV	2018293145	Nexter Munitions
2017441860	Maxell Izumi Co., Ltd.	2018296476	Jiangsu Hengrui Medicine Co., Ltd.
2018200634	Miyakoshi Printing Machinery Co., Ltd.	2018296711	Electrolux Appliances Aktiebolag
2018201521	Pillar Lasers Inc.	2018296712	DSM IP Assets B.V.
2018201593	Hunter Douglas Inc.	2018297906	Joint-Stock Company «Axion - Rare-Earth and Noble Metals»; Federal State Autonomous Educational Institution of Higher Education «Ural Federal University Named after the First President of Russia B.N. Yeltsin»; Joint Stock Company «Dalur»
2018202300	MAC Valves, Inc.	2018300987	ConocoPhillips Company
2018202553	InfraBuild Wire Pty Limited	2018301184	Elixa Limited
2018203071	MEDI-Clear Ltd	2018304177	BASF SE
2018205223	Aurora Flight Sciences Corporation	2018304187	Knopf, B.
2018206907	Kowa Company, Ltd.	2018306123	Kverneland Group Kerteminde AS
2018207234	Norton (Waterford) Limited	2018307425	Jeiko Innovations Oy
2018207583	Energy2Cleanair Holdings Pty Ltd	2018307817	ASC Engineered Solutions, LLC
2018207663	Radio Systems Corporation	2018315035	Balmoral Comtec Limited
2018211005	Graco Minnesota, Inc.	2018315395	Euro Meat Group SA
2018211893	PIPE-AQUA-TEC GMBH & CO. KG		
2018213270	AgJunction LLC		
2018216706	Kendall, J.		
2018220009	Gopak Limited		

Applications Accepted - Numerical Index cont'd

2018321496	Guangzhou Lupeng Pharmaceutical Company Ltd.	2019334666	Cha Biotech Co., Ltd.
2018322059	Guangzhou Lupeng Pharmaceutical Company Ltd.	2019392932	Element Biosciences, Inc.
2018326739	Balmoral Comtec Limited	2019394564	Sandvik Mining and Construction G.m.b.H.; Sandvik Mining and Construction Australia Pty Ltd; Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd
2018327342	CareFusion 303, Inc.		
2018328162	Jex Investments		
2018331388	Rovi Guides, Inc.		
2018332214	Janssen Biopharma, Inc.	2019397240	Uber Technologies, Inc.
2018333527	COSUCRA Groupe Warcoing SA	2019409870	Breville Pty Limited
2018335389	Board of Regents of the University of Nebraska	2019411781	Guangdong GD Kongming Biotech LLC
2018335769	The Lubrizol Corporation	2019446476	Nippon Telegraph and Telephone Corporation
2018336080	Meunier Technologies Inc.	2019464673	Daikin Industries, Ltd.; Daikin Europe N.V.
2018338065	Reddress Ltd.	2019475171	Essity Hygiene and Health Aktiebolag
2018339011	Leica Biosystems Imaging, Inc.	2020202744	Lawson, P.
2018340858	Greatrex, B.	2020204419	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI; THE ROCKEFELLER UNIVERSITY
2018341099	Johnson & Johnson Consumer Inc.		
2018341803	JBEC Co., Ltd.	2020208734	Heraeus Deutschland GmbH & Co. KG
2018344851	Delaval Holding AB	2020233221	Umdasch Group NewCon GmbH
2018348163	OneEvent Technologies, Inc.	2020234409	LG Electronics Inc.
2018351873	Swansea University	2020241859	Capital One Services, LLC
2018352671	Mitsubishi Gas Chemical Company, Inc.; National Institute of Advanced Industrial Science and Technology	2020248268	Huawei Technologies Co., Ltd.
		2020249808	SiSaf Limited
2018354028	Vertiv Corporation	2020256435	Foundation Medicine, Inc.
2018358141	Cargill, Incorporated	2020257217	Corning Research & Development Corporation
2018360836	AirWorks Solutions, Inc.	2020257796	LG Electronics Inc.
2018361566	Oncostellae, S.L.	2020258631	NordicCan A/S
2018362602	Ethicon, Inc.	2020258843	The Procter & Gamble Company
2018364762	Silca S.p.A.	2020261737	Caterpillar Inc.
2018371726	Fulfil Solutions, Inc.	2020263240	The Procter & Gamble Company
2018371973	Phosphonics Limited	2020267416	Edwards Lifesciences Corporation
2018374535	Yara UK Limited	2020268667	LG Electronics Inc.
2018380168	Source Global, PBC	2020276284	Khoros, LLC; Davis, S.J.; Woods, J.M.; Poncher, A.L.
2018380627	Samsung Electronics Co., Ltd.	2020276805	ZTE Corporation
2018380758	DSM IP Assets B.V.	2020277135	Omeros Corporation
2018382416	BASF SE	2020282355	ViaCyte, Inc.; W. L. Gore & Associates, Inc.
2018383640	OVR Tech, LLC	2020289754	The Water & Carbon Group Pty. Ltd.
2018385695	Magic Leap, Inc.	2020297214	LG Electronics Inc.
2018388404	HiberCell Inc.	2020297467	Nanjing Chervon Industry Co., Ltd.
2018401507	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020298074	Apex Brands, Inc.
		2020305463	Met Life Sciences Co., Ltd.
2018427119	Halliburton Energy Services, Inc.	2020306840	Rheinmetall Electronics GmbH
2018428849	Halliburton Energy Services, Inc.	2020309879	Hitachi, Ltd.
2018435973	ZTE Corporation	2020322791	Great Plains Manufacturing, Inc.
2018452619	The Middleby Corporation	2020322927	Faiveley Transport Leipzig GmbH & Co. Kg
2019203435	The Boeing Company	2020324949	Eli Lilly and Company
2019206010	Tata Consultancy Services Limited	2020325205	Microvention, Inc.
2019207523	Triphasic Cardiac Pump Pty Ltd	2020334937	Guangdong CIMC Building Construction Co., Ltd.
2019215723	Somfy Activites SA	2020337430	Colgate-Palmolive Company
2019219402	TCS John Huxley Europe Limited	2020345770	AEON BioPharma, Inc.
2019220551	bioMerieux, Inc.	2020346784	Rite-Hite Holding Corporation
2019222457	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2020347951	Alcon Inc.
		2020349419	Axsome Therapeutics, Inc.
2019224900	SFB Logitel Inc.	2020350944	HAI Robotics Co., Ltd.
2019228303	Echosens	2020354044	LG Electronics Inc.
2019229778	Chinoin Gyógyszer És Vegyészeti Termékek Gyára Zrt.	2020356475	CamelBak Products, LLC
2019229838	Societe des Produits Nestle S.A.	2020363397	Colgate-Palmolive Company
2019233761	Eurekam	2020369228	International Business Machines Corporation
2019235616	Vulco S.A.	2020372284	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2019237215	Université Libre de Bruxelles		
2019240176	Weir Canada, Inc.	2020375167	Solar Foods Oy
2019255370	Checkmate Pharmaceuticals, Inc.	2020376338	CMR Surgical Limited
2019257746	Textron Systems Corporation	2020376541	JFE Steel Corporation
2019262706	Suturegard Medical Inc.	2020378914	Weir Minerals Australia Ltd
2019262927	Ribon Therapeutics Inc.	2020380962	Milwaukee Electric Tool Corporation
2019264834	Metso Outotec Finland Oy	2020381501	Thales USA, Inc.
2019293704	Preomics GmbH	2020383008	International Business Machines Corporation
2019301699	Actym Therapeutics, Inc.	2020386373	Google LLC
2019301959	HKG EpiTherapeutics Limited	2020387358	Boston Scientific Scimed, Inc.
2019302353	Microsoft Technology Licensing, LLC	2020388053	Boston Scientific Scimed, Inc.
2019302604	Bai Yao Zhi DA (Beijing) Nanobio Technology Co., Ltd.	2020392975	International Business Machines Corporation
2019316661	PerkinElmer U.S. LLC	2020393794	Lawrence Equipment Inc.
2019322312	SPEX Corporate Holdings Limited	2020394499	International Business Machines Corporation
2019322814	HOFFMAN, J.	2020395077	Baker Hughes Oilfield Operations LLC

Applications Accepted - Numerical Index cont'd

2020397901	Palo Alto Research Center Incorporated	2021254515	Bayer Animal Health GmbH
2020400880	Telefonaktiebolaget LM Ericsson (publ)	2021254520	ConMed Corporation
2020403221	Three Smith Group Limited	2021254640	Implantica Patent Ltd
2020410838	Boston Scientific Scimed, Inc.	2021254669	Snap-on Incorporated
2020412715	Ecolab USA Inc.	2021254857	International Business Machines Corporation
2020422897	Nippon Steel Corporation; Vallourec Oil and Gas France	2021258065	Edico Genome, Corp.
2020432191	Venus by Maria Tash, Inc.	2021261776	Miner Enterprises, Inc.
2020433344	Husqvarna AB	2021261851	SAMSUNG ELECTRONICS CO., LTD.
2020438844	Toshiba Carrier Corporation	2021261895	Altria Client Services LLC
2020440805	Hitachi Energy Switzerland AG	2021266193	TAE Technologies, Inc.
2020445724	Huawei Digital Power Technologies Co., Ltd.	2021266246	Sloan-Kettering Institute for Cancer Research
2020466345	Google LLC	2021266313	Mindspark Technologies Pty Ltd
2021200438	Regeneron Pharmaceuticals, Inc.	2021273538	Amgen Inc.
2021200873	Wake Forest University Health Sciences	2021273567	Purestream Services, LLC
2021201594	Cygnus Biosciences (Beijing) Co. Ltd.	2021273633	Canon Kabushiki Kaisha
2021202095	Vaccinex, Inc.	2021276081	Subotic, N.
2021202600	Intrexon ActoBiotics N.V.	2021276375	YSI, Inc.
2021203685	Cornell University	2021277587	Schock GmbH
2021204256	Metso Sweden AB	2021282825	Kim, E.
2021204474	Koninklijke Douwe Egberts B.V.	2021285356	Qingdao Angile Energy Technology Co., Ltd.; Li, Y.
2021204848	Risher, V.	2021286249	Optimum Tracker
2021205632	Unilever IP Holdings B.V.	2021286346	Koninklijke Douwe Egberts B.V.
2021206859	Ocado Innovation Limited	2021286750	South China Sea Institute of Oceanology, Chinese Academy of Sciences
2021209836	CareFusion 303, Inc.	2021290246	Shandong Scicom Ecological Environment Research Institute Co., Ltd.; Advanced Materials Institute, Shandong Academy of Sciences
2021210906	Ancestry.com Operations Inc.	2021290269	Strata Safety Products, LLC
2021211399	ST Reproductive Technologies, LLC	2021290328	4C Medical Technologies, Inc.
2021211401	Baker Hughes Holdings LLC	2021290442	Nicoventures Trading Limited
2021211451	Eli Lilly and Company	2021293098	Enphase Energy, Inc.
2021212014	Ali-Jak Holdings Pty Ltd	2021295971	Praxair Technology, Inc.
2021212066	Keystone Tower Systems, Inc.	2021296911	FMC Technologies, Inc.
2021212129	ESKP3 PTY LTD	2021297136	PayPal, Inc.
2021213777	PRC-DeSoto International, Inc.	2021308755	Nuovo Pignone Technologie - S.r.l.
2021214417	Sideris, A.; Thomson, K.; Havas, T.	2021315417	Raytheon Company
2021214832	AdvanSix Resins & Chemicals LLC	2021316898	Weir Minerals Netherlands B.V.
2021215128	Massachusetts Institute of Technology	2021318336	Raytheon Company
2021216372	Boston Scientific Scimed, Inc.	2021329231	SIEMENS INDUSTRY, INC.
2021217805	International Business Machines Corporation	2021332493	SR Labs, Inc.
2021218184	TEAGASC - The Agriculture and Food Development Authority	2021336875	Google LLC
2021218704	Irhythm Technologies, Inc.	2021358138	GLOMESH INTL PTY LTD
2021223034	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.	2021363108	Jiangnan University
2021225263	Nacuity Pharmaceuticals, Inc.; The Johns Hopkins University	2021385100	Honest Medical China Co., Ltd.
2021226625	Norce Innovation AS	2021421795	FIBRECOAT GMBH
2021231074	Metagenomi, Inc.	2021426284	Google LLC
2021232694	Hainan Green Algae World Biotechnology Co. Ltd	2022200175	HANWHA SOLUTIONS CORPORATION
2021232702	Janssen Vaccines & Prevention B.V.	2022200281	ITT Manufacturing Enterprises LLC
2021232835	Aquatech International, LLC	2022200328	Snap-on Incorporated
2021234631	Hydra Systems AS	2022200426	LG Electronics Inc.
2021236458	FISHER & PAYKEL HEALTHCARE LIMITED	2022200513	ViiV Healthcare UK (No.3) Limited
2021236570	AbbVie Inc.	2022200533	LED TECHNOLOGIES INC.
2021238135	Mitsubishi Heavy Industries, Ltd.	2022200650	Globeride, Inc.
2021240113	Dolby International AB	2022200721	Ocado Innovation Limited
2021240133	Tokamak Energy Ltd	2022200733	Great Plains Manufacturing, Inc.
2021240269	LG Electronics Inc.	2022200736	Great Plains Manufacturing, Inc.
2021240313	Black & Decker Inc.	2022200767	Apex Industrial Technologies LLC
2021240314	Crossan, M.	2022200769	Fujikura Ltd.
2021240321	LG ELECTRONICS INC.	2022200793	Société des Produits Nestlé S.A.
2021243639	Nippon Steel Corporation	2022200878	Yodlee, Inc.
2021244291	Weatherford Technology Holdings, LLC	2022200996	DePuy Synthes Products, Inc.
2021245161	Fiber Mountain, Inc	2022201082	Ariad Pharmaceuticals, Inc.
2021245263	AgriMetis, LLC	2022201199	FLUID ENERGY GROUP LTD
2021246679	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.	2022201237	Spookfish Innovations Pty Ltd
2021247214	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.	2022201577	Flexopack S.A.
2021247584	Lifescience AS	2022201662	SJC IP Holdings Pty Ltd
2021248906	Teleflex Life Sciences Limited	2022201703	Adobe Inc.
2021250892	Canon Kabushiki Kaisha	2022201709	Aerie Pharmaceuticals, Inc.
2021250957	AeroVironment, Inc.	2022201729	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
		2022201885	Beijing Geekplus Technology Co., Ltd.
		2022202031	Bigfoot Biomedical, Inc.

Applications Accepted - Numerical Index cont'd

2022202178 TRUMA GERÄTETECHNIK GMBH & CO. KG
 2022202280 Ascendis Pharma Growth Disorders A/S
 2022202412 Husqvarna AB
 2022202451 SYNERLINK
 2022202468 Terra Quantum AG
 2022202584 Bedford Systems LLC
 2022202873 Trace Eye-D, LLC
 2022202884 EZZ Life Science Holdings Pty Ltd
 2022202924 Huawei Technologies Co., Ltd.
 2022203061 Equifax Inc.
 2022203201 Neurocrine Biosciences, Inc.
 2022203461 AOC, LLC
 2022203538 Molecular Templates, Inc.
 2022203667 Halliburton Energy Services, Inc.
 2022203876 Techtronic Cordless GP
 2022203948 Fochon Pharmaceuticals, Ltd.
 2022204191 DrFirst.com, Inc.
 2022204232 RxSafe LLC
 2022204609 Transportation IP Holdings, LLC
 2022206738 Beijing BrightSky Health Tech. Co. Ltd
 2022211799 Vetco Gray Scandinavia AS
 2022211807 Qualcomm Incorporated
 2022218512 BASF; ExxonMobil Research and Engineering Company
 2022218574 Carl Freudenberg KG
 2022218586 Lam, T.T.
 2022221498 Wix.com Ltd.
 2022221514 Array BioPharma Inc.
 2022224845 TRACKD, INC.
 2022228113 Basiri, S.
 2022228154 Samsung Electronics Co., Ltd.
 2022241538 Dolby International AB
 2022246421 BNSF Railway Company
 2022246422 BNSF Railway Company
 2022246423 BNSF Railway Company
 2022246424 BNSF Railway Company
 2022246455 AppViewX Inc.
 2022256176 MANGROVE WATER TECHNOLOGIES LTD
 2022263595 Nantong University
 2022274080 ORANGE MINING RESEARCH PTY LTD
 2022319998 COOPERVISION INTERNATIONAL LIMITED
 2022430003 GUANGZHOU HENOVCOM BIOSCIENCE CO., LTD.
 2023200135 Shanghai Linghuo Trading Co., Ltd.
 2023200495 Panasonic Intellectual Property Management Co., Ltd.
 2023203050 Apple Inc.
 2023203239 Sonos, Inc.
 2023233108 Agresta, F.
 2023237194 SUCCESS BIO-TECH CO., LTD.
 2023241318 Netflix, Inc.

IPC Index

<u>A01B 63 /-</u>	<u>A21C 15 /-</u>	2020375167 2022202884	<u>A47K 5 /-</u>	2017395751 2018285235 2018338065	2021225263 2021247584 2021266246 2022200513 2022201082 2022201709 2022203201 2022203948 2022206738 2022221514
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<u>A01B 73 /-</u>	<u>A21D 10 /-</u>	2021261895 2021290442	<u>A47L 11 /-</u>	<u>A61F 2 /-</u>	
2018201521	2017439156		2017405992 2020268667 2020354044	2017395751 2018271807 2020267416 2020387358 2021254640 2021290328	
<u>A01D 34 /-</u>	<u>A21D 13 /-</u>	<u>A41D 13 /-</u>	<u>A47L 13 /-</u>		
2018306123 2020297467	2017439156	2018328162	2022218574		<u>A61K 35 /-</u>
<u>A01G 9 /-</u>	<u>A21D 8 /-</u>	<u>A41D 31 /-</u>	<u>A47L 15 /-</u>	<u>A61F 5 /-</u>	2017296175 2017350159 2018226867 2018234953 2018281830 2019301699 2019334666 2021200873 2021202600 2022206738
2017272166	2017439156	2021358138	2020412715	2017395751	
<u>A01K 1 /-</u>	<u>A22B 3 /-</u>	<u>A44C 7 /-</u>	<u>A47L 9 /-</u>	<u>A61F 6 /-</u>	
2018344851	2018315395	2020432191	2020268667	2017370101 2017395751	
<u>A01K 11 /-</u>	<u>A23G 1 /-</u>	<u>A45C 3 /-</u>	<u>A61B 1 /-</u>	<u>A61F 7 /-</u>	
2018380758	2018380758	2021358138	2017404507 2021216372	2021254640	<u>A61K 36 /-</u>
2021211399	<u>A23G 9 /-</u>	<u>A45C 7 /-</u>	<u>A61B 17 /-</u>	<u>A61G 10 /-</u>	2017249813 2018333527 2022202884 2022206738
<u>A01K 15 /-</u>	2021205632	2021358138	2017370101 2018244465 2019262706 2020388053 2021254520 2021254640	2019233761	
2018207663 2018216706	<u>A23J 1 /-</u>	<u>A45D 33 /-</u>	<u>A61B 18 /-</u>	<u>A61H 23 /-</u>	<u>A61K 38 /-</u>
2018380758	2018380758	2022201662	2020410838	2019322814 2022200533	2017271550 2018242998 2018271873 2018351873 2019237215 2020305463 2021202095 2021202600 2021211451 2021218184 2022203538 2022206738
<u>A01K 21 /-</u>	<u>A23J 3 /-</u>	<u>A45F 3 /-</u>	<u>A61B 34 /-</u>	<u>A61J 1 /-</u>	
2021211399	2019229838	2020356475	2020376338	2018227413 2018230505 2019233761 2020325205	
<u>A01K 29 /-</u>	<u>A23K 10 /-</u>	<u>A47B 3 /-</u>	<u>A61B 5 /-</u>	<u>A61K 31 /-</u>	
2018216706 2021211399	2018234953 2018333527 2019229838 2020375167	2018220009	2018227418 2021218704 2023203050	2017249813 2017271550 2017348410 2017369605 2017378029 2017384526 2018206907 2018221820 2018238691 2018251094 2018265321 2018277477 2018296476 2018296712 2018321496 2018322059 2018333527 2018341099 2018361566 2018388404 2019302604 2020256435 2020258631 2020324949 2020345770 2020347951 2020349419	<u>A61K 39 /-</u>
<u>A01K 61 /-</u>	<u>A23K 20 /-</u>	<u>A47F 3 /-</u>	<u>A61B 6 /-</u>		2016368469 2020256435 2020277135 2021202095 2021202600
2021232694	2018276117 2018296712	2018229958	2022200996		
<u>A01K 67 /-</u>	<u>A23K 50 /-</u>	<u>A47G 1 /-</u>	<u>A61B 8 /-</u>	<u>A61K 45 /-</u>	
2021200438 2021211399	2018276117 2018380758 2019229838	2022201662	2017375899 2019228303	2018206907	
<u>A01K 85 /-</u>	<u>A23K 29 /-</u>	<u>A47G 29 /-</u>	<u>A61C 19 /-</u>	<u>A61K 47 /-</u>	
2017204428	2018276117 2018380758 2019229838	2022200767 2022201662	2020258843	2018296476 2018296712 2018321496 2018322059 2018333527 2018341099 2018361566 2018388404 2019302604 2020256435 2020258631 2020324949 2020345770 2020347951 2020349419	2016368469 2020256435 2020277135 2021202095 2021202600
<u>A01K 89 /-</u>	<u>A23L 11 /-</u>	<u>A47J 27 /-</u>	<u>A61D 1 /-</u>		
2022200650	2022202884	2019409870	2021211399		
<u>A01N 37 /-</u>	<u>A23L 13 /-</u>	<u>A47J 31 /-</u>	<u>A61D 17 /-</u>	<u>A61K 48 /-</u>	
2021225263	2019229838	2017279712 2021286346 2022200793 2022202584	2021211399	2016370590 2020204419	
<u>A01N 43 /-</u>	<u>A23L 2 /-</u>	<u>A47J 41 /-</u>	<u>A61F 13 /-</u>		
2021245263	2018358141	2020356475			
<u>A01N 57 /-</u>	<u>A23L 29 /-</u>	<u>A47K 10 /-</u>			
2018304177	2018253392	2019475171			
<u>A01N 65 /-</u>	<u>A23L 33 /-</u>				
2018333527	2018277477				

Applications Accepted - IPC Index cont'd

<u>A61K 51 /-</u>	<u>A61M 16 /-</u>	2018242998 2018251094 2018265321 2020349419 2021211451	<u>A61Q 17 /-</u>	2022218512	2018211005
2017271550	2017371481 2021236458		2018238691 2018333527	<u>B01D 61 /-</u>	<u>B05B 13 /-</u>
<u>A61K 6 /-</u>	<u>A61M 25 /-</u>			2018291023 2021232835 2021273538 2022256176	2018211005
2018287701	2021216372 2021248906	<u>A61P 27 /-</u>	<u>A61Q 19 /-</u>		<u>B05B 9 /-</u>
<u>A61K 8 /-</u>		2021225263	2018341099	<u>B01D 63 /-</u>	2018211005
2018229799 2018341099 2020249808 2020258843 2020263240 2020337430 2020363397	<u>A61M 27 /-</u>	<u>A61P 3 /-</u>	<u>A61Q 5 /-</u>	2021232835	<u>B07B 1 /-</u>
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<u>A61K 9 /-</u>	<u>A61M 35 /-</u>	<u>A61P 31 /-</u>	<u>A62B 18 /-</u>	2020282355 2021232835	<u>B21C 37 /-</u>
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	2018327342 2020298074		<u>A62B 27 /-</u>	2020282355	2017355514
	<u>A61M 5 /-</u>	<u>A61P 33 /-</u>	2018253981	<u>B01J 19 /-</u>	<u>B22F 10 /-</u>
	2018230505 2018327342 2020325205 2021248906 2022202031	2018333527	<u>A62B 7 /-</u>	2019293704	2021318336
	<u>A61M 60 /-</u>	<u>A61P 35 /-</u>	2016277732	<u>B01J 23 /-</u>	<u>B23K 5 /-</u>
	2019207523	2018206907 2018281830 2018321496 2018322059 2018361566 2018388404 2019301699 2020324949 2021236570 2022201082 2022203948 2022221514	<u>A62B 9 /-</u>	2020208734 2020397901	2021212066
	<u>A61N 1 /-</u>		2016277732	<u>B01J 31 /-</u>	<u>B23Q 17 /-</u>
	2018231031 2021215128 2021254640		<u>A62C 2 /-</u>	2020397901	2018265182
<u>A61L 15 /-</u>	<u>A61N 5 /-</u>	<u>A61P 37 /-</u>	2018246335	<u>B01J 35 /-</u>	<u>B24B 41 /-</u>
2018338065 2021214417	2018281724 2022200533	2018321496 2018322059 2018388404 2021202600 2021266246	<u>A63B 21 /-</u>	2020208734 2020397901	2022202412
<u>A61L 24 /-</u>	<u>A61P 1 /-</u>		2021282825	<u>B01J 4 /-</u>	<u>B24B 47 /-</u>
2021385100	2016370590 2018206907 2018226867 2020345770 2021211451		<u>A63B 22 /-</u>	2018336080	2018265182 2022202412
<u>A61L 26 /-</u>		<u>A61P 39 /-</u>	2021282825	<u>B01L 3 /-</u>	<u>B24B 49 /-</u>
2018362602		2018321496 2018322059 2018388404 2021202600 2021266246	<u>A63B 23 /-</u>	2019293704 2019392932	2018265182
<u>A61L 27 /-</u>	<u>A61P 11 /-</u>	<u>A61P 43 /-</u>	<u>A63B 24 /-</u>	<u>B01L 9 /-</u>	<u>B24B 7 /-</u>
2021200873	2022201082	2018206907 2020305463	2023203050	2022202412	2022202412
<u>A61M 1 /-</u>	<u>A61P 15 /-</u>		<u>A63F 11 /-</u>	<u>B25B 13 /-</u>	<u>B25B 13 /-</u>
2018227413 2018285235	2022206738		2019219402	<u>B02C 25 /-</u>	2021254669
<u>A61M 11 /-</u>	<u>A61P 19 /-</u>	<u>A61P 5 /-</u>	<u>A63F 13 /-</u>	2021316898	<u>B25B 21 /-</u>
2021290442	2017350159 2018296476 2022202280	2018361566	2018383640	<u>B02C 4 /-</u>	2022203876
<u>A61M 13 /-</u>		<u>A61P 9 /-</u>	<u>A63H 33 /-</u>	2021316898	<u>B25B 23 /-</u>
2017371481		2017378029 2021211451 2022202884	2018216706	<u>B03D 1 /-</u>	2021254669
<u>A61M 15 /-</u>	<u>A61P 21 /-</u>		<u>B01D 15 /-</u>	2020289754	<u>B25B 25 /-</u>
2018207234 2021290442	2018277477	<u>A61Q 1 /-</u>	2018291023 2018304177	<u>B04C 11 /-</u>	2017441860
		2021214832	<u>B01D 21 /-</u>	2019235616 2019240176	<u>B25B 5 /-</u>
	<u>A61P 25 /-</u>	<u>A61Q 11 /-</u>	2019235616	<u>B04C 5 /-</u>	2022203876
	2017249813	2020258843 2020263240 2020337430 2020363397	<u>B01D 53 /-</u>	2019240176	<u>B25F 3 /-</u>
			2018247175 2022201729	<u>B05B 12 /-</u>	2021254669

Applications Accepted - IPC Index cont'd

<u>B25F 5 /-</u>	<u>B41F 9 /-</u>	<u>B62B 5 /-</u>	<u>B65B 53 /-</u>	<u>B65G 47 /-</u>	<u>C04B 18 /-</u>
2017441860	2018200634	2018227821	2017383135	2022202451	2021277587
<u>B25J 11 /-</u>	<u>B44D 3 /-</u>	<u>B62B 9 /-</u>	<u>B65B 57 /-</u>	<u>B65G 57 /-</u>	<u>C04B 24 /-</u>
2020268667	2020298074	2017352242	2019233761	2020393794	2021277587
<u>B25J 13 /-</u>	<u>B60B 35 /-</u>	<u>B62D 1 /-</u>	<u>B65B 59 /-</u>	<u>B65H 23 /-</u>	<u>C04B 26 /-</u>
2022201885	2023200135	2018213270	2019233761	2019475171	2021277587
<u>B25J 19 /-</u>	<u>B60J 11 /-</u>	<u>B62D 17 /-</u>	<u>B65B 61 /-</u>	<u>B66F 3 /-</u>	<u>C04B 35 /-</u>
2020268667 2020354044	2021212129	2023200135	2017383135	2017358322	2017355514
<u>B25J 9 /-</u>	<u>B60K 17 /-</u>	<u>B62D 5 /-</u>	<u>B65B 67 /-</u>	<u>B66F 5 /-</u>	<u>C04B 41 /-</u>
2020268667 2022201885	2017332673	2018213270	2019233761	2017358322	2020202744
<u>B26D 1 /-</u>	<u>B60K 37 /-</u>	<u>B62D 51 /-</u>	<u>B65D 21 /-</u>	<u>B66F 9 /-</u>	<u>C05B 11 /-</u>
2017372711	2020306840	2022200733 2022200736	2022319998	2020350944	2018374535
<u>B28B 11 /-</u>	<u>B60P 1 /-</u>	<u>B62D 55 /-</u>	<u>B65D 35 /-</u>	<u>B67C 3 /-</u>	<u>C05B 15 /-</u>
2021290246	2021204256	2022200733 2022200736	2017368329	2022202451	2018374535
<u>B29C 33 /-</u>	<u>B60P 7 /-</u>	<u>B63B 21 /-</u>	<u>B65D 47 /-</u>	<u>B82Y 30 /-</u>	<u>C05B 17 /-</u>
2018273990	2018307425	2022218586	2017368329 2018292473	2018335389	2018374535
<u>B29C 44 /-</u>	<u>B60R 13 /-</u>	<u>B63B 35 /-</u>	<u>B65D 49 /-</u>	<u>C01B 21 /-</u>	<u>C05D 9 /-</u>
2018315035	2021204256	2022218586	2018292473	2020208734	2018374535
<u>B29C 59 /-</u>	<u>B61D 27 /-</u>	<u>B64C 1 /-</u>	<u>B65D 5 /-</u>	<u>C01B 3 /-</u>	<u>C05G 3 /-</u>
2018273990	2020322927	2019257746	2017312544	2020397901 2021295971	2018374535
<u>B29C 65 /-</u>	<u>B61G 9 /-</u>	<u>B64C 29 /-</u>	<u>B65D 51 /-</u>	<u>C01B 32 /-</u>	<u>C07B 53 /-</u>
2018211893 2019392932	2021261776	2019257746	2018301184	2018247175 2020397901	2018340858
<u>B29C 70 /-</u>	<u>B61L 1 /-</u>	<u>B64C 39 /-</u>	<u>B65D 75 /-</u>	<u>C01D 15 /-</u>	<u>C07B 57 /-</u>
2018211893	2022246421 2022246422 2022246423 2022246424	2019257746	2018203071	2022256176	2018340858
<u>B32B 25 /-</u>	<u>B61L 21 /-</u>	<u>B64U 101 /-</u>	<u>B65D 81 /-</u>	<u>C01F 5 /-</u>	2019229778
2017404211	2022246421 2022246422 2022246423 2022246424	2018256549	2018301184 2020356475	2018247175	<u>C07C 229 /-</u>
<u>B32B 27 /-</u>	<u>B61L 23 /-</u>	<u>B65B 11 /-</u>	<u>B65D 83 /-</u>	<u>C02F 1 /-</u>	2021214832
2018315035 2022201577	2022246421 2022246422 2022246423 2022246424	2017383135	2018203071	2017291053 2017366732 2018336080 2020289754 2021232835 2021273567	<u>C07C 51 /-</u>
<u>B32B 37 /-</u>	<u>B61L 3 /-</u>	<u>B65B 25 /-</u>	<u>B65D 85 /-</u>	<u>C02F 11 /-</u>	2019229778
2022201577	2022246421 2022246422 2022246423 2022246424	2017383135	2021204474	2018241518 2021212014	<u>C07C 59 /-</u>
<u>B32B 5 /-</u>	<u>B65B 3 /-</u>	<u>B65B 3 /-</u>	<u>B65D 90 /-</u>	<u>C02F 3 /-</u>	2019229778
2018315035	2019233761	2019233761	2018256735	2018241518 2021212014	<u>C07D 213 /-</u>
<u>B32B 7 /-</u>	<u>B65B 41 /-</u>	<u>B65B 41 /-</u>	<u>B65G 1 /-</u>	<u>C02F 9 /-</u>	2018388404
2022201577	2022246421 2022246422 2022246423 2022246424	2017383135	2018371726 2021206859 2022201885	2018241518	<u>C07D 217 /-</u>
<u>B33Y 70 /-</u>	<u>B62B 3 /-</u>	<u>B65B 51 /-</u>	<u>B65G 15 /-</u>	<u>C02F 9 /-</u>	2022201709
2021318336	2018227821	2017383135	2017404211	2020289754	<u>C07D 235 /-</u>
					2022201082

Applications Accepted - IPC Index cont'd

<u>C07D 317 /-</u>	<u>C07D 513 /-</u>	<u>C08J 9 /-</u>	<u>C09K 21 /-</u>	<u>C12N 5 /-</u>	<u>C22C 1 /-</u>
2018382416	2018321496	2018335389	2021276081	2017296175	2021318336
<u>C07D 401 /-</u>	2018322059	<u>C08K 13 /-</u>	<u>C09K 3 /-</u>	2018281830	<u>C22C 14 /-</u>
2018388404	2018388404	2021276081	2020202744	2019334666	2021315417
2019262927	<u>C07H 1 /-</u>	<u>C08K 3 /-</u>	2022201199	2019411781	2021318336
2022201082	2018332214	<u>C08K 5 /-</u>	<u>C09K 5 /-</u>	<u>C12N 7 /-</u>	<u>C22C 29 /-</u>
<u>C07D 403 /-</u>	2022430003	2017404211	2018239960	2017363180	2020378914
2019262927	<u>C07H 15 /-</u>	2021276081	<u>C09K 8 /-</u>	<u>C12N 9 /-</u>	<u>C22C 33 /-</u>
2022201082	2021266246	2021277587	2022201199	2016370590	2020378914
<u>C07D 405 /-</u>	<u>C07H 19 /-</u>	<u>C08K 5 /-</u>	<u>C10B 57 /-</u>	2017309313	<u>C22C 38 /-</u>
2018388404	2018332214	2017428297	2020376541	2021231074	2020378914
2019262927	2022430003	2021276081	<u>C10J 3 /-</u>	<u>C12P 13 /-</u>	2021243639
<u>C07D 409 /-</u>	<u>C07H 21 /-</u>	<u>C08K 7 /-</u>	2021277587	2017309313	<u>C22F 1 /-</u>
2018388404	2017297624	2021277587	<u>C08L 23 /-</u>	<u>C12P 15 /-</u>	2021315417
<u>C07D 413 /-</u>	2018332214	<u>C08L 3 /-</u>	2018341803	2019229778	<u>C23G 1 /-</u>
2018388404	<u>C07K 1 /-</u>	2017428297	<u>C10L 1 /-</u>	<u>C12P 17 /-</u>	2022201199
2019262927	2016384285	<u>C08L 3 /-</u>	2018335769	2017309313	<u>C25B 1 /-</u>
<u>C07D 417 /-</u>	2021273538	2021385100	<u>C10L 10 /-</u>	<u>C12P 19 /-</u>	2022256176
2018388404	<u>C07K 14 /-</u>	<u>C08L 33 /-</u>	2018335769	2017363180	<u>D01F 6 /-</u>
2019262927	2018351873	2021277587	<u>C10L 3 /-</u>	2018253392	2018335389
<u>C07D 451 /-</u>	2019237215	<u>C08L 7 /-</u>	2022218512	2022430003	<u>D02G 3 /-</u>
2019262927	2019301699	2017404211	<u>C11D 1 /-</u>	<u>C12P 7 /-</u>	2021421795
<u>C07D 455 /-</u>	2020375167	<u>C08L 9 /-</u>	2021214832	2017309313	<u>D04H 1 /-</u>
2022203201	2021200438	2017404211	<u>C12M 1 /-</u>	<u>C12Q 1 /-</u>	2021363108
<u>C07D 471 /-</u>	2021211451	<u>C08L 97 /-</u>	2017291053	2017291053	<u>D06F 37 /-</u>
2018388404	2021232702	2021277587	<u>C12N 1 /-</u>	2017296175	2018250396
2019262927	2021254515	2021277587	2017367293	2017341084	<u>D06M 11 /-</u>
<u>C07D 487 /-</u>	2022203538	<u>C09D 127 /-</u>	2019301699	2017363146	2018335389
2019262927	<u>C07K 2 /-</u>	2018253510	2020375167	2017363180	<u>E01C 11 /-</u>
2020324949	2021203685	<u>C09D 13 /-</u>	2021202600	2018281830	2017360985
2021236570	<u>C07K 7 /-</u>	2020298074	2022202884	2019301959	<u>E01F 15 /-</u>
<u>C07D 491 /-</u>	2023237194	<u>C09D 183 /-</u>	<u>C12N 15 /-</u>	2020256435	2020403221
2018388404	<u>C07K 9 /-</u>	2021213777	2016370590	2021201594	<u>E01H 11 /-</u>
2021245263	2018271873	<u>C09D 4 /-</u>	2017286843	<u>C12R 1 /-</u>	2018258975
<u>C07D 493 /-</u>	<u>C08B 37 /-</u>	2021213777	2017297624	2017439156	<u>E02D 3 /-</u>
2018340858	2018253392	<u>C09D 5 /-</u>	2017363180	2018234953	2020380962
<u>C07D 495 /-</u>	2018371973	2021213777	2017369605	2020375167	<u>E02F 3 /-</u>
2018361566	<u>C08F 2 /-</u>	<u>C09D 7 /-</u>	2017385611	2021202600	2022202884
<u>C07D 498 /-</u>	2018297906	2021213777	2018234918	<u>C21D 6 /-</u>	2020378914
2018321496	<u>C08F 283 /-</u>	<u>C09J 123 /-</u>	2018291023	<u>C21D 9 /-</u>	<u>E01H 11 /-</u>
2018322059	2022203461	2017428297	2019255370	2021243639	2018258975
2018388404	<u>C08F 290 /-</u>	2021213777	2019301699	<u>C22B 3 /-</u>	<u>E02D 3 /-</u>
2022200513	2022203461	<u>C09J 123 /-</u>	2019301959	2018297906	2020380962
		2017428297	2019302604	<u>C22B 59 /-</u>	2020322791
			2020256435	2018297906	2022200733
			2020375167		2022200736
			2021202600		2022274080
			2021231074		
			2022430003		

Applications Accepted - IPC Index cont'd

<u>E02F 9/-</u>	2018223218	2017407332 2022211799	2017332673	2018296711 2018452619	<u>F25D 11/-</u>
2020261737 2020322791 2022200733 2022200736 2022274080	<u>E05B 63/-</u>	<u>E21B 44/-</u>	<u>F16K 1/-</u>	<u>F23D 23/-</u>	2021223034
	2018223215	2018223938	2017407332	2018452619	<u>F25D 19/-</u>
	<u>E05B 65/-</u>	<u>E21B 47/-</u>	<u>F16K 11/-</u>	<u>F23G 7/-</u>	2021240269
	2017272227	2018428849 2021296911	2018202300	2018207583	<u>F25D 21/-</u>
<u>E04B 1/-</u>	<u>E05C 1/-</u>	<u>E21B 7/-</u>	<u>F16K 31/-</u>	<u>F23J 15/-</u>	2018229958
2017360985 2020202744 2020233221 2020334937	2018223215	2018223938	2018202300	2018207583	<u>F25D 23/-</u>
	<u>E05C 3/-</u>	2018223938	<u>F16L 1/-</u>	<u>F23K 5/-</u>	2018229958 2021240269 2021246679 2021247214
<u>E04B 2/-</u>	2017272227	<u>E21D 21/-</u>	2018326739 2022211799	2018452619	
2020334937	<u>E05D 3/-</u>	2018265328	<u>F16L 11/-</u>	<u>F23L 7/-</u>	<u>F25D 25/-</u>
	2018292955	<u>E21D 9/-</u>	2017294292	2018229961	2022200426
<u>E04C 2/-</u>	<u>E05F 15/-</u>	2018223938	<u>F16L 15/-</u>	<u>F23N 1/-</u>	
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<u>E04F 21/-</u>	<u>E05F 5/-</u>	2018229961	<u>F16L 17/-</u>	<u>F23N 3/-</u>	2021212014
2017358322	2018292955	<u>F02C 9/-</u>	2018307817	2018229961	<u>F28C 1/-</u>
<u>E04G 11/-</u>	<u>E06B 9/-</u>	2018229961	<u>F16L 21/-</u>	2018229961	2018354028
2020233221	2018201593 2020346784	<u>F03B 13/-</u>	2018307817	<u>F23N 5/-</u>	<u>F28D 20/-</u>
	<u>E21B 17/-</u>	2022218586	2018307817	2018229961	2018239960
<u>E04G 17/-</u>	2017294292	<u>F03B 17/-</u>	<u>F16L 23/-</u>	<u>F24C 3/-</u>	<u>F28D 5/-</u>
2020233221	2018300987 2018315035 2018326739 2019394564 2021296911 2022203667	2022218586	2022211799	2018452619	2018354028
<u>E04H 12/-</u>	<u>F03D 13/-</u>	<u>F03D 13/-</u>	<u>F16L 3/-</u>	<u>F24D 19/-</u>	<u>F28F 27/-</u>
2021240314	2021240314 2022218586	2021240314 2022218586	2018315035	2022202178	2022204609
<u>E04H 15/-</u>	<u>F03D 7/-</u>	<u>F03D 7/-</u>	<u>F16L 33/-</u>	<u>F24D 3/-</u>	<u>F42B 1/-</u>
2017352242 2021212129	2020372284	2020372284	2018211893	2022202178	2018293145
<u>E04H 17/-</u>	<u>E21B 19/-</u>	<u>F03G 3/-</u>	<u>F16L 5/-</u>	<u>F24F 110/-</u>	<u>F42B 33/-</u>
2018202553	2021244291	2023233108	2018246335 2021276081	2018348163	2018293145
<u>E04H 6/-</u>	<u>E21B 23/-</u>	<u>F03G 7/-</u>	<u>F16L 55/-</u>	<u>F24F 5/-</u>	<u>G01B 11/-</u>
2021212129	2017407332 2021211401	2022218586 2023233108	2018211893	2018354028 2020322927	2018339011 2021240314
<u>E04H 9/-</u>	<u>E21B 29/-</u>	<u>F16C 11/-</u>	<u>F16L 59/-</u>	<u>F24H 4/-</u>	<u>G01B 7/-</u>
2020334937	2019322312	2018216706	2021240269	2020438844	2021240314
<u>E05B 15/-</u>	<u>E21B 33/-</u>	<u>F16D 1/-</u>	<u>F16M 11/-</u>	<u>F24H 9/-</u>	<u>G01B 9/-</u>
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<u>E05B 17/-</u>	<u>E21B 34/-</u>	<u>F16H 19/-</u>	<u>F17C 13/-</u>	<u>F25B 1/-</u>	<u>G01C 11/-</u>
2018223218 2018223219	2017407332	2022218586	2016277732	2019464673	2018360836 2022201237
<u>E05B 19/-</u>	<u>E21B 37/-</u>	<u>F16H 41/-</u>	<u>F17C 5/-</u>	<u>F25B 49/-</u>	<u>G01C 19/-</u>
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Applications Accepted - IPC Index cont'd

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2021266313	G01M 7 /-	G01S 5 /-	G05D 3 /-	G06F 9 /-	G06V 20 /-	2017363146
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Applications Accepted - IPC Index cont'd

H01H 33 /-	2021240321 2022200281	H04L 1 /-	H04W 28 /-
2020440805	H02K 3 /-	2020276805	2022211807
H01H 9 /-	2021240321	H04L 12 /-	H04W 4 /-
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H01J 49 /-	2022200281	H04L 27 /-	H04W 48 /-
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H01L 29 /-	2020380962 2022218586	H04L 41 /-	H04W 52 /-
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H01M 12 /-	2019409870	H04L 65 /-	H04W 74 /-
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H01M 50 /-	2020380962	H04M 3 /-	H05B 1 /-
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H01Q 25 /-	2022200175	H04N 21 /-	H05B 6 /-
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H01R 4 /-	2022241538	H04N 5 /-	H05K 1 /-
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H02J 1 /-	2022228113	H04N 7 /-	H05K 7 /-
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H02J 13 /-	2021254857 2022228113	H04N 23 /-	H05K 9 /-
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H02K 11 /-	2018331388	H04Q 1 /-	
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		2023203239	
		H04W 16 /-	
		2022200721	

Certified Innovation Patents**Name Index**

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

-
- (71) CPR Group Australia Pty Ltd
(11) AU-B-2020100560
(21) 2020100560 (22) 14.04.2020
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E04G 21/32 (2006.01)
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A62B 1/06 (2006.01)
B66F 11/04 (2006.01)
B66F 17/00 (2006.01)
E04G 3/28 (2006.01)
E04G 3/30 (2006.01)
E04G 5/00 (2006.01)
(31) 2019901253 (32) 11.04.19 (33) AU
(45) 02.11.2023
(72) Smith, Mark Nicholas; Raminez, Francisco
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

Numerical Index

2020100560 CPR Group Australia Pty Ltd

IPC Index

A47L 3 /-

2020100560

A62B 1 /-

2020100560

B66F 11 /-

2020100560

B66F 17 /-

2020100560

E04G 21 /-

2020100560

E04G 3 /-

2020100560

E04G 5 /-

2020100560

Patents Granted

Standard Patents

2016268249	2016306209	2016311454	2016323968
2016339832	2016341533	2016348342	2016349876
2016357478	2016402370	2017200007	2017200164
2017204749	2017204821	2017208302	2017216230
2017216543	2017258982	2017261371	2017262776
2017268397	2017271409	2017273542	2017276369
2017278022	2017291242	2017295262	2017295610
2017301763	2017304182	2017307455	2017310264
2017315396	2017317646	2017318907	2017326244
2017328245	2017328903	2017332866	2017332870
2017335991	2017336088	2017342273	2017343886
2017344056	2017345165	2017349597	2017350476
2017352056	2017359336	2017361422	2017363168
2017363283	2017364899	2017369457	2017371226
2017371808	2017373508	2017374654	2017375228
2017375560	2017376239	2017379549	2017379879
2017382984	2017384617	2017387549	2017401891
2017413260	2017414006	2017425665	2017441820
2018200296	2018200837	2018202602	2018207325
2018217038	2018217746	2018218341	2018223979
2018225113	2018225165	2018225550	2018228336
2018228389	2018232163	2018233047	2018238289
2018238411	2018239360	2018240188	2018240522
2018243583	2018247009	2018247080	2018248792
2018249339	2018251996	2018255296	2018255376
2018256273	2018260402	2018261030	2018262117
2018262633	2018264743	2018265388	2018272753
2018275337	2018277043	2018279247	2018279856
2018279862	2018280071	2018280143	2018280743
2018282253	2018285972	2018287868	2018290182
2018290375	2018291097	2018293918	2018297022
2018297890	2018298893	2018300886	2018304314
2018304585	2018320413	2018321152	2018329866
2018330178	2018335602	2018337036	2018344739
2018346414	2018347782	2018348767	2018351078
2018351514	2018353107	2018361801	2018369909
2018388406	2018391811	2018398889	2018413296
2018420069	2018446680	2018451723	2019201203
2019204039	2019212648	2019226715	2019237344
2019237516	2019242740	2019247412	2019247481
2019252255	2019262979	2019264788	2019269650
2019271148	2019279165	2019284796	2019291111
2019302660	2019304569	2019326055	2019335381
2019352739	2019355737	2019356410	2019362347
2019372032	2019380566	2019383290	2019385776
2019393838	2019409777	2019414140	2019423410
2019440651	2019445332	2019446426	2019456345
2019466288	2019466972	2019478068	2020202599
2020203247	2020203710	2020205593	2020210213
2020211948	2020213494	2020217312	2020221863
2020224067	2020225578	2020226900	2020228523
2020240750	2020242588	2020247061	2020247386
2020248015	2020248784	2020250958	2020260070
2020260485	2020260919	2020261933	2020261982
2020263769	2020264200	2020264654	2020272667
2020272668	2020275280	2020275407	2020277091
2020277266	2020277632	2020278972	2020280352
2020281619	2020283531	2020285268	2020295793
2020305669	2020313507	2020313970	2020314729
2020317659	2020320437	2020328581	2020331609
2020332295	2020332948	2020334051	2020342202
2020346264	2020354252	2020354896	2020357755
2020357863	2020372446	2020374665	2020376577
2020379794	2020382214	2020392702	2020395393
2020397222	2020406176	2020406229	2020408143
2020414216	2020417822	2020418324	2020418611
2020431621	2020434239	2020439978	2020441878

Patents Granted

Standard Patents

2020450961	2020461527	2020471265	2021200570
2021201034	2021202174	2021202228	2021202229
2021202545	2021202574	2021202732	2021202802
2021202894	2021203087	2021203538	2021203777
2021203824	2021203895	2021204032	2021204327
2021204344	2021204496	2021204547	2021204549
2021204636	2021204696	2021204714	2021206865
2021209866	2021212123	2021213752	2021215126
2021215198	2021215252	2021216172	2021218139
2021218151	2021225182	2021225242	2021229178
2021229414	2021229907	2021232719	2021232798
2021240202	2021240291	2021250913	2021254511
2021254530	2021256162	2021257945	2021257968
2021258018	2021258038	2021258075	2021258078
2021259286	2021261871	2021265724	2021269272
2021269354	2021269388	2021273802	2021278156
2021286340	2021286440	2021288365	2021290275
2021290297	2021302892	2021309929	2021320083
2021327071	2021333331	2021341625	2021368016
2021376534	2021388402	2021399883	2021401999
2021403892	2021404126	2022200292	2022200317
2022200344	2022200478	2022200778	2022201214
2022201257	2022201565	2022201697	2022201853
2022201925	2022202065	2022202231	2022202244
2022202447	2022202548	2022203008	2022203015
2022203294	2022203400	2022203434	2022203508
2022203658	2022203659	2022203856	2022203927
2022204195	2022204233	2022204388	2022204448
2022235545	2022252823	2022259766	2022374189
2023200928	2023201323	2023201783	2023202476
2023203182			

Innovation Patents

2017101944	2019101849	2020104495	2021107682
2021107684	2023100082	2023100085	2023100086
2023100088			

Assignments Registered

2004289864	Cameron Systems (Ireland) Limited	The patent has been assigned to OneSubsea IP UK Limited
2005216412	Cameron Systems (Ireland) Limited	The patent has been assigned to OneSubsea IP UK Limited
2006214437	Archemix LLC	The patent has been assigned to IVER-IC bio., Inc.
2006282783	Regents of The University of Minnesota	The patent has been assigned to Miromatrix Medical Inc.
2007223796	Archemix LLC	The patent has been assigned to IVER-IC bio., Inc.
2007272241	Encycle Corporation	The patent has been assigned to Encycle Technologies, Inc.
2009216682	Xolution GmbH	The patent has been assigned to Xolution Technology GmbH
2010236855	Regents of the University of Minnesota	The patent has been assigned to Miromatrix Medical Inc.
2010246489	Wilson, Ian	The patent has been assigned to MPL Home Limited
2011200165	Cameron Systems (Ireland) Limited	The patent has been assigned to OneSubsea IP UK Limited

Assignments Registered

- 2011207304 Covestro (Netherlands) B.V. The patent has been assigned to **Strataysys, Inc.**
- 2011357585 Encycle Corporation The patent has been assigned to **Encycle Technologies, Inc.**
- 2012203954 Encycle Corporation The patent has been assigned to **Encycle Technologies, Inc.**
- 2012238329 Cameron Systems (Ireland) Limited The patent has been assigned to **OneSubsea IP UK Limited**
- 2013203759 Acteuro Limited The patent has been assigned to **Advanced Chain Technologies (A.C.T.) Pty Ltd**
- 2013209303 Dongkuk Steel Mill Co., Ltd. The patent has been assigned to **Dongkuk Coated Metal Co., Ltd.**
- 2013224686 Regents of the University of Minnesota The patent has been assigned to **Miromatrix Medical Inc.**
- 2013252495 Shandong Xinchuang Biotechnology Co., Ltd. The patent has been assigned to **Shihuida Pharmaceutical Group (Jilin) Co., Ltd.**
- 2015207962 Dongkuk Steel Mill Co., Ltd. The patent has been assigned to **Dongkuk Coated Metal Co., Ltd.**
- 2015249674 Vertigo Media, Inc. The patent has been assigned to **SGPH, LLC**
- 2015315287 Growlerwerks, Inc. The patent has been assigned to **PerfectWerks Solutions Inc.**
- 2016204713 Archemix LLC The patent has been assigned to **IVER-IC bio., Inc.**
- 2016361255 Free Form Factory Inc. The patent has been assigned to **Ember Motors, Inc.**
- 2017252566 Vertigo Media, Inc. The patent has been assigned to **SGPH, LLC**
- 2017272168 Regents of the University of Minnesota The patent has been assigned to **Miromatrix Medical Inc.**
- 2019203053 Vertigo Media, Inc. The patent has been assigned to **SGPH, LLC**
- 2019229430 Vertigo Media, Inc. The patent has been assigned to **SGPH, LLC**
- 2020104179 Korda, Jason The patent has been assigned to **ROBO WAY PTY LTD**
- 2020201626 GrowlerWerks, Inc. The patent has been assigned to **PerfectWerks Solutions Inc.**
- 2021203425 Vertigo Media, Inc. The patent has been assigned to **SGPH, LLC**
- 2021203432 Vertigo Media, Inc. The patent has been assigned to **SGPH, LLC**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

- 2006220829 **Pfizer Products Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The earliest first regulatory approval date provided by the patentee 23 Jun 2023

For the goods IMJUDO tremelimumab

- 2012200203 **Pfizer Products Inc.**

The earliest first regulatory approval date provided by the patentee 23 Jun 2023

For the goods IMJUDO tremelimumab

- 2014240252 **Pfizer Products Inc**

The earliest first regulatory approval date provided by the patentee 23 Jun 2023

For the goods IMJUDO tremelimumab

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.

- 2011203119 **Ono Pharmaceutical Co., Ltd.; E. R. Squibb & Sons, L.L.C.**

The earliest first regulatory approval date provided by the patentee 16 Apr 2015

For the goods KEYTRUDA pembrolizumab

Address for service : MINTER ELLISON Collins Arch 447 Collins St Melbourne VIC 3000 AU

- 2013211436 **Les Laboratoires Servier**

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

For the goods TIBSOVO ivosidenib

Address for service : ALLENS PATENT & TRADE MARK ATTORNEYS Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

- 2016348402 **Blueprint Medicines Corporation**

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

For the goods GAVRETO pralsetinib

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

- 2019246824 **Les Laboratoires Servier**

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

For the goods TIBSOVO ivosidenib

Address for service : ALLENS PATENT & TRADE MARK ATTORNEYS Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

- 2019283951 **Les Laboratoires Servier**

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

For the goods TIBSOVO ivosidenib

Address for service : ALLENS PATENT & TRADE MARK ATTORNEYS Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

Extensions granted

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

2008249772 **Richter Gedeon Nyrt.**

The earliest first regulatory approval date provided by the patentee 18 Nov 2020

For the goods REAGILA cariprazine

Extension of Term of patent pursuant to Section 77 expires on 13 May 2033

2012326370 **Celator Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 03 Jun 2022

For the goods VYXEOS daunorubicin and cytarabine

Extension of Term of patent pursuant to Section 77 expires on 03 Jun 2037

2013341186 **Bristol-Myers Squibb Company**

The earliest first regulatory approval date provided by the patentee 01 Dec 2022

For the goods SOTYKTU deucravacitinib

Extension of Term of patent pursuant to Section 77 expires on 01 Dec 2037

2017201076 **BRISTOL-MYERS SQUIBB COMPANY**

The earliest first regulatory approval date provided by the patentee 01 Dec 2022

For the goods SOTYKTU deucravacitinib

Extension of Term of patent pursuant to Section 77 expires on 01 Dec 2037

2018202441 **Karyopharm Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 08 Mar 2022

For the goods XPOVIO selinexor

Extension of Term of patent pursuant to Section 77 expires on 08 Mar 2037

2019204803 **BRISTOL-MYERS SQUIBB COMPANY**

The earliest first regulatory approval date provided by the patentee 07 Oct 2022

For the goods OPDUALAG nivolumab

Extension of Term of patent pursuant to Section 77 expires on 07 Oct 2037

Corrigenda

In Vol 57 , No 37 , Page(s) 5301 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2023** Delete all reference to 2023203973.

Specifications Republished

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

2020275407 **PPG Industries Ohio, Inc.**

Specifications Republished

2021395887	AUSNUTRIA B.V.
2021439258	CREATIVE BIOTHERAPEUTICS, LLC
2021443863	F. HOFFMANN-LA ROCHE AG
2021447478	BEJO ZADEN B.V.
2022232007	JANSSEN BIOTECH, INC.
2022232856	CHUGAI SEIYAKU KABUSHIKI KAISHA; F. HOFFMANN-LA ROCHE AG
2022233792	JANSSEN BIOTECH, INC.
2022233979	JANSSEN BIOTECH, INC.
2022257733	SUNTORY HOLDINGS LIMITED
2022263641	SOLAR FOODS OY