



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	6456
Amendments Made	6456
Alteration of Name(s) of Applicant(s)/Patentee(s)	6458

Applications Accepted

Name Index	6538
Numerical Index	6601
IPC Index	6607

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	6451
---	------

Applications Open to Public Inspection

Name Index	6460
Numerical Index	6476
IPC Index	6478

Assignments before Grant, Section 113	6453
---	------

Assignments Registered	6616
------------------------------	------

Complete Applications Filed

Name Index	6442
Numerical Index	6449

Corrigenda	6619
------------------	------

Extensions of Term of Standard Patents	6619
--	------

Extensions of Time, Section 223	6455
---------------------------------------	------

PCT applications which have entered the National Phase

Name Index	6481
Numerical Index	6526

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS

14 November 2024

IPC Index	6530
 Patents Granted	6616
 Opposition Proceedings	6616
 Provisional Applications Filed	
Name Index	6437
Numerical Index	6441
 Revocation	6616
 Specifications Republished	6619

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

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Freedom of Information ACT

Professional Standards Board

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.
- (4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:
- 1987-2022 Volume 1 - 36
 - 2023 - Volume 57 -

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 29 Oct 2024 .

Akhoundi, H. see Alavi, A. (21) 2024903560	(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2024903558 (22) 01.11.2024 (54) Mineral-based composites for integrated solid-state storage of hydrogen and sequestration of CO ₂ gas	Cameron, R. see Berry, D. (21) 2024903567
Alavi, A. see Alavi, A. (21) 2024903560	(71) Auret, D. (21) 2024903606 (22) 05.11.2024 (54) Able 1 Heat Motor	CAMPBELL MCNICOLL see ISABELA ALVES DE CASTRO (21) 2024903549
(71) Alavi, A.; Alavi, A.; Akhoundi, H. (21) 2024903560 (22) 01.11.2024 (54) Safe Skin Care Composition to Moisturizing and Reducing Aging Signs in the Face, and around the eye area	(71) BAYER, M. (21) 2024903539 (22) 30.10.2024 (54) SUPPORT ACCESSORIES	CAMPBELL MCNICOLL see ISABELA ALVES DE CASTRO (21) 2024903550
(71) Albatross O2 Technologies Pty Ltd (21) 2024903592 (22) 04.11.2024 (54) SOFT-SHELL PROTECTIVE HEADGEAR, INCLUDING FOR SPORTING USE, AND MANUFACTURE THEREOF	Berry, D. see Cameron, R. (21) 2024903565	(71) Cellumar Biotech Pty Ltd; Flinders University (21) 2024903598 (22) 04.11.2024 (54) METHODS AND COMPOSITIONS FOR TREATING SKIN
(71) Aly, W. (21) 2024903607 (22) 05.11.2024 (54) Augmented Laryngeal Oxygenation (ALO) Device	(71) Berry, D.; McLellan, R.; Cameron, R.; Parker, E. (21) 2024903567 (22) 01.11.2024 (54) Heterologous biosynthesis of indole diterpenes	(71) Chen, J. (21) 2024903582 (22) 03.11.2024 (54) QUICK RELEASE MODULAR BELT BUCKLE SYSTEM
(71) Andromeda IP Pty Ltd (21) 2024903577 (22) 01.11.2024 (54) MATERIALS FOR CARBON DIOXIDE AND/OR CARBON MONOXIDE CONVERSION	(71) BILLI R&D PTY LTD (21) 2024903524 (22) 30.10.2024 (54) SLENDER SPOUT FOR A MULTI-FUNCTION FLUID DISPENSER	(71) Children's Medical Research Institute (21) 2024903540 (22) 31.10.2024 (54) Treatment methods for inherited retinal diseases
(71) Anthony Innovations Pty Ltd (21) 2024903532 (22) 30.10.2024 (54) IMPROVEMENTS IN ROLLER CARRIAGES	(71) Bisalloy Steels Pty Limited (21) 2024903516 (22) 29.10.2024 (54) WEAR SENSOR	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903515 (22) 29.10.2024 (54) A multi-resolution optical filter
(71) Aptium.Ai Pty Ltd (21) 2024903570 (22) 01.11.2024 (54) Method & System for Designing an Orthosis or Patient-Matched Medical Device	(71) Boatang (21) 2024903578 (22) 01.11.2024 (54) Portable marine and land shelter	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903548 (22) 31.10.2024 (54) Methods and compositions for the biological control of plant pathogens
	(71) Cameron, R.; Richardson, A.; Stevenson, L.; Berry, D.; McLellan, R.; Parker, E. (21) 2024903565 (22) 01.11.2024 (54) Heterologous biosynthesis	

Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024903568 (22) 01.11.2024
(54) IMPROVED FUEL AND ELECTROLYS-ER CELL ASSEMBLIES

(71) CONTAINER ROTATION SYSTEMS PTY LTD
(21) 2024903531 (22) 30.10.2024
(54) A CONTAINER FOR USE IN HAND-LING BULK MATERIALS

(71) CostaExchange Pty Ltd
(21) 2024903518 (22) 29.10.2024
(54) Self-driving vehicle for facilitating fruit harvesting

(71) Cox, D.
(21) 2024903530 (22) 30.10.2024
(54) A device to aid in the enforcement of bicycle speeds and prohibited riding areas using satellite positioning data

(71) DataDot Technology Limited
(21) 2024903554 (22) 31.10.2024
(54) Microdot Applicator

(71) DataDot Technology Limited
(21) 2024903555 (22) 31.10.2024
(54) Microdot Application and Authentication System

(71) Dawson, H.
(21) 2024903580 (22) 02.11.2024
(54) Creation and dissemination of satire media in relation to all agriculture industries.

(71) Dunlop, R.
(21) 2024903563 (22) 01.11.2024
(54) A Reinforcing Member

(71) Dunlop, C.
(21) 2024903614 (22) 05.11.2024
(54) A VETERINARY IV SET SYSTEM AND METHOD OF CONSERVING IV FLUID

DYLAN GIFFORD see ISABELA ALVES DE CASTRO
(21) 2024903549

DYLAN GIFFORD see ISABELA ALVES DE CASTRO
(21) 2024903550

(71) Edith Cowan University
(21) 2024903521 (22) 29.10.2024
(54) Lithium Extraction Process and Systems

(71) ELKINGTON, G.W.
(21) 2024903602 (22) 04.11.2024
(54) CLOSURE DEVICE

(71) Enteq Solutions Pty Ltd
(21) 2024903586 (22) 04.11.2024
(54) Portable computer docking station arrangement

(71) FCI Holdings Delaware, Inc.
(21) 2024903593 (22) 04.11.2024
(54) Rock bolt

(71) Finley, P.
(21) 2024903559 (22) 01.11.2024
(54) Apparatus and Method for the Temporary filling of a Void around a Rod during Concreting

Flinders University see Cellumar Biotech Pty Ltd
(21) 2024903598

(71) Footwear Industries Pty Ltd
(21) 2024903514 (22) 29.10.2024
(54) Footbed and footwear system

(71) Gertrude Biomedical Pty Ltd
(21) 2024903551 (22) 31.10.2024
(54) Compounds

(71) Global Boss International Pty Ltd
(21) 2024903595 (22) 04.11.2024
(54) Apparatus/process for producing liquid fertiliser

(71) Hardie, N.
(21) 2024903609 (22) 05.11.2024
(54) A Method and Apparatus for Teaching Reading Phonics

(71) Helmer, R.
(21) 2024903604 (22) 04.11.2024
(54) DETECTION DEVICE, PERCUSSION INSTRUMENT AND A METHOD

(71) Henry, A.
(21) 2024903534 (22) 30.10.2024
(54) Upcycled tyre pipe or hose and method of production

(71) Holmes, D.
(21) 2024903605 (22) 04.11.2024
(54) A System and Method for Optimized Delivery Services Utilizing Existing Commuter Route

Houlton, B. see ZINCOVERY PROCESS TECHNOLOGIES LIMITED
(21) 2024903553

(71) Huang, D.
(21) 2024903617 (22) 05.11.2024
(54) Automatic Shelf Filling and Pick System

(71) Imdex Technologies Pty Ltd
(21) 2024903543 (22) 31.10.2024
(54) Borehole orientation measurement apparatus and methods

(71) Implicit Bioscience Ltd
(21) 2024903589 (22) 04.11.2024
(54) METHODS AND AGENTS FOR TREATING BLOOD FLOW DIS-ORDERS

(71) I Pee Co Pty Ltd
(21) 2024903552 (22) 31.10.2024
(54) A holder, system and method

(71) ISABELA ALVES DE CASTRO; CAMP-BELL MCNICOLL; DYLAN GIFFORD
(21) 2024903549 (22) 31.10.2024
(54) PROCESS AND SYSTEM

(71) ISABELA ALVES DE CASTRO; CAMP-BELL MCNICOLL; DYLAN GIFFORD
(21) 2024903550 (22) 31.10.2024
(54) PROCESS AND SYSTEM

(71) Jansen, A.
(21) 2024903581 (22) 02.11.2024
(54) Damage prevention patch for clothing

(71) JD Sanmed Medical Technology Pty Ltd
(21) 2024903523 (22) 30.10.2024
(54) AN OPTICAL SYSTEM AND OPTICAL ADAPTER FOR CLINICAL INSPECTION

(71) Jet Tech Products Pty Ltd
(21) 2024903590 (22) 04.11.2024
(54) Debris Removal Tool

Jonlo Engineering Pty Ltd see Peake, S.
(21) 2024903583

(71) King Furniture Australia Pty Ltd
(21) 2024903601 (22) 04.11.2024
(54) Sofa bed

Landon-Lane, L. see ZINCOVERY PROCESS TECHNOLOGIES LIMITED
(21) 2024903553

Provisional Applications Filed - Name Index cont'd

(71) LAWSON, F.
(21) 2024903584 (22) 04.11.2024
(54) Otto Bin App Service

(71) Lee, W.
(21) 2024903545 (22) 31.10.2024
(54) A personalised voltage applicator for disease prevention

(71) Lewis Australia Pty Ltd
(21) 2024903575 (22) 01.11.2024
(54) AN AUTOMATIC SELF-CLEANING COOLING ELEMENT FOR FLASH SMELTING FURNACES (FSF)

(71) LO AND HO PTY LTD
(21) 2024903525 (22) 30.10.2024
(54) DUAL INSULATED LIQUID-COOLED BATTERY MODULE

(71) Marjanovic Family Trust
(21) 2024903512 (22) 29.10.2024
(54) Hair Growth Serum - Sensitive (Natures Ease Hair Growth Serum)

Marshall, A. see ZINCOVERY PROCESS TECHNOLOGIES LIMITED
(21) 2024903553

(71) McGowan, M.; Sampson, M.
(21) 2024903615 (22) 05.11.2024
(54) Potential Energy Storage and Electrical Energy Generation System

McLellan, R. see Cameron, R.
(21) 2024903565

McLellan, R. see Berry, D.
(21) 2024903567

(71) Mindspark Technologies Pty Ltd
(21) 2024903608 (22) 05.11.2024
(54) IMPROVED ROCK MOVEMENT SENSOR

(71) Monash University
(21) 2024903537 (22) 30.10.2024
(54) Aggregating agents

(71) Monty Property Ventures Pty Ltd
(21) 2024903585 (22) 04.11.2024
(54) Wet Area Floor Arrangement & Method

(71) Morgan, S.
(21) 2024903603 (22) 04.11.2024
(54) Toilet Paper Wetting System

(71) Morrish, E.
(21) 2024903612 (22) 05.11.2024
(54) Dynamic Low-Pressure Corridor Generation System for Enhanced Aerodynamic Efficiency

(71) Mrkonjic, M.
(21) 2024903591 (22) 04.11.2024
(54) Fastener

(71) NewSouth Innovations Pty Limited
(21) 2024903541 (22) 31.10.2024
(54) Cooling Materials

(71) Nextracker LLC
(21) 2024903527 (22) 30.10.2024
(54) Spoil-locking coupler system

(71) Nextracker LLC
(21) 2024903528 (22) 30.10.2024
(54) Twist-locking coupler system

(71) NYASULU, G.
(21) 2024903544 (22) 31.10.2024
(54) ESSENTIAL OIL COMPOSITION AS ANTI-VIRAL AGENT FOR TREATMENT OF RESPIRATORY DISEASE

(71) O'Reilly, R.
(21) 2024903594 (22) 04.11.2024
(54) Triphibious Hybrid Ground-Effect Machine

Pact Renewables Pty Ltd see Arakel, A.
(21) 2024903558

(71) Pagden, L.
(21) 2024903557 (22) 01.11.2024
(54) Antiviral livestock laminar air distribution system

Parker, E. see Cameron, R.
(21) 2024903565

Parker, E. see Berry, D.
(21) 2024903567

(71) Peake, S.; Jonlo Engineering Pty Ltd
(21) 2024903583 (22) 04.11.2024
(54) Method for Extracting Potassium Compounds from a Renewable Source plus Utilizing a Sustainable Fly Ash as a Cement Substitute in Industrial Applications

(71) Pickle Finance Group P/L
(21) 2024903587 (22) 04.11.2024
(54) Caveat-Driven Credit Assessment System

(71) Pring, G.
(21) 2024903566 (22) 01.11.2024
(54) Adjustable bracket, method and assembly

(71) ProFlow Industrial Pty Ltd
(21) 2024903542 (22) 31.10.2024
(54) GAS BYPASS APPARATUS

(71) Quantum Brilliance Pty Ltd
(21) 2024903561 (22) 01.11.2024
(54) Hybrid quantum-classical scheduler

(71) Ramage, D.
(21) 2024903529 (22) 30.10.2024
(54) Fridge Side self retracting 12v cord

(71) RedOwl Pty Ltd
(21) 2024903546 (22) 31.10.2024
(54) Transaction Intelligence

(71) Reilly, K.
(21) 2024903564 (22) 01.11.2024
(54) Vehicular Rack System

(71) ResMed Pty Ltd
(21) 2024903571 (22) 01.11.2024
(54) NEUROSTIMULATION SYSTEM AND METHOD

(71) ResMed Pty Ltd
(21) 2024903573 (22) 01.11.2024
(54) INTEGRATION OF WEARABLE HEALTH TRACKING DATA WITH SLEEP THERAPY DEVICES AND RELATED METHODS

(71) ResMed Pty Ltd
(21) 2024903574 (22) 01.11.2024
(54) A USER INTERFACE

Richardson, A. see Cameron, R.
(21) 2024903565

(71) Rokai Pty Ltd
(21) 2024903597 (22) 04.11.2024
(54) A STRUCTURAL BUILDING MEMBER, AND METHOD OF USE FOR CONSTRUCTION PURPOSES

(71) Ruthrof, K.
(21) 2024903572 (22) 01.11.2024
(54) Piggyback Sprinkler Connector

Provisional Applications Filed - Name Index cont'd

(71) Saluda Medical Pty Limited
(21) 2024903533 (22) 30.10.2024
(54) Assisted programming system for neural stimulation therapy

Sampson, M. see McGowan, M.
(21) 2024903615

(71) Shaikh, M.
(21) 2024903579 (22) 01.11.2024
(54) Arabic keyboard layout based on English keyboard layout

(71) Signature Scent AI
(21) 2024903547 (22) 31.10.2024
(54) DISPENSER SYSTEM FOR CUSTOMISED PERFUME BLENDING

(71) SKELLERUP INDUSTRIES LIMITED
(21) 2024903599 (22) 04.11.2024
(54) ARTIFICIAL TEAT FOR FEEDING ANIMALS

Smith, J.M. see Smith, D.V.
(21) 2024903610

(71) Smith, D.V.; Smith, J.M.; Young, J.W.K.
(21) 2024903610 (22) 05.11.2024
(54) Recovery of metal from sulphide bearing materials with production of water soluble sulphides

(71) Southern Wire Pty Ltd
(21) 2024903611 (22) 05.11.2024
(54) Gate Hinge

(71) Stebbs Mining Services Pty Ltd
(21) 2024903535 (22) 30.10.2024
(54) GAS BYPASS APPARATUS

Stevenson, L. see Cameron, R.
(21) 2024903565

(71) Stewart, T.
(21) 2024903569 (22) 01.11.2024
(54) ANTI FLOAT BOUNCE DEVICE

(71) STIM. PTY LTD
(21) 2024903538 (22) 30.10.2024
(54) HEADGEAR

(71) Tekt Industries Pty Ltd
(21) 2024903556 (22) 31.10.2024
(54) Messaging Systems, Devices and Methods For Permissions to Code During Charging

(71) THE WATER AND CARBON GROUP
IP PTY LTD
(21) 2024903519 (22) 29.10.2024
(54) Additive in water treatment

(71) THREE POINTS TECHNOLOGY PTY LTD
(21) 2024903588 (22) 04.11.2024
(54) A DEVICE FOR MONITORING THE EMISSION FROM A HIGH POINT VENT ON A WATER PIPING SYSTEM

(71) Tong, E.
(21) 2024903536 (22) 30.10.2024
(54) Single port mesh delivery system for ventral abdominal wall hernias

(71) University of Tasmania
(21) 2024903576 (22) 01.11.2024
(54) Plant monitoring methods and uses thereof

(71) VAICO GLOBAL LIMITED
(21) 2024903600 (22) 04.11.2024
(54) A SUPPORT SYSTEM AND COMPONENTS THEREOF

(71) Von Pace Wholesale Pty Ltd
(21) 2024903596 (22) 04.11.2024
(54) HEAVY-VEHICLE MUD FLAP

(71) wardle, j.
(21) 2024903562 (22) 01.11.2024
(54) Adaptive Multi-Layer Symbolic Recognition System

(71) WEIR SLURRY GROUP, INC
(21) 2024903526 (22) 30.10.2024
(54) CENTRIFUGAL SLURRY PUMP IMPELLER

Young, J.W.K. see Smith, D.V.
(21) 2024903610

(71) ZINCOVERY PROCESS TECHNOLOGIES LIMITED; Houlton, B.; Landon-Lane, L.; Marshall, A.
(21) 2024903553 (22) 31.10.2024
(54) Method for Processing Materials Containing Iron and Zinc

Numerical Index

2024903512	Marjanovic Family Trust	2024903577	Andromeda IP Pty Ltd
2024903514	Footwear Industries Pty Ltd	2024903578	Boatang
2024903515	Commonwealth Scientific and Industrial Research Organisation	2024903579	Shaikh, M.
2024903516	Bisalloy Steels Pty Limited	2024903580	Dawson, H.
2024903518	CostaExchange Pty Ltd	2024903581	Jansen, A.
2024903519	THE WATER AND CARBON GROUP IP PTY LTD	2024903582	Chen, J.
2024903521	Edith Cowan University	2024903583	Peake, S.; Jonlo Engineering Pty Ltd
2024903523	JD Sanmed Medical Technology Pty Ltd	2024903584	LAWSON, F.
2024903524	BILLI R&D PTY LTD	2024903585	Monty Property Ventures Pty Ltd
2024903525	LO AND HO PTY LTD	2024903586	Enteq Solutions Pty Ltd
2024903526	WEIR SLURRY GROUP, INC	2024903587	Pickle Finance Group P/L
2024903527	Nextracker LLC	2024903588	THREE POINTS TECHNOLOGY PTY LTD
2024903528	Nextracker LLC	2024903589	Implicit Bioscience Ltd
2024903529	Ramage, D.	2024903590	Jet Tech Products Pty Ltd
2024903530	Cox, D.	2024903591	Mrkonjic, M.
2024903531	CONTAINER ROTATION SYSTEMS PTY LTD	2024903592	Albatross O2 Technologies Pty Ltd
2024903532	Anthony Innovations Pty Ltd	2024903593	FCI Holdings Delaware, Inc.
2024903533	Saluda Medical Pty Limited	2024903594	O'Reilly, R.
2024903534	Henry, A.	2024903595	Global Boss International Pty Ltd
2024903535	Stebbs Mining Services Pty Ltd	2024903596	Von Pace Wholesale Pty Ltd
2024903536	Tong, E.	2024903597	Rokai Pty Ltd
2024903537	Monash University	2024903598	Cellumar Biotech Pty Ltd; Flinders University
2024903538	STIM. PTY LTD	2024903599	SKELLERUP INDUSTRIES LIMITED
2024903539	BAYER, M.	2024903600	VAICO GLOBAL LIMITED
2024903540	Children's Medical Research Institute	2024903601	King Furniture Australia Pty Ltd
2024903541	NewSouth Innovations Pty Limited	2024903602	ELKINGTON, G.W.
2024903542	ProFlow Industrial Pty Ltd	2024903603	Morgan, S.
2024903543	Imdex Technologies Pty Ltd	2024903604	Helmer, R.
2024903544	NYASULU, G.	2024903605	Holmes, D.
2024903545	Lee, W.	2024903606	Auret, D.
2024903546	RedOwl Pty Ltd	2024903607	Aly, W.
2024903547	Signature Scent AI	2024903608	Mindspark Technologies Pty Ltd
2024903548	Commonwealth Scientific and Industrial Research Organisation	2024903609	Hardie, N.
2024903549	ISABELA ALVES DE CASTRO; CAMPBELL MC-NICOLL; DYLAN GIFFORD	2024903610	Smith, D.V.; Smith, J.M.; Young, J.W.K.
2024903550	ISABELA ALVES DE CASTRO; CAMPBELL MC-NICOLL; DYLAN GIFFORD	2024903611	Southern Wire Pty Ltd
2024903551	Gertrude Biomedical Pty Ltd	2024903612	Morrish, E.
2024903552	I Pee Co Pty Ltd	2024903614	Dunlop, C.
2024903553	ZINCOVERY PROCESS TECHNOLOGIES LIMITED; Houlton, B.; Landon-Lane, L.; Marshall, A.	2024903615	McGowan, M.; Sampson, M.
2024903554	DataDot Technology Limited	2024903617	Huang, D.
2024903555	DataDot Technology Limited		
2024903556	Tekt Industries Pty Ltd		
2024903557	Pagden, L.		
2024903558	Arakel, A.; Pact Renewables Pty Ltd		
2024903559	Finley, P.		
2024903560	Alavi, A.; Alavi, A.; Akhoundi, H.		
2024903561	Quantum Brilliance Pty Ltd		
2024903562	wardle, j.		
2024903563	Dunlop, R.		
2024903564	Reilly, K.		
2024903565	Cameron, R.; Richardson, A.; Stevenson, L.; Berry, D.; McLellan, R.; Parker, E.		
2024903566	Pring, G.		
2024903567	Berry, D.; McLellan, R.; Cameron, R.; Parker, E.		
2024903568	Commonwealth Scientific and Industrial Research Organisation		
2024903569	Stewart, T.		
2024903570	Aptium.Ai Pty Ltd		
2024903571	ResMed Pty Ltd		
2024903572	Ruthrof, K.		
2024903573	ResMed Pty Ltd		
2024903574	ResMed Pty Ltd		
2024903575	Lewis Australia Pty Ltd		
2024903576	University of Tasmania		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 29 Oct 2024 .

. (*) Title not in Roman characters

. (**) Title not given

(71) 360 Knee Systems Pty Ltd (21) 2024259680 (22) 01.11.2024 (54) Managing patients of knee surgeries	(54) Biometric authentication method, system, and computer program	(71) Ascendis Pharma Bone Diseases A/S (21) 2024259658 (22) 31.10.2024 (54) Dosage regimen for a controlled-release PTH compound
(71) Abiomed, Inc. (21) 2024259640 (22) 31.10.2024 (54) Heart pump with passive purge system	(71) American Sterilizer Company (21) 2024259714 (22) 04.11.2024 (54) Process for Determining Viability of Test Microorganisms of Biological Indicator and Sterilization Detection Device for Determining Same	(71) Ascendis Pharma Oncology Division A/S (21) 2024259730 (22) 05.11.2024 (54) IL-2 conjugates
(71) Abiomed, Inc.; Oscor, Inc. (21) 2024259641 (22) 31.10.2024 (54) Overmold technique for peel-away introducer design	(71) Angel Group Co., Ltd. (21) 2024227787 (22) 31.10.2024 (54) Management system	(71) ASSA ABLOY Australia Pty Limited (21) 2024259662 (22) 01.11.2024 (54) A MORTICE LATCH ASSEMBLY FOR USE WITH A SLIDABLE DOOR
(71) Abiomed Europe GmbH (21) 2024227751 (22) 30.10.2024 (54) Blood pump	(71) Aperture in Motion, LLC (21) 2024227769 (22) 30.10.2024 (54) LIGHT CONTROL DEVICES AND METHODS FOR REGIONAL VARIATION OF VISUAL INFORMATION AND SAMPLING	(71) ASSA ABLOY Australia Pty Limited (21) 2024259663 (22) 01.11.2024 (54) A LOCK ASSEMBLY FOR USE WITH A SWING DOOR
(71) Access Vascular, Inc. (21) 2024256088 (22) 31.10.2024 (54) Packaging for hydrated articles and related methods	(71) APOSYS TECHNOLOGIES INC. (21) 2024259710 (22) 04.11.2024 (54) SYSTEMS AND METHODS FOR MONITORING RAILWAY INFRASTRUCTURE	(71) AUSTRALIAN MAKESAFES PTY LTD (21) 2024259708 (22) 04.11.2024 (54) Tarp and associated Method of Use
(71) Acutus Medical, Inc. (21) 2024227761 (22) 30.10.2024 (54) Cardiac mapping system with efficiency algorithm	(71) APOSYS TECHNOLOGIES INC. (21) 2024259711 (22) 04.11.2024 (54) SYSTEMS AND METHODS FOR SIMULTANEOUS LOCALIZATION AND MAPPING IN UNDERGROUND ENVIRONMENTS	(71) Avery Dennison Corporation (21) 2024259682 (22) 01.11.2024 (54) Labeling of polymeric containers
(71) AFL Telecommunications LLC (21) 2024227772 (22) 30.10.2024 (54) A high density patch panel with modular cassettes	(71) Apple Inc. (21) 2024259692 (22) 01.11.2024 (54) User interfaces related to time	(71) Bambino Prezioso Switzerland AG (21) 2024227753 (22) 30.10.2024 (54) SAFETY BELT AUTOMATIC ADJUSTMENT APPARATUS AND CHILD SAFETY SEAT THEREWITH
(71) AFL Telecommunications LLC (21) 2024227774 (22) 30.10.2024 (54) Cable mounting clamps	(71) Ardelyx, Inc. (21) 2024259706 (22) 04.11.2024 (54) Substituted 4-Phenyl Pyridine Compounds As Non-Systemic TGR5 Agonists	(71) Bambino Prezioso Switzerland AG (21) 2024259690 (22) 01.11.2024 (54) SEAT MISUSE ALARM DEVICE
(71) Air Products and Chemicals, Inc. (21) 2024227784 (22) 31.10.2024 (54) APPARATUS AND PROCESS FOR AMMONIA CRACKING CATALYST ACTIVATION	(71) Aristocrat Technologies Australia Pty Limited (21) 2024256087 (22) 31.10.2024 (54) ARTICULATING HINGE ASSEMBLY FOR SECURING AN ACCESS DOOR ON A GAMING MACHINE CABINET	(71) Bei, K. (21) 2024227780 (22) 31.10.2024 (54) A PET HAIR GROOMING DEVICE
(71) Algesacooling Pty Ltd (21) 2024259665 (22) 01.11.2024 (54) Refrigeration Evaporators and Systems		(71) Biomerieux, Inc. (21) 2024259688 (22) 01.11.2024 (54) Methods For Testing Or Adjusting A Charged-Particle Detector, And Related Detection Systems
(71) Amadeus S.A.S. (21) 2024259699 (22) 01.11.2024		(71) Bioverativ Therapeutics Inc. (21) 2024227757 (22) 30.10.2024

Complete Applications Filed - Name Index cont'd

(54) Factor VIII-Fc chimeric and hybrid polypeptides, and methods of use thereof

Bristol-Myers Squibb Company see Seagen Inc.

(21) 2024227762

(71) Canva Pty Ltd
(21) 2024259637 (22) 31.10.2024
(54) Systems and methods for selectively generating an alert

Carnegie Mellon University see University of Pittsburgh - Of the Commonwealth System of Higher Education
(21) 2024256083

(71) CATERPILLAR INC.
(21) 2024227759 (22) 30.10.2024
(54) SYSTEMS AND METHODS FOR OBSTACLE ANALYSIS ASSOCIATED WITH A TRAVEL PATH OF A MACHINE

Centre National de la Recherche Scientifique see THALES
(21) 2024259642

(71) CFPH, LLC
(21) 2024256079 (22) 31.10.2024
(54) GAME AT CASH REGISTER

(71) CFPH, LLC
(21) 2024256080 (22) 31.10.2024
(54) GAME WITH CHANCE ELEMENT OR EVENT SIMULATION

(71) Chan, J.
(21) 2024259681 (22) 01.11.2024
(54) A Fender Assembly for a Watercraft Docking Structure

(71) Channell Commercial Corporation
(21) 2024259645 (22) 31.10.2024
(54) Vented pedestal housing

(71) Cheng, Y.
(21) 2024227748 (22) 30.10.2024
(54) Skin care product and associated methods

(71) Ching Feng Home Fashions Co., Ltd.
(21) 2024227738 (22) 30.10.2024
(54) Sheer vertical blind structure

(71) Conway, J.
(21) 2024227764 (22) 30.10.2024
(54) SIDE-MOUNTED GARBAGE BIN CLEANING SYSTEM

(71) Coolamon Steelworks Pty Ltd
(21) 2024227792 (22) 31.10.2024
(54) AGRICULTURAL BIN

(71) Corning Research & Development Corporation
(21) 2024259673 (22) 01.11.2024
(54) FIBER TRANSITION HOUSING

(71) Cornish, A.
(21) 2024236942 (22) 31.10.2024
(54) MOVABLE VENTILATION PANEL

(71) CRISPR Therapeutics AG
(21) 2024259705 (22) 04.11.2024
(54) Compositions and methods for gene editing

(71) Cummins Power Generation Inc.
(21) 2024227741 (22) 30.10.2024
(54) Ammonia cracking for multi-fuel engines

Davidson, R. see Institute of Geological and Nuclear Sciences Limited
(21) 2024227796

(71) Deciphera Pharmaceuticals, LLC
(21) 2024259651 (22) 31.10.2024
(54) Ripretinib for treating gastrointestinal stromal tumors

(71) DEKA PRODUCTS LIMITED PARTNERSHIP
(21) 2024259686 (22) 01.11.2024
(54) SYSTEMS, METHODS, AND APPARATUS FOR PRODUCING AND PACKAGING FLUIDS

(71) Dexcom, Inc.
(21) 2024259696 (22) 01.11.2024
(54) Systems and methods for leveraging smartphone features in continuous glucose monitoring

(71) Digital Diagnostics Inc.
(21) 2024227749 (22) 30.10.2024
(54) Dynamic adjustment of flash intensity based on retinal pigmentation

Dolby International AB see Dolby Laboratories Licensing Corporation
(21) 2024259638

(71) Dolby International AB
(21) 2024259729 (22) 05.11.2024

(54) Video decoder with reduced dynamic range transform with inverse transform shifting memory

(71) Dolby Laboratories Licensing Corporation; Dolby International AB
(21) 2024259638 (22) 31.10.2024
(54) Methods and devices for encoding and/or decoding immersive audio signals

(71) Dorel Juvenile Group, Inc.
(21) 2024259695 (22) 01.11.2024
(54) Child restraint

(71) DRAEGER SAFETY AG & CO. KGAA
(21) 2024259704 (22) 04.11.2024
(54) Mobile or portable gas measuring device and process for determining the concentration of nitrous oxide and ethanol in a breath gas sample from a test subject

(71) Edwards Lifesciences Corporation
(21) 2024227770 (22) 30.10.2024
(54) Heart valve sealing devices, delivery devices therefor, and retrieval devices

(71) Eli Lilly and Company
(21) 2024259738 (22) 05.11.2024
(54) Oral drug delivery device with expanding arms

(71) EOS Defense Systems USA, Inc.
(21) 2024259707 (22) 04.11.2024
(54) Hybrid wireless link employing free-space optical communication, radio frequency communication, and intelligent frame and packet switching

(71) Ermera Pty Ltd
(21) 2024259675 (22) 01.11.2024
(54) Organiser for tourniquets

(71) F. HOFFMANN-LA ROCHE AG
(21) 2024259698 (22) 01.11.2024
(54) Tumor-targeted agonistic CD28 antigen binding molecules

(71) F&F Inc.
(21) 2024259650 (22) 31.10.2024
(54) Health management system

(71) Fasteners for Retail, Inc.
(21) 2024259687 (22) 01.11.2024
(54) ANTI-THEFT DEVICE WITH CABLE ATTACHMENT

(71) Fibrework Australia Pty Ltd
(21) 2024256076 (22) 31.10.2024
(54) A ROOF SPACER

Complete Applications Filed - Name Index cont'd

(71) Fisher & Paykel Healthcare Limited
(21) 2024259676 (22) 01.11.2024
(54) HEADGEAR WITH LOCK DISENGAGEMENT MECHANISM

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024259636 (22) 31.10.2024
(54) NASAL SEAL AND RESPIRATORY INTERFACE

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024259732 (22) 05.11.2024
(54) NASAL SEAL AND RESPIRATORY INTERFACE

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024259734 (22) 05.11.2024
(54) SYSTEM AND METHOD FOR NON-INVASIVE VENTILATION

(71) Foundry Therapeutics, Inc.
(21) 2024227788 (22) 31.10.2024
(54) Implantable polymer depots for the controlled release of therapeutic agents

(71) Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.
(21) 2024259735 (22) 05.11.2024
(54) Implant

(71) Fresenius Medical Care Deutschland GmbH
(21) 2024259672 (22) 01.11.2024
(54) Bag for solid concentrate

Futter, R. see Institute of Geological and Nuclear Sciences Limited
(21) 2024227796

(71) FWS AUS Pty Ltd
(21) 2024259722 (22) 04.11.2024
(54) A PIPE CUTTING ASSEMBLY AND METHOD OF USE THEREOF

(71) Genzyme Corporation
(21) 2024227766 (22) 30.10.2024
(54) Perfusion bioreactor with filtration systems

(71) Genzyme Corporation
(21) 2024227776 (22) 30.10.2024
(54) Gene therapy for retinitis pigmentosa

(71) Giant Manufacturing Co., Ltd.
(21) 2024256078 (22) 31.10.2024

(54) SYSTEM, METHOD, AND NON-VOLATILE COMPUTER-READABLE STORAGE MEDIUM APPLIED FOR BIKE FITTING

(71) Gilead Sciences, Inc.
(21) 2024227754 (22) 30.10.2024
(54) HIV vaccines and methods of making and using

(71) Gilead Sciences, Inc.; Pulmokine, Inc.
(21) 2024259702 (22) 04.11.2024
(54) NON-SELECTIVE KINASE INHIBITORS

GIORDANO B.V. see Giordano Poultry Plast S.p.A
(21) 2024227740

(71) Giordano Poultry Plast S.p.A; GIORDANO B.V.
(21) 2024227740 (22) 30.10.2024
(54) MODULAR SYSTEM FOR TRANSPORTING CHICKS

(71) Gomez, D.
(21) 2024259703 (22) 04.11.2024
(54) BI-WING ARM SUPPORT SYSTEM

(71) GOOGLE LLC
(21) 2024227782 (22) 31.10.2024
(54) QUANTUM DATA PROCESSING SYSTEM

(71) GOOLAB TECHNOLOGY COMPANY LIMITED
(21) 2024227737 (22) 30.10.2024
(54) A Method For Converting Honeycomb Waste Materials Into Honeycomb Honey Powder, And The Resulting Product And Its Applications

(71) GrowSafe Systems Ltd.
(21) 2024227773 (22) 30.10.2024
(54) System and method for determining animal behavioral phenotypes

(71) Guangdong Midea Kitchen and Bath Appliances Mfg. Co., Ltd.
(21) 2024259718 (22) 04.11.2024
(54) COMBUSTION CHAMBER HOUSING AND GAS WATER HEATER

(71) Hayward Industries, Inc.
(21) 2024227736 (22) 30.10.2024
(54) Systems and methods for providing network connectivity and remote monitoring, optimization, and control of pool/spa equipment

(71) HEINE Optotechnik GmbH & Co. KG
(21) 2024227755 (22) 30.10.2024
(54) EXAMINATION DEVICE FOR OPTICAL MEDICAL EXAMINATIONS

(71) HG Partners, LLC
(21) 2024227747 (22) 30.10.2024
(54) CONTINUOUS-WAVE RADAR SYSTEM FOR DETECTING FERROUS AND NON-FERROUS METALS IN SALTWATER ENVIRONMENTS

(71) Huawei Technologies Co., Ltd.
(21) 2024259666 (22) 01.11.2024
(54) PPDU TRANSMISSION METHOD AND RELATED APPARATUS

(71) Ichnos Sciences SA
(21) 2024259643 (22) 31.10.2024
(54) Methods of inactivating viral contaminants

(71) Illinois Tool Works Inc.
(21) 2024227779 (22) 30.10.2024
(54) Void Former

(71) Illinois Tool Works Inc.
(21) 2024259664 (22) 01.11.2024
(54) Threaded fastener

(71) Immatics Biotechnologies GmbH
(21) 2024227729 (22) 29.10.2024
(54) NOVEL T CELL RECEPTORS AND IMMUNE THERAPY USING THE SAME

(71) Impulse Downhole Solutions Ltd.
(21) 2024259727 (22) 05.11.2024
(54) FLOW-THROUGH PULSING ASSEMBLY FOR USE IN DOWNHOLE OPERATIONS

(71) INCYTE HOLDINGS CORPORATION
(21) 2024227763 (22) 30.10.2024
(54) SUBSTITUTED TRICYCLIC COMPOUNDS AS FGFR INHIBITORS

(71) Insilicotrials Technologies S.r.l.
(21) 2024259683 (22) 01.11.2024
(54) Method and system for computational modeling and simulation of the operation and/or behavior of medical devices which are implantable or usable on patients

(71) Insilicotrials Technologies S.r.l.
(21) 2024259684 (22) 01.11.2024
(54) Method and system for computational modeling and simulation applied to drug characterization and/or optimization

Complete Applications Filed - Name Index cont'd

(71) Institute of Geological and Nuclear Sciences Limited; Futter, R.; Davidson, R.
(21) 2024227796 (22) 31.10.2024
(54) Ion beam sputtering apparatus and method

INSTITUTE OF SCIENCE TOKYO see JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED
(21) 2024227791

(71) Instrumentation Laboratory Company
(21) 2024227777 (22) 30.10.2024
(54) ACOUSTIC SEPARATION OF A TEST SAMPLE

(71) Instrumentation Laboratory Company
(21) 2024259719 (22) 04.11.2024
(54) BUILDING AND EXECUTING A MEDICAL ALGORITHM

(71) Itron, Inc.
(21) 2024227768 (22) 30.10.2024
(54) Hierarchical update and configuration of software for networked communication devices using multicast

(71) Janssen Pharmaceutica NV
(21) 2024227790 (22) 31.10.2024
(54) Dosing regimen for missed doses for long-acting injectable paliperidone esters

(71) JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED; INSTITUTE OF SCIENCE TOKYO
(21) 2024227791 (22) 31.10.2024
(54) Phase difference measuring method, atomic wave interferometer, angular velocity measuring method, and atomic wave interferometer type gyroscope

(71) Jhunjhunwala, S.
(21) 2024259733 (22) 05.11.2024
(54) A Woven Textile Fabric

(71) JPL Global, LLC
(21) 2024259731 (22) 05.11.2024
(54) Circular saw apparatus with integrated multistage filtration system

(71) KABUSHIKI KAISHA TOSHIBA
(21) 2024259720 (22) 04.11.2024
(54) Dynamic Image Decoding Device

KIM, B.O. see YOO, C.J.
(21) 2024227795

Kite Pharma, Inc. see The United States of America, as represented by the Secretary, Department of Health and Human Service
(21) 2024227781

(71) Knappco, LLC
(21) 2024259648 (22) 31.10.2024
(54) Control systems for liquid product delivery vehicles

Koker, E. see Ubels, S.
(21) 2024227735

(71) Kymab Limited
(21) 2024227793 (22) 31.10.2024
(54) Antibodies, uses & methods

(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(21) 2024227742 (22) 30.10.2024
(54) SEPARATOR VESSEL AND INSTALLATION COMPRISING SUCH A VESSEL

(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(21) 2024227743 (22) 30.10.2024
(54) INSTALLATION AND METHOD FOR PRODUCING LIQUEFIED HYDROGEN

(71) Lashify, Inc.
(21) 2024227789 (22) 31.10.2024
(54) Applicators and cases for artificial lash extensions

(71) Latin, F.
(21) 2024259661 (22) 31.10.2024
(54) DreamWiegth

(71) LG Electronics Inc.
(21) 2024259679 (22) 01.11.2024
(54) Induction heating device and method for controlling induction heating device

(71) Louca, C.
(21) 2024259677 (22) 01.11.2024
(54) Method for clipping up shirt/jacket sleeves without tailoring.

(71) Marius Pharmaceuticals LLC
(21) 2024227786 (22) 31.10.2024
(54) Preferred oral testosterone undecanoate therapy to achieve testosterone replacement treatment

(71) Maytronics Ltd
(21) 2024259736 (22) 05.11.2024

(54) Systems, Units, and Methods for Monitoring Swimming Pool Characteristics by Measuring Swimming-Pool Water-Manipulation Responsivity

(71) McMillan, M.
(21) 2024227733 (22) 29.10.2024
(54) Indigenous Nations Information and Traceability System (INITs): A secure, standardised, and immutable data hierarchy for triangulating time, location, and place - using blockchain, generative AI, and dynamic UI - for universal storytelling for each and every GPS coordinate.

(71) MDA Systems Ltd.
(21) 2024256081 (22) 31.10.2024
(54) Computer systems and methods for training and using image segmentation models to detect resident space objects, for generating simulated training images therefor, and for detecting and tracking resident space objects

(71) MolecuLight Inc.
(21) 2024246902 (22) 31.10.2024
(54) Wound imaging and analysis

(71) Mollick, P.
(21) 2024227739 (22) 30.10.2024
(54) THERAPEUTIC TREATMENT FOR THE CORONAVIRUS DISEASE COVID-19

(71) MORSE MICRO PTY. LTD.
(21) 2024259671 (22) 01.11.2024
(54) Methods and devices for adaptive mesh network configuration

(71) Nanjing University
(21) 2024259713 (22) 04.11.2024
(54) Cellulose-based composite nanofiltration membrane and use thereof

(71) Nokia Technologies Oy
(21) 2024227771 (22) 30.10.2024
(54) Method for video coding and an apparatus

(71) Nordex Energy SE & Co. KG
(21) 2024259654 (22) 31.10.2024
(54) System for a wind turbine and wind turbine

(71) Novartis AG; The Trustees of the University of Pennsylvania
(21) 2024227744 (22) 30.10.2024
(54) Methods of making chimeric antigen receptor-expressing cells

Complete Applications Filed - Name Index cont'd

(71) Novartis AG
(21) 2024227794 (22) 31.10.2024
(54) Ribociclib Tablet

(71) ORPHALAN
(21) 2024227767 (22) 30.10.2024
(54) CRYSTALLINE FORM OF TRIETHYL-
ENETETRAMINE TETRAHYDRO-
CHLORIDE AND ITS PHARMACEUT-
ICAL USE

Oscor, Inc. see Abiomed, Inc.
(21) 2024259641

(71) Owen, L.
(21) 2024259725 (22) 05.11.2024
(54) Nappy backpack hanging organiser

(71) OZX IP Pty Ltd
(21) 2024259701 (22) 01.11.2024
(54) Weight management system for a
towed vehicle

(71) Parting Stone, Inc.
(21) 2024259639 (22) 31.10.2024
(54) Methods to solidify cremation remains

(71) Pentair Water Pool and Spa, Inc.
(21) 2024259717 (22) 04.11.2024
(54) Hybrid filter and chemical cleaning as-
sembly and method

(71) Perusia Pty Ltd
(21) 2024227756 (22) 30.10.2024
(54) A BUILDING COMPONENT

(71) Pioneer Surgical Technology, Inc.
(21) 2024259716 (22) 04.11.2024
(54) INTERVERTEBRAL IMPLANT IN-
SERVER TOOL

(71) Psykinetic Pty Ltd
(21) 2024259670 (22) 01.11.2024
(54) Eye-typing method, system and com-
puter readable medium

Pulmokine, Inc. see Gilead Sciences, Inc.
(21) 2024259702

(71) Quixotic Labs Inc.
(21) 2024259647 (22) 31.10.2024
(54) DOMAIN-SPECIFIC LANGUAGE IN-
TERPRETER AND INTERACTIVE
VISUAL INTERFACE FOR RAPID
SCREENING

(71) Remegen Co., Ltd.
(21) 2024259644 (22) 31.10.2024
(54) TACI-Fc fusion protein and use thereof

(71) Research Development Foundation
(21) 2024259693 (22) 01.11.2024
(54) Chimeric immunogenic polypeptides

(71) Research Institute at Nationwide
Children's Hospital
(21) 2024259685 (22) 01.11.2024
(54) Recombinant Adeno-Associated Vir-
us Products And Methods For Treating
Dystroglycanopathies And Lamin-Defi-
cient Muscular Dystrophies

(71) ResMed Pty Ltd
(21) 2024259668 (22) 01.11.2024
(54) HEADGEAR TUBING FOR A PATIENT
INTERFACE

(71) Rust-Oleum Corporation
(21) 2024259649 (22) 31.10.2024
(54) Propellantless aerosol system

(71) Rutgers, The State University of New
Jersey
(21) 2024259674 (22) 01.11.2024
(54) Polymer-based railroad tie having en-
hanced ballast interaction

(71) RxSafe LLC
(21) 2024256075 (22) 31.10.2024
(54) AUTOMATIC PACKAGER FOR PHAR-
MACEUTICALS AND METHOD OF
OPERATING THE SAME

(71) Sage Products LLC
(21) 2024227760 (22) 30.10.2024
(54) Fecal collection systems and methods

(71) Salesforce, Inc.
(21) 2024259657 (22) 31.10.2024
(54) Application builder

(71) SAS Systems Pty Ltd
(21) 2024227775 (22) 30.10.2024
(54) IMPROVEMENTS IN SNAP FIT
POSTS FOR FENCE PANELS BALUS-
TRADES AND THE LIKE

(71) Savidge, A.
(21) 2024259669 (22) 01.11.2024
(54) Graphene-Enhanced Nail Polish Addi-
tive and Protective Clear Coat Formula-
tion with Enhanced Durability, Flexibility,
UV Protection, and Antimicrobial Sur-
face Properties (Antibacterial and Anti-
viral)

(71) SCHELD, D.
(21) 2024256085 (22) 31.10.2024

(54) Method for Capturing and Subsequently
Generating Data for a User of a Self-
Service Terminal

(71) Schneider Electric (Australia) Pty Ltd
(21) 2024227765 (22) 30.10.2024
(54) SYSTEMS AND METHODS TO DIS-
TRIBUTE, SYNCHRONIZE AND RE-
SET EMERGENCY BREAK GLASS
USER CREDENTIALS FOR REMOTE
DEVICES

(71) Schrale, L.
(21) 2024233796 (22) 31.10.2024
(54) Furniture for Inclusive Classroom
Design

(71) Seagen Inc.; Bristol-Myers Squibb
Company
(21) 2024227762 (22) 30.10.2024
(54) USE OF AN ANTI-PD-1 ANTIBODY IN
COMBINATION WITH AN ANTI-CD30
ANTIBODY IN LYMPHOMA TREAT-
MENT

Shen, Q. see Shenfei Packaging Novel Ma-
terial (Shaoxing) Co., Ltd
(21) 2024259660

(71) Shenfei Packaging Novel Material
(Shaoxing) Co., Ltd; Shen, Q.
(21) 2024259660 (22) 31.10.2024
(54) Wrap film joint structure and crop wrap
film

(71) Shenzhen Porshealth Bioengineering
Co., Ltd.
(21) 2024256082 (22) 31.10.2024
(54) LACTIPLANTIBACILLUS PLANTARUM
GOLDGUT-LP618 HAVING FUNCTION
OF RESISTING SALMONELLA INFEC-
TION AND APPLICATION THEREOF

(71) Siemens Aktiengesellschaft
(21) 2024259712 (22) 04.11.2024
(54) Process for ammonia synthesis using a
reaction apparatus and associated re-
action apparatus

(71) SISTECH PRODUCTS SG PTE. LTD.
(21) 2024227783 (22) 31.10.2024
(54) Access Control Device and Housing

(71) Société des Produits Nestlé S.A.
(21) 2024259652 (22) 31.10.2024
(54) Foodstuff products, ingredients, pro-
cesses and uses

(71) sticky.io, Inc.
(21) 2024259689 (22) 01.11.2024

Complete Applications Filed - Name Index cont'd

(54) Method and system for interacting with an entity

(71) StubHub, Inc.
(21) 2024256084 (22) 31.10.2024
(54) System and methods for negotiating ticket transfer

(71) Sunresin New Materials Co. Ltd.
(21) 2024259723 (22) 05.11.2024
(54) Lithium Adsorbent, And Preparation Method And Application Thereof

(71) Talis Clinical LLC
(21) 2024259694 (22) 01.11.2024
(54) Continuous Improvement Tool

(71) Taylor-Listug, Inc. D/B/A Taylor Guitars
(21) 2024256090 (22) 31.10.2024
(54) SADDLE AND BRIDGE FOR REDUCING LONGITUDINAL WAVES IN A STRING INSTRUMENT

(71) Techtronic Cordless GP
(21) 2024259659 (22) 31.10.2024
(54) Retaining fastener, retaining system, garden machine having said retaining system, and method of operation of said retaining system

(71) Tencent America LLC
(21) 2024241581 (22) 31.10.2024
(54) METHOD AND APPARATUS FOR REDUCING CONTEXT MODELS FOR ENTROPY CODING OF TRANSFORM COEFFICIENT SIGNIFICANT FLAG

(71) THALES; UNIVERSITE PARIS-SACLAY; Centre National de la Recherche Scientifique
(21) 2024259642 (22) 31.10.2024
(54) Procede de controle de l'observation par un systeme de pistage d'un espace et dispositif associe

(71) The Eastern Company
(21) 2024230983 (22) 31.10.2024
(54) SYSTEM AND METHOD FOR REMOTELY LOCKING AND UNLOCKING VEHICLE ACCESSORY LOCKS

(71) The NOCO Company
(21) 2024259667 (22) 01.11.2024
(54) Portable or hand held vehicle battery jump starting apparatus with battery cell equalization circuit

(71) The Regents of the University of California
(21) 2024256086 (22) 31.10.2024

(54) IMMUNOENGINEERED PLURIPOTENT CELLS

The Trustees of the University of Pennsylvania see Novartis AG
(21) 2024227744

(71) The United States of America, as represented by the Secretary, Department of Health & Human Services
(21) 2024227758 (22) 30.10.2024
(54) USING MACHINE LEARNING AND/OR NEURAL NETWORKS TO VALIDATE STEM CELLS AND THEIR DERIVATIVES FOR USE IN CELL THERAPY, DRUG DISCOVERY, AND DIAGNOSTICS

(71) The United States of America, as Represented by the Secretary, Department of Health & Human Services
(21) 2024259653 (22) 31.10.2024
(54) Surgical tool and method for ocular tissue transplantation

(71) The United States of America, as represented by the Secretary, Department of Health and Human Service; Kite Pharma, Inc.
(21) 2024227781 (22) 31.10.2024
(54) METHODS OF PREPARING T CELLS FOR T CELL THERAPY

(71) Thomson Reuters Enterprise Centre GmbH
(21) 2024256077 (22) 31.10.2024
(54) SYSTEMS AND METHODS FOR AIDING TAX COMPLIANCE

(71) Transportation IP Holdings, LLC
(21) 2024259715 (22) 04.11.2024
(54) VEHICLE BRAKE CONTROL SYSTEM AND METHOD

(71) Trina Solar Co., Ltd.
(21) 2024227727 (22) 29.10.2024
(54) Solar cell, preparation method thereof, and photovoltaic module

(71) Ubels, S.; Koker, E.
(21) 2024227735 (22) 30.10.2024
(54) A SYSTEM AND METHOD OF DAMP PROOFING FOR BRICKWORK BUILDINGS

(71) UMC Innovation Limited
(21) 2024227750 (22) 30.10.2024
(54) MESH FENCE

UNIVERSITE PARIS-SACLAY see THALES
(21) 2024259642

(71) University of Pittsburgh - Of the Commonwealth System of Higher Education; Carnegie Mellon University
(21) 2024256083 (22) 31.10.2024
(54) MICRONEEDLE ARRAYS FOR CANCER THERAPY APPLICATIONS

(71) UPL Limited
(21) 2024259726 (22) 05.11.2024
(54) A method for controlling rust

(71) VBC HOLDINGS LLC
(21) 2024259728 (22) 05.11.2024
(54) SEGMENTATION-BASED IMAGE PROCESSING FOR CONFLUENCY ESTIMATION

(71) Viking Therapeutics, Inc.
(21) 2024256089 (22) 31.10.2024
(54) Crystalline forms and methods of producing crystalline forms of a compound

(71) VusionGroup GmbH
(21) 2024259678 (22) 01.11.2024
(54) RADIO BASE STATION FOR COMBINED RADIO COMMUNICATION

(71) Weatherford Technology Holdings, LLC
(21) 2024259691 (22) 01.11.2024
(54) Apparatus And Methods For Tong Operation

(71) West Virginia University Board of Governors on behalf of West Virginia University
(21) 2024259709 (22) 04.11.2024
(54) PREDICTING WELLNESS OF A USER WITH MONITORING FROM PORTABLE MONITORING DEVICES

(71) Wilcox Industries Corp.
(21) 2024259724 (22) 05.11.2024
(54) Helmet Mounted Multispectral Illumination Device

(71) Wonderland Switzerland AG
(21) 2024227785 (22) 31.10.2024
(54) SUPPORT PLATE AND CARRYCOT USING THE SAME

(71) Wonderland Switzerland AG
(21) 2024259697 (22) 01.11.2024
(54) Baby carrier

(71) YOO, C.J.; KIM, B.O.
(21) 2024227795 (22) 31.10.2024
(54) Exhaust gas treatment device

Complete Applications Filed - Name Index cont'd

(71) Zhongshan Shengyi Electric Appliance
Co., Ltd.

(21) 2024259700 (22) 01.11.2024

(54) Fan blade quick installation structure
and a fan using the same

Numerical Index

2024227727	Trina Solar Co., Ltd.	2024227796	Institute of Geological and Nuclear Sciences Limited;
2024227729	Immatics Biotechnologies GmbH		Futter, R.; Davidson, R.
2024227733	McMillan, M.	2024230983	The Eastern Company
2024227735	Ubels, S.; Koker, E.	2024233796	Schrale, L.
2024227736	Hayward Industries, Inc.	2024236942	Cornish, A.
2024227737	GOOLAB TECHNOLOGY COMPANY LIMITED	2024241581	Tencent America LLC
2024227738	Ching Feng Home Fashions Co., Ltd.	2024246902	MolecuLight Inc.
2024227739	Mollick, P.	2024256075	RxSafe LLC
2024227740	Giordano Poultry Plast S.p.A; GIORDANO B.V.	2024256076	Fibrework Australia Pty Ltd
2024227741	Cummins Power Generation Inc.	2024256077	Thomson Reuters Enterprise Centre GmbH
2024227742	L'Air Liquide, Société Anonyme pour l'Etude et	2024256078	Giant Manufacturing Co., Ltd.
	l'Exploitation des Procédés Georges Claude	2024256079	CFPH, LLC
2024227743	L'Air Liquide, Société Anonyme pour l'Etude et	2024256080	CFPH, LLC
	l'Exploitation des Procédés Georges Claude	2024256081	MDA Systems Ltd.
2024227744	Novartis AG; The Trustees of the University of	2024256082	Shenzhen Porshealth Bioengineering Co., Ltd.
	Pennsylvania	2024256083	University of Pittsburgh - Of the Commonwealth System
2024227747	HG Partners, LLC		of Higher Education; Carnegie Mellon University
2024227748	Cheng, Y.	2024256084	StubHub, Inc.
2024227749	Digital Diagnostics Inc.	2024256085	SCHELD, D.
2024227750	UMC Innovation Limited	2024256086	The Regents of the University of California
2024227751	Abiomed Europe GmbH	2024256087	Aristocrat Technologies Australia Pty Limited
2024227753	Bambino Prezioso Switzerland AG	2024256088	Access Vascular, Inc
2024227754	Gilead Sciences, Inc.	2024256089	Viking Therapeutics, Inc.
2024227755	HEINE Optotechnik GmbH & Co. KG	2024256090	Taylor-Listug, Inc. D/B/A Taylor Guitars
2024227756	Perusia Pty Ltd	2024259636	FISHER & PAYKEL HEALTHCARE LIMITED
2024227757	Bioerativ Therapeutics Inc.	2024259637	Canva Pty Ltd
2024227758	The United States of America, as represented by the	2024259638	Dolby Laboratories Licensing Corporation; Dolby Inter-
	Secretary, Department of Health & Human Services		national AB
2024227759	CATERPILLAR INC.	2024259639	Parting Stone, Inc.
2024227760	Sage Products LLC	2024259640	Abiomed, Inc.
2024227761	Acutus Medical, Inc.	2024259641	Abiomed, Inc.; Oscor, Inc.
2024227762	Seagen Inc.; Bristol-Myers Squibb Company	2024259642	THALES; UNIVERSITE PARIS-SACLAY; Centre Na-
2024227763	INCYTE HOLDINGS CORPORATION		tional de la Recherche Scientifique
2024227764	Conway, J.	2024259643	Ichnos Sciences SA
2024227765	Schneider Electric (Australia) Pty Ltd	2024259644	Remegen Co., Ltd.
2024227766	Genzyme Corporation	2024259645	Channell Commercial Corporation
2024227767	ORPHALAN	2024259647	Quixotic Labs Inc.
2024227768	Itron, Inc.	2024259648	Knappco, LLC
2024227769	Aperture in Motion, LLC	2024259649	Rust-Oleum Corporation
2024227770	Edwards Lifesciences Corporation	2024259650	F&F Inc.
2024227771	Nokia Technologies Oy	2024259651	Deciphera Pharmaceuticals, LLC
2024227772	AFL Telecommunications LLC	2024259652	Société des Produits Nestlé S.A.
2024227773	GrowSafe Systems Ltd.	2024259653	The United States of America, as Represented by the
2024227774	AFL Telecommunications LLC		Secretary, Department of Health & Human Services
2024227775	SAS Systems Pty Ltd	2024259654	Nordex Energy SE & Co. KG
2024227776	Genzyme Corporation	2024259657	Salesforce, Inc.
2024227777	Instrumentation Laboratory Company	2024259658	Ascendis Pharma Bone Diseases A/S
2024227779	Illinois Tool Works Inc.	2024259659	Techtronic Cordless GP
2024227780	Bei, K.	2024259660	Shenfei Packaging Novel Material (Shaoxing) Co., Ltd;
2024227781	The United States of America, as represented by the		Shen, Q.
	Secretary, Department of Health and Human Service;	2024259661	Latin, F.
	Kite Pharma, Inc.	2024259662	ASSA ABLOY Australia Pty Limited
2024227782	GOOGLE LLC	2024259663	ASSA ABLOY Australia Pty Limited
2024227783	SISTECH PRODUCTS SG PTE. LTD.	2024259664	Illinois Tool Works Inc.
2024227784	Air Products and Chemicals, Inc.	2024259665	Algesacooling Pty Ltd
2024227785	Wonderland Switzerland AG	2024259666	Huawei Technologies Co., Ltd.
2024227786	Marius Pharmaceuticals LLC	2024259667	The NOCO Company
2024227787	Angel Group Co., Ltd.	2024259668	ResMed Pty Ltd
2024227788	Foundry Therapeutics, Inc.	2024259669	Savidge, A.
2024227789	Lashify, Inc.	2024259670	Psykinetic Pty Ltd
2024227790	Janssen Pharmaceutica NV	2024259671	MORSE MICRO PTY. LTD.
2024227791	JAPAN AVIATION ELECTRONICS INDUSTRY, LIM-	2024259672	Fresenius Medical Care Deutschland GmbH
	ITED; INSTITUTE OF SCIENCE TOKYO	2024259673	Corning Research & Development Corporation
2024227792	Coolamon Steelworks Pty Ltd	2024259674	Rutgers, The State University of New Jersey
2024227793	Kymab Limited	2024259675	Ermera Pty Ltd
2024227794	Novartis AG	2024259676	Fisher & Paykel Healthcare Limited
2024227795	YOO, C.J.; KIM, B.O.	2024259677	Louca, C.
		2024259678	VusionGroup GmbH

Complete Applications Filed - Numerical Index cont'd

2024259679	LG Electronics Inc.
2024259680	360 Knee Systems Pty Ltd
2024259681	Chan, J.
2024259682	Avery Dennison Corporation
2024259683	Insilicotrials Technologies S.r.l.
2024259684	Insilicotrials Technologies S.r.l.
2024259685	Research Institute at Nationwide Children's Hospital
2024259686	DEKA PRODUCTS LIMITED PARTNERSHIP
2024259687	Fasteners for Retail, Inc.
2024259688	Biomerieux, Inc.
2024259689	sticky.io, Inc.
2024259690	Bambino Prezioso Switzerland AG
2024259691	Weatherford Technology Holdings, LLC
2024259692	Apple Inc.
2024259693	Research Development Foundation
2024259694	Talis Clinical LLC
2024259695	Dorel Juvenile Group, Inc.
2024259696	Dexcom, Inc.
2024259697	Wonderland Switzerland AG
2024259698	F. HOFFMANN-LA ROCHE AG
2024259699	Amadeus S.A.S.
2024259700	Zhongshan Shengyi Electric Appliance Co., Ltd.
2024259701	OZX IP Pty Ltd
2024259702	Gilead Sciences, Inc.; Pulmokine, Inc.
2024259703	Gomez, D.
2024259704	DRAEGER SAFETY AG & CO. KGAA
2024259705	CRISPR Therapeutics AG
2024259706	Ardelyx, Inc.
2024259707	EOS Defense Systems USA, Inc.
2024259708	AUSTRALIAN MAKESAFES PTY LTD
2024259709	West Virginia University Board of Governors on behalf of West Virginia University
2024259710	APOSYS TECHNOLOGIES INC.
2024259711	APOSYS TECHNOLOGIES INC.
2024259712	Siemens Aktiengesellschaft
2024259713	Nanjing University
2024259714	American Sterilizer Company
2024259715	Transportation IP Holdings, LLC
2024259716	Pioneer Surgical Technology, Inc.
2024259717	Pentair Water Pool and Spa, Inc.
2024259718	Guangdong Midea Kitchen and Bath Appliances Mfg. Co., Ltd.
2024259719	Instrumentation Laboratory Company
2024259720	KABUSHIKI KAISHA TOSHIBA
2024259722	FWS AUS Pty Ltd
2024259723	Sunresin New Materials Co. Ltd.
2024259724	Wilcox Industries Corp.
2024259725	Owen, L.
2024259726	UPL Limited
2024259727	Impulse Downhole Solutions Ltd.
2024259728	VBC HOLDINGS LLC
2024259729	Dolby International AB
2024259730	Ascendis Pharma Oncology Division A/S
2024259731	JPL Global, LLC
2024259732	FISHER & PAYKEL HEALTHCARE LIMITED
2024259733	Jhunjhunwala, S.
2024259734	FISHER & PAYKEL HEALTHCARE LIMITED
2024259735	Fraunhofer-Gesellschaft Zur Förderung Der Ange- wandten Forschung E.V.
2024259736	Maytronics Ltd
2024259738	Eli Lilly and Company

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

2004

2004222779 (14)	2004222807 (14)	2004222826 (14)
2004222838 (14)	2004222855 (14)	2004224881 (14)
2004224882 (14)	2004224904 (14)	2004224910 (14)
2004224935 (14)	2004224937 (14)	2004281617 (14)
2004283291 (14)	2004283322 (14)	2004283340 (14)
2004283543 (14)	2004283626 (14)	2004283634 (14)
2004283767 (14)	2004283881 (14)	2004283914 (14)
2004284110 (14)	2004284112 (14)	2004284228 (14)
2004284364 (14)	2004284832 (14)	2004285035 (14)
2004285241 (14)	2004285480 (14)	2004285928 (14)
2004286000 (14)	2004286255 (14)	2004286261 (14)
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2024903077 (12AN) 2024903535 (12AN)

Assignments before Grant, Section 113

2017

2017371472 Stichting Voor de Technische Wetenschappen; Universiteit Van Amsterdam The application has been assigned to **Universiteit Van Amsterdam**

2017436546 Lloyd, Redmond; Keyte, Louise; Boral IP Holdings (Australia) PTY Limited The application has been assigned to **Boral IP Holdings (Australia) Pty Limited**

2018

2018273979 2seventy bio, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

2019

2019206033 Bruckbauer, Wilhelm The application has been assigned to **Werkhaus GmbH & Co. KG**

2019210176 Nanotech Security Corp. The application has been assigned to **Authentix, Inc.**

2019224015 Kerry Luxembourg S.à.r.l. The application has been assigned to **Kerry Group Services International Limited**

2019240609 Consejo Nacional de Investigaciones Científicas Y Técnicas (Conicet); Fundación Articular; Inis Biotech LLC The application has been assigned to **Consejo Nacional de Investigaciones Científicas Y Técnicas (Conicet); Fundación Articular**

2019253919 INVIROPOD PTY LTD The application has been assigned to **Alameddine, Bassam**

2019289150 GENESYS CLOUD SERVICES HOLDINGS II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2019291945 Akston Biosciences Corporation The application has been assigned to **Dechra Limited**

2019309424 Bruckbauer, Wilhelm The application has been assigned to **Werkhaus GmbH & Co. KG**

2019343015 Hypertherm, Inc.; RailRestore Holding BV; RailRestore BV The application has been assigned to **RailRestore Holding BV; RailRestore BV**

Assignments before Grant, Section 113

2019371243 MacroGenics, Inc.; NanoString Technologies, Inc.; Nottingham Trent University The application has been assigned to **Brucker Spatial Biology, Inc.; MacroGenics, Inc.; Nottingham Trent University**

2019392557 VID SCALE, Inc. The application has been assigned to **InterDigital VC Holdings, Inc.**

2019395334 2seventy bio, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

2019405930 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2019417030 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2019419454 Vid Scale, Inc. The application has been assigned to **InterDigital VC Holdings, Inc.**

2020

2020216988 Innovative Bedding Solutions, Inc. The application has been assigned to **Abad Foam, Inc.**

2020219836 Vid Scale, Inc. The application has been assigned to **InterDigital VC Holdings, Inc.**

2020220259 Bruckbauer, Wilhelm The application has been assigned to **Werkhaus GmbH & Co. KG**

2020227051 Bruckbauer, Wilhelm The application has been assigned to **Werkhaus GmbH & Co. KG**

2020234972 Vid Scale, Inc. The application has been assigned to **InterDigital VC Holdings, Inc.**

2020253798 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2020257179 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2020268901 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2020271419 Bruckbauer, Wilhelm The application has been assigned to **Werkhaus GmbH & Co. KG**

2020271841 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2020272956 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2020279763 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2020280072 VID SCALE, Inc. The application has been assigned to **InterDigital VC Holdings, Inc.**

Assignments before Grant, Section 113

- 2020285692 HKG Epitherapeutics Limited The application has been assigned to **EpiMedTechGlobal (EMTG)**
- 2020291413 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2020330235 Shenzhen Maigesong Electrical Technology Co., Ltd. The application has been assigned to **Guangdong Miyear Mgxon Power System Co., Ltd**
- 2020346044 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2020349562 MeiraGTx Therapeutics, Inc. The application has been assigned to **MeiraGTx UK II Limited**
- 2020355394 FMC Agricultural Products International AG The application has been assigned to **FMC Agro Singapore Pte Ltd.**
- 2020361623 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2020369562 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2020386058 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2020386374 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2020401587 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2020405249 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2020417251 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2020417775 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2020417776 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2021

- 2021203783 I-Mab Biopharma Co., Ltd. The application has been assigned to **I-Mab Biopharma US Limited**
- 2021221589 Tyrrells Administration Pty Ltd The application has been assigned to **Survival IP Pty Ltd**
- 2021245378 Kerry Luxembourg S.à. r.l. The application has been assigned to **Kerry Group Services International Limited**
- 2021248598 BASF SE The application has been assigned to **BASF Catalysts Germany GmbH**

Assignments before Grant, Section 113

- 2021249203 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2021251439 Turun Yliopisto The application has been assigned to **THESTRA Oy**
- 2021262225 Navtrix Pty Ltd The application has been assigned to **SodaX Pty Ltd**
- 2021265099 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2021265157 Navtrix Pty Ltd The application has been assigned to **SodaX Pty Ltd**
- 2021265364 Navtrix Pty Ltd The application has been assigned to **SodaX Pty Ltd**
- 2021298106 MorphoSys AG; Gilead Sciences, Inc. The application has been assigned to **Incyte Corporation; Gilead Sciences, Inc.**
- 2021300121 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2021306808 Dayton Therapeutics AG The application has been assigned to **pharma& Schweiz GmbH**
- 2021311838 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**
- 2021342622 Cartamundi Turnhout NV The application has been assigned to **Cartamundi Services NV**
- 2021347839 TRINITY BAY EQUIPMENT HOLDINGS, LLC The application has been assigned to **FlexSteel Pipeline Technologies, LLC**
- 2021356098 BRUCKBAUER, Wilhelm The application has been assigned to **Werkhaus GmbH & Co. KG**
- 2021361340 TYRRELLS ADMINISTRATION PTY LTD The application has been assigned to **Survival IP Pty Ltd**
- 2021369434 Cartamundi Turnhout NV The application has been assigned to **Cartamundi Services NV**
- 2021373954 BRUCKBAUER, Wilhelm The application has been assigned to **Werkhaus GmbH & Co. KG**

- 2021412801 Genesys Cloud Services Holdings II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2022

- 2022201685 Monsanto Technology LLC; Beeologics, Inc. The application has been assigned to **GreenLight Biosciences, Inc.**
- 2022205936 OTSUKA AMERICA INC.; CLICK THERAPEUTICS, INC. The application has been assigned to **Otsuka Precision Health, Inc.; CLICK THERAPEUTICS, INC.**

Assignments before Grant, Section 113

2022229897 MORT, Tyler J. The application has been assigned to **Mort Tech Inc.**

2022263339 XF TECHNOLOGIES INC. The application has been assigned to **xF Biosolutions, LLC**

2022270727 GENESYS CLOUD SERVICES HOLDINGS II, LLC
The application has been assigned to **Genesys Cloud Services, Inc.**

2022280089 SCHLUMBERGER TECHNOLOGY B.V. The application has been assigned to **Cameron Technologies Limited**

2022283425 SCHLUMBERGER TECHNOLOGY B.V. The application has been assigned to **Cameron Technologies Limited**

2022287920 GENESYS CLOUD SERVICES HOLDINGS II, LLC
The application has been assigned to **Genesys Cloud Services, Inc.**

2022292324 KIMURA, Kenjiro The application has been assigned to **Kimura, Fumitoshi**

2022316993 HUNG, Mien-chie; EVER SUPREME BIO TECHNOLOGY CO., LTD The application has been assigned to **CHINA MEDICAL UNIVERSITY; EVER SUPREME BIO TECHNOLOGY CO., LTD**

2022345015 GENESYS CLOUD SERVICES HOLDINGS II, LLC
The application has been assigned to **Genesys Cloud Services, Inc.**

2022383415 GLOBACHEM NV; LUXEMBOURG INDUSTRIES LTD
The application has been assigned to **LUXEMBOURG INDUSTRIES LTD**

2022388903 GRAY CONSULTING, INC. The application has been assigned to **Greenphire LLC**

2022398294 THE ADJACENT POSSIBLE OY The application has been assigned to **AVIOGEL S.R.L.**

2023

2023220676 KYUNGPOOK NATIONAL UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION The application has been assigned to **BOO, Yong Chool**

2023240412 BAUSCH + LOMB IRELAND LIMITED; IVRI, Yehuda
The application has been assigned to **BAUSCH + LOMB IRELAND LIMITED**

2023241365 HKG Epitherapeutics Limited The application has been assigned to **EpiMedTechGlobal (EMTG)**

2023242465 LARSEN, Filip The application has been assigned to **Svexa Inc.**

2023254258 WAYNE STATE UNIVERSITY; AOLIS INVESTMENT AG. The application has been assigned to **EMBIL, Koral; WAYNE STATE UNIVERSITY**

2023284974 ECOLAB USA INC. The application has been assigned to **Medline Industries, LP**

Assignments before Grant, Section 113

2024

2024203604 2seventy bio, Inc. The application has been assigned to **Regeneron Pharmaceuticals, Inc.**

2024205823 VID SCALE, Inc. The application has been assigned to **InterDigital VC Holdings, Inc.**

2024227453 Melbourne Health; Clearb Therapeutics Ltd. The application has been assigned to **Melbourne Health**

2024227639 Keyte, Louise; Lloyd, Redmond; Boral IP Holdings (Australia) PTY Limited The application has been assigned to **Boral IP Holdings (Australia) PTY Limited**

2024900688 AJL Tech Consulting Pty Ltd The application has been assigned to **EPConnex Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2017

2017228930 **Enrgistream Pty Ltd** An application to extend the time from 08 Mar 2024 to 08 Oct 2024 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018100460 **TNBT Holdings Pty Ltd** An application to extend the time from 10 Apr 2024 to 10 Nov 2024 in which to pay a renewal fee has been filed . Address for service - Integrated Access Designs (Australia) Pty Ltd (in Liquidation) Gpo Box 4956 Sydney NSW 2001 AU

2020

2020254702 **Miller Dowel Company** An application to extend the time from 02 Apr 2024 to 02 Nov 2024 in which to pay a continuation fee has been filed . Address for service - Dennemeyer & Associates PO Box 363 KEW VIC 3101 AU

2021

2021268680 **Jet Black Products Pty Ltd** An application to extend the time from 09 Mar 2024 to 09 Aug 2024 in which to request examination has been filed . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

Applications Allowed - Section 223(2)

2011

2011342368 **Rite-Prep Pty Ltd** The time in which to pay a renewal fee has been extended to 13 Jul 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions of Time, Section 223

2017

2017395785 **EXO One Pty Ltd** The time in which to pay the acceptance fee has been extended to 21 Aug 2024 . Address for service - EXO One Pty Ltd 12/82 Upper Pitt Street Kirribilli NSW 2061 AU

2018

2018236894 **NEC Platforms, Ltd.** The time in which to pay a renewal fee has been extended to 25 Apr 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019

2019451415 **Xiamen Chuangliu Technology Co., Ltd.** The time in which to pay a continuation fee has been extended to 13 Aug 2024 . Address for service - Remarkable IP PO Box 207 Queenstown Otago 9348 NZ

2023

2023201223 **Baxter Corporation Englewood** The time in which to pay a continuation fee has been extended to 29 Jun 2024 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

Amendments

Applications for Amendment

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

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

2017

2017225076 RNAI AGENTS, COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING TRANSTHYRETIN (TTR) ASSOCIATED DISEASES **Alnylam Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Oct 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2017293925 Modified ligand-gated ion channels and methods of use **Howard Hughes Medical Institute** The nature of the amendment is as shown in the statement(s) filed 08 Oct 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019

2019234759 O-glycoprotein-2-acetamido-2-deoxy-3-D-glycopyranosidase inhibitors **Biogen MA Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019243434 Low frequency DAS well interference evaluation **ConocoPhillips Company** The nature of the amendment is as

Amendments

shown in the statement(s) filed 07 Oct 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019301628 Pyridine carboxamide compounds for inhibiting NaV1.8 **Lieber Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2024 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2019350801 Fat accumulation inhibitor and blood lipid level improving agent **Asahi Group Holdings, Ltd.** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020213431 A process for producing synthetic jet fuel **Greenfield Global Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Oct 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020220061 Child restraint with harness adjustment **Dorel Australia Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2021

2021273624 Orthogonal Cas9 proteins for RNA-guided gene regulation and editing **President and Fellows of Harvard College** The nature of the amendment is as shown in the statement(s) filed 28 Oct 2024 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2021299156 Injectable composition comprising GnRH analogue **Chong Kun Dang Pharmaceutical Corp.** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021380947 PROCESSES FOR PREPARING ARIMOCLOMOL CITRATE AND INTERMEDIATES THEREOF **ZEVRA DENMARK A/S** The nature of the amendment is as shown in the statement(s) filed 09 Oct 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2022

2022203291 Method of producing concentrated or dried acid-gellable whey protein aggregates, and related compositions and food products **Arla Foods Amba** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022214989 GLUE SUPPLY DEVICE FOR GYPSUM BOARD, GYPSUM BOARD PRODUCTION DEVICE, AND METHOD FOR PRODUCING GYPSUM BOARD **YOSHINO GYPSUM CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

Amendments

2017

2017296095 **BioNTech SE; Genmab A/S** The nature of the amendment is as shown in the statement filed 07 Aug 2024

2017316604 **TeneoBio, Inc.** The nature of the amendment is: Amend the name of the inventor to read van Schooten, Wim; Force Aldred, Shelley; Trinklein, Nathan; Bruggemann, Marianne and Osborn, Michael

2017431376 **Swiss Transportation Research Institute AG** The nature of the amendment is as shown in the statement filed 06 Aug 2024

2018

2018204353 **MacDon Industries Ltd** The nature of the amendment is as shown in the statement filed 07 Aug 2024

2018219975 **CSR Building Products Limited** The nature of the amendment is as shown in the statement filed 17 Jul 2024

2018275881 **Genzyme Corporation** The nature of the amendment is as shown in the statements filed 17 Oct 2024 and 29 Oct 2024

2019

2019204683 **Alspecc Trading Limited** The nature of the amendment is: Amend the name of the inventor to read Piez, Robert Maxwell

2019208331 **Cytokinetics, Inc.** The nature of the amendment is as shown in the statement filed 12 Jul 2024

2019336199 **Applied Medical Resources Corporation** The nature of the amendment is: Amend the name of the inventor to read ADL, Sean; SOTO, Andrew and GORIN, Igor

2019347357 **Adeka Corporation** The nature of the amendment is: Amend the invention title to read Nucleating agent, synthetic-resin composition containing same, and molded object thereof

2019371243 **Bruker Spatial Biology, Inc.; MacroGenics, Inc.; Nottingham Trent University** The nature of the amendment is: Amend the name of the inventor to read DAVIDSON, Jan Kenneth; CHURCH, Sarah and RUTELLA, Sergio

2021

2021346836 **SunCoal Industries GmbH** The nature of the amendment is: Amend the name of the inventor to read SCHWAIGER, Bernhard; WITTMANN, Tobias; PODSCHUN, Jacob and STÜCKER, Alexander

2021450620 **LG Electronics Inc.** The nature of the amendment is as shown in the statement filed 27 Sep 2024

2022

2022271866 **PURDUE RESEARCH FOUNDATION** The nature of the amendment is: Amend the name of the inventor to read LOW, Philip; SRINIVASARAO, Madduri; LINDEMAN, Spencer; GARDEEN, Spencer; JUNG, Losha Dasol and KALLEPU, Shivakrishna

Amendments

2022286923 **HONOR SYSTEMS LLC** The nature of the amendment is as shown in the statement filed 07 Aug 2024

2022324627 **3SPINE, INC.** The nature of the amendment is as shown in the statement filed 02 Oct 2024

2022449433 **HANGZHOU GREAT STAR INDUSTRIAL CO., LTD.** The nature of the amendment is: Amend the invention title to read RATCHET MECHANISM AND HAND TOOL

2023

2023207134 **KDH ADVANCED RESEARCH PTY LTD** The nature of the amendment is: Amend the name of the inventor to read RA-JASEKHARAN UNNITHAN, Ranjith and LIANG, Wei-Young

2023225179 **CERES INTELLECTUAL PROPERTY COMPANY LIMITED** The nature of the amendment is: Amend the name of the inventor to read BEN AISSA, Hacib

2023238937 **NXERA PHARMA UK LIMITED** The nature of the amendment is: Amend the name of the inventor to read HUTCHINGS, Catherine; OSBORNE, Greg; SCHLENKER, Oliver; OKRASA, Krzysztof; ZHUKOV, Andrei; SCHMID, Annika; KRAUS, Alexandra and RÜHLE, Dorothee

2023239011 **TAE TECHNOLOGIES, INC.** The nature of the amendment is: Amend the name of the inventor to read SUYAKOV, Sergey and GOLUBEV, Sergey Alexandrovich

2023243021 **TAE TECHNOLOGIES, INC.** The nature of the amendment is: Amend the name of the inventor to read FASCHING, Rainer and LOVENESS, Ghryn Evan

2023243125 **GALDERMA HOLDING SA** The nature of the amendment is: Amend the name of the inventor to read KNAPIK CECCON, Ruandro Victor; JOLY-TONETTI, Nicolas; LE NOEL, Virginie; PASCAL-SUISSE, Sandrine Therese Beatrice; LACHMANN, Nadège Maryline; CHO, Hyun Dae; SEO, Jae Yong and GRIVET-SEYVE, Mathieu

2023243878 **BIOTHEUS INC.** The nature of the amendment is as shown in the statement filed 18 Oct 2024

2023250660 **REGENXBIO INC.** The nature of the amendment is: Amend the invention title to read PHARMACEUTICAL COMPOSITION COMPRISING A RECOMBINANT ADENOASSOCIATED VIRUS VECTOR WITH AN EXPRESSION CASSETTE ENCODING A TRANS-GENE FOR SUPRACHOROIDAL ADMINISTRATION

2023253198 **DE LA RUE INTERNATIONAL LIMITED** The nature of the amendment is as shown in the statement filed 29 Oct 2024

2023253446 **KEWPIE CORPORATION; KEWPIE EGG CORPORATION** The nature of the amendment is: Amend the invention title to read BASE MATERIAL FOR COAGULATED EGG-LIKE GELATINIZED PRODUCT, METHOD FOR PRODUCING COAGULATED EGG-LIKE GELATINIZED PRODUCT, COAGULATED EGG-LIKE GELATINIZED PRODUCT, AND FOOD PRODUCT

Amendments

2023258816 **AKITA PREFECTURAL UNIVERSITY; PANASONIC HOLDINGS CORPORATION** The nature of the amendment is as shown in the statement filed 17 Oct 2024

2023264851 **QUADRAM INSTITUTE BIOSCIENCE** The nature of the amendment is: Amend the name of the inventor to read Charles, Ian; O'Grady, Justin; Page, Andrew and Narbad, Arjan

2023280138 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read BATTERY RACK WITH IMPROVED COOLING STRUCTURE

2023284213 **ISHIHARA SANGYO KAISHA, LTD.** The nature of the amendment is: Amend the invention title to read Herbicidal composition containing difluorobutenoic acid amide compound

2023285796 **The NOCO Company** The nature of the amendment is: Add further divisional application details as 2023206145

2023309968 **HOYA LENS THAILAND LTD.** The nature of the amendment is: Amend the invention title to read METHOD FOR DESIGNING SPECTACLE LENS, METHOD FOR MANUFACTURING SPECTACLE LENS, SPECTACLE LENS, AND EYEGLASSES

2024

2024205229 **LINEAGE LOGISTICS, LLC** The nature of the amendment is as shown in the statement filed 06 Aug 2024

2024211006 **PANGANG GROUP PANZHILIA IRON & STEEL RE-SEARCH INSTITUTE CO., LTD.; PANGANG GROUP PANZHILIA STEEL & VANADIUM CO., LTD.** The nature of the amendment is: Amend the invention title to read An anti engine burn fracture and high-toughness steel rail and preparation method thereof

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

2010

2010212733 **Metso Outotec Finland Oy; OUTOKUMPU OYJ** The name of the patentee has been altered to **OUTOKUMPU OYJ; Metso Metals Oy**

2012

2012270290 **Outokumpu Oy; Metso Outotec Finland Oy** The name of the patentee has been altered to **Metso Metals Oy; Outokumpu Oy**

2014

2014389998 **MEP Equine Solutions LLC** The name of the patentee has been altered to **Parasight System Inc.**

2017

2017206631 **Forty Seven, Inc.** The name of the patentee has been altered to **Forty Seven, LLC**

2018

2018343256 **Zynerba Pharmaceuticals, Inc.** The name of the applicant has been altered to **Harmony Biosciences Management, Inc.**

Amendments

2019

2019282765 **Tufts University** The name of the applicant has been altered to **Trustees of Tufts College**

2019396750 **Zynerba Pharmaceuticals, Inc.** The name of the applicant has been altered to **Harmony Biosciences Management, Inc.**

2020

2020200599 **MEP Equine Solutions LLC** The name of the patentee has been altered to **Parasight System Inc.**

2020323836 **Rohm and Haas Electronic Materials Singapore Pte. Ltd.** The name of the applicant has been altered to **DuPont Specialty Materials Singapore Pte. Ltd**

2020348310 **Zynerba Pharmaceuticals, Inc.** The name of the applicant has been altered to **Harmony Biosciences Management, Inc.**

2020350605 **Zynerba Pharmaceuticals, Inc.** The name of the applicant has been altered to **Harmony Biosciences Management, Inc.**

2021

2021202966 **Forty Seven, Inc.** The name of the patentee has been altered to **Forty Seven, LLC**

2021203361 **Illumina, Inc.** The name of the applicant has been altered to **Illumina, Inc.; Illumina Cambridge Limited**

2021219002 **Pilates Equipment Ltd** The name of the applicant has been altered to **Reform RX Ltd**

2021227420 **CSL DualCom Limited** The name of the applicant has been altered to **CSL (DualCom) Limited**

2021281118 **Zynerba Pharmaceuticals, Inc.** The name of the applicant has been altered to **Harmony Biosciences Management, Inc.**

2021301406 **Zynerba Pharmaceuticals, Inc.** The name of the applicant has been altered to **Harmony Biosciences Management, Inc.**

2021392090 **Zynerba Pharmaceuticals, Inc.** The name of the applicant has been altered to **Harmony Biosciences Management, Inc.**

2022

2022213009 **Zynerba Pharmaceuticals, Inc.** The name of the applicant has been altered to **Harmony Biosciences Management, Inc.**

2022353171 **Zelestium Technologies, S.L.** The name of the applicant has been altered to **Zelestium Technologies, S.L.**

2022373753 **Zynerba Pharmaceuticals, Inc.** The name of the applicant has been altered to **Harmony Biosciences Management, Inc.**

2023

2023232217 **SHANGHAI LONGVAULT ENERGY TECHNOLOGY CO., LTD.** The name of the applicant has been altered to **Jiangsu LongVault Energy Technology Co., Ltd.**

Amendments

2023240075 AYTHEON BBN TECHNOLOGIES CORP. ; COLUMBIA UNIVERSITY The name of the applicant has been altered to **RTX BBN TECHNOLOGIES, INC.; COLUMBIA UNIVERSITY**

2023264278 VITA ZAHNFABRIK The name of the applicant has been altered to **VITA ZAHNFABRIK H. RAUTER GMBH & CO. KG**

2023903534 Relectrify Pty Ltd The name of the applicant has been altered to **Relectrify Holdings Pty Ltd**

2024

2024205778 Zynerba Pharmaceuticals, Inc. The name of the applicant has been altered to **Harmony Biosciences Management, Inc.**

2024903392 PYC Therapeutics Limited The name of the applicant has been altered to **Vision Pharma Pty Ltd**

2024903454 St Vincent's Hospital The name of the applicant has been altered to **St Vincent's Hospital Sydney Limited**

Applications Open to Public Inspection

Name Index

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

AbbVie Inc. see Calico Life Sciences LLC (21) 2024227527	(43) 14.11.2024 (62) 2022235565 (72) DUCHON, Douglas J.; BHATIA, Mohit; SMIELL, Janice M.; TETZLOFF, Ryan Glen (74) Spruson & Ferguson	(43) 14.11.2024 (62) 2021298659 (72) QUINN, Louis; VO, Duc Dinh Minh; VO, Nhat; CHALLA, Subhash (74) RnB IP Pty Ltd
(71) Alerje, Inc. (11) AU-A-2024227655 (21) 2024227655 (22) 25.10.2024 (54) System and method for monitoring and managing patients undergoing immuno-therapy (51) Int. Cl. G06Q 50/00 (2012.01) (43) 14.11.2024 (62) 2021308628 (72) EVELYN, Javier; MARTIN, William Hunter; KANG, Dustin (74) Allens Patent & Trade Mark Attorneys	(71) Amazentis SA (11) AU-A-2024227657 (21) 2024227657 (22) 25.10.2024 (54) Process-scale synthesis of urolithin A (51) Int. Cl. C07D 311/80 (2006.01) (43) 14.11.2024 (62) 2019227733 (72) SKRANC, Wolfgang; YIANNIKOUR-OS, George; TROFIMOV, Alexander; SHAN, Zhixing; GOSS, Christopher (74) Spruson & Ferguson	(71) Angel Group Co., Ltd. (11) AU-A-2024227492 (21) 2024227492 (22) 21.10.2024 (54) GAMING ACTIVITY MONITORING SYSTEMS AND METHODS (51) Int. Cl. G07F 17/32 (2006.01) G06N 3/02 (2006.01) G06N 20/00 (2019.01) G06T 7/10 (2017.01) G06T 7/73 (2017.01) (43) 14.11.2024 (62) 2021298659 (72) QUINN, Louis; VO, Duc Dinh Minh; VO, Nhat; CHALLA, Subhash (74) RnB IP Pty Ltd
(71) ALGOFORCE PTY LTD (11) AU-A-2024202462 (21) 2024202462 (22) 16.04.2024 (54) Handheld Underground Metal Detector with Adaptive Display (51) Int. Cl. G01V 3/165 (2006.01) G01V 3/08 (2006.01) G01V 3/10 (2006.01) G06F 3/14 (2006.01) (31) 2023901230 (32) 26.04.23 (33) AU (43) 14.11.2024 (72) HUANG, Ruifeng; ZHAO, Yantao (74) Arceo IP	(71) AMES TOOLS CORPORATION (11) AU-A-2024227674 (21) 2024227674 (22) 28.10.2024 (54) Compound applicator (51) Int. Cl. B05C 17/015 (2006.01) B05C 17/01 (2006.01) E04F 21/165 (2006.01) (43) 14.11.2024 (62) 2022361064 (72) JUNGKLAUS, Matthew W.; VENTURA, Michael T. (74) Griffith Hack	(71) Angel Group Co., Ltd. (11) AU-A-2024227493 (21) 2024227493 (22) 21.10.2024 (54) GAMING ACTIVITY MONITORING SYSTEMS AND METHODS (51) Int. Cl. G07F 17/32 (2006.01) G06N 3/02 (2006.01) G06N 20/00 (2019.01) G06T 7/73 (2017.01) G06V 10/82 (2022.01) G06V 40/10 (2022.01) (43) 14.11.2024 (62) 2021298659 (72) QUINN, Louis; VO, Duc Dinh Minh; VO, Nhat; CHALLA, Subhash (74) RnB IP Pty Ltd
(71) Allergan, Inc. (11) AU-A-2024227541 (21) 2024227541 (22) 22.10.2024 (54) Sustained-release implants for lowering intraocular pressure with extended duration of effect (51) Int. Cl. A61K 9/00 (2006.01) A61K 31/5575 (2006.01) A61K 47/34 (2017.01) (43) 14.11.2024 (62) 2018366214 (72) ROBINSON, Michael R.; BEJANIAN, Marina; CHEN, Michelle Y. (74) Davies Collison Cave Pty Ltd	(71) Angel Group Co., Ltd. (11) AU-A-2024202728 (21) 2024202728 (22) 26.04.2024 (54) GAMING TABLE SYSTEM AND SYSTEM (51) Int. Cl. G07F 17/32 (2006.01) (31) 2023-075292 (32) 28.04.23 (33) JP (43) 14.11.2024 (72) Shigeta, Yasushi (74) RnB IP Pty Ltd	(71) Aprnimed, Inc. (Delaware) (11) AU-A-2024227631 (21) 2024227631 (22) 25.10.2024 (54) Methods and compositions for treating sleep apnea (51) Int. Cl. A61K 45/06 (2006.01) A61K 31/138 (2006.01) A61K 31/216 (2006.01) A61P 11/00 (2006.01) A61P 25/00 (2006.01) (43) 14.11.2024 (62) 2019214891 (72) MILLER, Lawrence G.; WOHL, Barry; LUNSMANN, Walter J. (74) Spruson & Ferguson
(71) Alliqua Biomedical, Inc. (11) AU-A-2024227630 (21) 2024227630 (22) 25.10.2024 (54) Systems and methods for delivering cellular and biological materials using ultrasound for wound treatment and healing (51) Int. Cl. A61N 7/00 (2006.01)	(71) Angel Group Co., Ltd. (11) AU-A-2024227491 (21) 2024227491 (22) 21.10.2024 (54) GAMING ACTIVITY MONITORING SYSTEMS AND METHODS (51) Int. Cl. G07F 17/32 (2006.01) G06N 3/02 (2006.01) G06N 20/00 (2019.01) G06T 7/10 (2017.01) G06T 7/73 (2017.01)	(71) Apple Inc. (11) AU-A-2024227576

Applications Open to Public Inspection - Name Index cont'd

- (21) 2024227576 (22) 24.10.2024
(54) Locating electronic devices and associated wireless accessories
(51) Int. Cl.
H04W 64/00 (2009.01)
H04W 8/00 (2009.01)
(43) 14.11.2024
(62) 2022268328
(72) LOPATIN, Scott; LALANDE, Emmanuel; LU, Lawrence T.; MAYOR, Robert W.; MOVVA, Siva Ganesh; PAI, Raghunandan K.; POONIA, Munish K.; ROCHETTE, Tommy; SCHAEVITZ, Sam; SIERRA, Yannick L.; SUPARNA, Navin Bindiganavile; WASADA, Langford
(74) FPA Patent Attorneys Pty Ltd
-
- (71) ASSA ABLOY AUSTRALIA PTY LIMITED
(11) AU-A-2024202495
(21) 2024202495 (22) 17.04.2024
(54) ROTARY ABSOLUTE ENCODER, LOCK AND METHOD OF OPERATING A LOCK
(51) Int. Cl.
E05B 47/00 (2006.01)
(31) EP23170259.8 (32) 27.04.23 (33) EP
(43) 14.11.2024
(72) Chang, Richard; Chen, Yike
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) Atlas Pacific Engineering Company
(11) AU-A-2024202760
(21) 2024202760 (22) 28.04.2024
(54) Systems and methods for removing a covering from an item of produce
(51) Int. Cl.
B02B 3/04 (2006.01)
(31) 63/498,860 (32) 28.04.23 (33) US
(43) 14.11.2024
(72) RENZ, John William; WEBER, Jennifer Marie
(74) FB Rice Pty Ltd
-
- (71) Aussie Wine Group Holdings Pty Ltd
(11) AU-A-2024227443
(21) 2024227443 (22) 18.10.2024
(54) Separator for a grape collection unit
(51) Int. Cl.
A01D 46/28 (2006.01)
A23N 15/02 (2006.01)
(43) 14.11.2024
(62) 2021323040
(72) VILLIS, Malcolm
(74) Dentons Patent Attorneys Australasia Limited
-
- (71) Beijing Baidu Netcom Science Technology Co., Ltd.
(11) AU-A-2023285765
(21) 2023285765 (22) 20.12.2023
(54) PROCESSING METHOD AND APPARATUS FOR QUANTUM MEASUREMENT AND CONTROL CHANNEL, DEVICE, AND STORAGE MEDIUM
(51) Int. Cl.

- G06N 10/00** (2022.01)
(31) 202310475117.4 (32) 27.04.23 (33) CN
(43) 14.11.2024
(72) Wang, He
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) Bigfoot Biomedical, Inc.
(11) AU-A-2024227563
(21) 2024227563 (22) 23.10.2024
(54) THERAPY ASSIST INFORMATION AND/OR TRACKING DEVICE AND RELATED METHODS AND SYSTEMS
(51) Int. Cl.
G16H 20/17 (2018.01)
G16H 40/63 (2018.01)
G16H 40/67 (2018.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
(43) 14.11.2024
(62) 2018383743
(72) SJOLUND, John; SRINATH, Ambika; BOCHENKO, Andrew; CROTHALL, George; MAZLISH, Bryan; BLOCK, Jennifer Martin; MATARESE, Sarah; MACKOWIAK, Linda; DESBOROUGH, Lane
(74) Dark IP
-
- (71) Bignell, P.
(11) AU-A-2023202650
(21) 2023202650 (22) 10.05.2023
(54) Shower caddy with built in wine glass and beer can holder
(51) Int. Cl.
A47K 3/28 (2006.01)
A47G 23/02 (2006.01)
(31) 2023901221 (32) 26.04.23 (33) AU
(43) 14.11.2024
(72) Bignell, Peter
(74) Peter Bignell
-
- (71) Biocon Limited
(11) AU-A-2024227640
(21) 2024227640 (22) 25.10.2024
(54) A monoclonal antibody and a method of use for the treatment of lupus
(51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
(43) 14.11.2024
(62) 2017344462
(72) Nair, Pradip; Sadashivarao, Ravindra Belavinakodige; Melarkode, Ramakrishnan
(74) Davies Collison Cave Pty Ltd
-
- (71) BioNTech US Inc.
(11) AU-A-2024227645
(21) 2024227645 (22) 25.10.2024
(54) T cell receptor constructs and uses thereof
(51) Int. Cl.
C07K 14/725 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C12N 5/0783 (2010.01)

- (43) 14.11.2024
(62) 2019321608
(72) JUNEJA, Vikram; CHOI, Jaewon
(74) Spruson & Ferguson
-
- (71) Boehringer Ingelheim International GmbH; ViraTherapeutics GmbH
(11) AU-A-2024227547
(21) 2024227547 (22) 23.10.2024
(54) Recombinant rhabdovirus encoding for CCL21
(51) Int. Cl.
A61K 35/766 (2015.01)
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
(43) 14.11.2024
(62) 2020211350
(72) MUELLER, Philipp; ERB, Klaus; ERLMANN, Patrik; NOLDEN, Tobias; PARK, John Edward; WOLLMANN, Guido
(74) Spruson & Ferguson
-
- Boral IP Holdings (Australia) PTY Limited**
see Keyte, L.
(21) 2024227639
-
- (71) Boston Scientific Scimed, Inc.
(11) AU-A-2024227632
(21) 2024227632 (22) 25.10.2024
(54) Grappling systems and methods for lumen apposition or wound defects
(51) Int. Cl.
A61B 17/02 (2006.01)
A61B 17/064 (2006.01)
A61B 17/068 (2006.01)
(43) 14.11.2024
(62) 2021336228
(72) PIC, Andrew; KING, Joseph W.; SAENZ VILLALOBOS, Gonzalo Jose; AMAYA PINEDA, Deborah
(74) Spruson & Ferguson
-
- (71) Braime Group PLC
(11) AU-A-2024227633
(21) 2024227633 (22) 25.10.2024
(54) System and Method for Material Conveyor Container Wear Monitoring
(51) Int. Cl.
B65G 43/00 (2006.01)
B65G 17/12 (2006.01)
G06K 19/07 (2006.01)
(43) 14.11.2024
(62) 2022203429
(72) Dennis, Paul M.
(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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- (71) Breville USA, Inc.
(11) AU-A-2024227678
(21) 2024227678 (22) 28.10.2024
(54) Food preparation control system
(51) Int. Cl.
G06Q 50/12 (2012.01)
G06Q 10/08 (2023.01)
G06Q 50/10 (2012.01)

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(43) 14.11.2024
 (62) 2022241549
 (72) YOUNG, Christopher Charles; SALAZ-AR, Nelson Timothy; BARTON, Emmett; NATKIN, Michael; BALDWIN, Douglas Eugene
 (74) GLMR

(71) Brian Investments Pty Ltd
 (11) AU-A-2024227665
 (21) 2024227665 (22) 25.10.2024
 (54) Releasable Fastener
 (51) Int. Cl.
F16B 21/09 (2006.01)
F16B 35/04 (2006.01)
 (43) 14.11.2024
 (62) 2022202297
 (72) Davies, Brian
 (74) WRAYS PTY LTD

(71) Britax Römer Kindersicherheit GmbH
 (11) AU-A-2024202540
 (21) 2024202540 (22) 17.04.2024
 (54) SUPPORT LEG REBOUND LOCK
 (51) Int. Cl.
B60N 2/28 (2006.01)
 (31) 23170704.3 (32) 28.04.23 (33) EP
 (43) 14.11.2024
 (72) Brenner, Marcel
 (74) K&L Gates

(71) BRNC Industries Pty Ltd
 (11) AU-A-2024227551
 (21) 2024227551 (22) 23.10.2024
 (54) Magnetic Camera Mount
 (51) Int. Cl.
G03B 17/00 (2021.01)
F16M 11/00 (2006.01)
F16M 13/02 (2006.01)
 (43) 14.11.2024
 (62) 2022241593
 (72) BOXER, Mark
 (74) Arceo IP

(71) Calico Life Sciences LLC; AbbVie Inc.
 (11) AU-A-2024227527
 (21) 2024227527 (22) 22.10.2024
 (54) Modulators of the integrated stress pathway
 (51) Int. Cl.
C07D 213/73 (2006.01)
A61K 31/44 (2006.01)
A61P 35/00 (2006.01)
C07C 235/00 (2006.01)
C07D 213/30 (2006.01)
C07D 213/64 (2006.01)
C07D 213/66 (2006.01)
C07D 231/56 (2006.01)
C07D 237/14 (2006.01)
C07D 237/16 (2006.01)
C07D 241/18 (2006.01)
C07D 261/08 (2006.01)
C07D 261/20 (2006.01)
C07D 271/113 (2006.01)
C07D 317/64 (2006.01)
C07D 401/04 (2006.01)
C07D 405/08 (2006.01)

C07D 471/04 (2006.01)
 (43) 14.11.2024
 (62) 2022200946
 (72) Sidrauski, Carmela; Pliushchev, Marina; Frost, Jennifer M.; Black, Lawrence A.; Xu, Xiangdong; Sweis, Ramzi Farath; Shi, Lei; Zhang, Qingwei; Tong, Yunsong; Hutchins, Charles W.; Chung, Seungwon; Dart, Michael J.
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) California Institute of Technology; Foldax, Inc.
 (11) AU-A-2024227528
 (21) 2024227528 (22) 22.10.2024
 (54) Systems, devices, and methods relating to the manufacture of intravascularly implantable prosthetic valves
 (51) Int. Cl.
A61F 2/00 (2006.01)
A61F 2/02 (2006.01)
A61F 2/06 (2013.01)
A61F 2/24 (2006.01)
A61F 2/82 (2013.01)
A61L 27/54 (2006.01)
B29C 41/14 (2006.01)
 (43) 14.11.2024
 (62) 2018383609
 (72) GHARIB, Morteza; BEDROSSIAN, Manuel; RIDER, Stephanie; BEITH, Jason G.
 (74) AJ PARK

(71) Canon Kabushiki Kaisha
 (11) AU-A-2024227569
 (21) 2024227569 (22) 23.10.2024
 (54) Drum unit, cartridge and coupling member
 (51) Int. Cl.
G03G 15/00 (2006.01)
G03G 15/08 (2006.01)
G03G 21/16 (2006.01)
G03G 21/18 (2006.01)
 (43) 14.11.2024
 (62) 2022268284
 (72) UESUGI, Tetsuo; HAYASHIDA, Makoto; YAMAGUCHI, Koji; YANO, Takashi
 (74) Spruson & Ferguson

(71) Cantor Index, LLC
 (11) AU-A-2024227515
 (21) 2024227515 (22) 22.10.2024
 (54) COMPUTER GRAPHICS PROCESSING METHODS AND SYSTEMS FOR PRESENTATION OF GRAPHICS OBJECTS OR TEXT IN A WAGERING ENVIRONMENT
 (51) Int. Cl.
A63F 9/24 (2006.01)
A63F 13/00 (2014.01)
 (43) 14.11.2024
 (62) 2023203500
 (72) Riches, Guy Iain Oliver; Amaitis, Lee; Davie, Christopher John; Lawrey, Peter Kenneth; Puckeridge, David A.
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Capital One Services, LLC
 (11) AU-A-2024227681
 (21) 2024227681 (22) 28.10.2024
 (54) System and method for dynamic generation of URL by smart card
 (51) Int. Cl.
G06F 21/62 (2013.01)
G06K 19/07 (2006.01)
 (43) 14.11.2024
 (62) 2019302646
 (72) RULE, Jeffrey; LUTZ, Wayne; MORETON, Paul; OSBORN, Kevin
 (74) Spruson & Ferguson

(71) CHENGDU ALANGTECH CO., LTD.
 (11) AU-A-2024202473
 (21) 2024202473 (22) 16.04.2024
 (54) Device for manufacturing steel bifurcated pipes and manufacturing method thereof
 (51) Int. Cl.
B23K 37/053 (2006.01)
B23K 9/028 (2006.01)
B23K 9/127 (2006.01)
B23K 37/02 (2006.01)
B23K 37/047 (2006.01)
B23K 101/10 (2006.01)
 (31) CN2023104812981 (32) 28.04.23 (33) CN
 (43) 14.11.2024
 (72) Peng, Peng; Xie, Jianguo; Jiang, Linkui; Wang, Bingbao; Feng, Menglin
 (74) Armour IP

(71) Children's Medical Center Corporation
 (11) AU-A-2024227102
 (21) 2024227102 (22) 04.10.2024
 (54) METHODS AND USES THEREOF OF PROSAPOSIN
 (51) Int. Cl.
C12N 15/62 (2006.01)
A61K 38/54 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
C07K 14/475 (2006.01)
 (43) 14.11.2024
 (62) 2021261976
 (72) Watnick, Randolph
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Chongqing Changan Automobile Co., Ltd.
 (11) AU-A-2023285776
 (21) 2023285776 (22) 20.12.2023
 (54) Whole vehicle software incremental upgrade method, system and vehicle
 (51) Int. Cl.
G06F 8/658 (2018.01)
 (31) 2023104754736 (32) 27.04.23 (33) CN
 (43) 14.11.2024
 (72) Long, Hui; Liu, Ping; Ren, Yun; Cao, Yongwei
 (74) Davies Collison Cave Pty Ltd

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(71) CIVCO Medical Instruments, Co., Inc.
(11) AU-A-2024227607
(21) 2024227607 (22) 24.10.2024
(54) Transperineal puncture device guide
(51) Int. Cl.

A61B 8/08 (2006.01)
A61B 8/00 (2006.01)
A61B 8/12 (2006.01)
A61B 17/34 (2006.01)

(43) 14.11.2024
(62) 2021385089
(72) WHITMORE, Willet; MEDER, Tim;
SMITH, Paul; MOODY, Sam; PANKOW,
Hannah; MYHRE, Mackenzie;
MYRAND, Caroline
(74) Spruson & Ferguson

(71) CONCRETE LIFTING SYSTEMS NZ
LIMITED

(11) AU-A-2024202732
(21) 2024202732 (22) 26.04.2024
(54) LIFTING ANCHOR
(51) Int. Cl.

E04G 21/14 (2006.01)
B66C 1/66 (2006.01)
E04C 5/12 (2006.01)
E04G 21/16 (2006.01)
E04C 2/00 (2006.01)

(31) 799488 (32) 28.04.23 (33) NZ
(43) 14.11.2024
(72) CAMPBELL, James Gilmour
(74) AJ PARK

(71) Confoil Pty Ltd
(11) AU-A-2024202633
(21) 2024202633 (22) 23.04.2024
(54) MANUFACTURE OF PRESSED
BOARD TRAYS
(51) Int. Cl.

B31B 50/25 (2017.01)
B26D 3/08 (2006.01)
B31B 50/04 (2017.01)
B31B 50/14 (2017.01)
B31F 1/07 (2006.01)
A47G 19/03 (2006.01)

(31) 2023901249 (32) 28.04.23 (33) AU
(43) 14.11.2024
(72) HENDERSON, Andrew James; RO-
GERS, Wayne Edwin
(74) PIPERS

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University of Akron**

(21) 2024227617

(71) COOPERVISION INTERNATIONAL
LIMITED

(11) AU-A-2024227594
(21) 2024227594 (22) 24.10.2024
(54) Methods of increased contact lens rota-
tion
(51) Int. Cl.

G02C 7/04 (2006.01)

(43) 14.11.2024
(62) 2022266145
(72) ARUMUGAM, Baskar; BRADLEY, Ar-
thur; WEBBER, Martin; CHAMBER-
LAIN, Paul
(74) Griffith Hack

**Coronado Aesthetics, LLC see nanoCom-
posix, Inc.**

(21) 2024227663

(71) Cosno (WA) Pty Ltd; Monson, R.
(11) AU-A-2024227488
(21) 2024227488 (22) 19.10.2024
(54) Inferencing Learning and Utilisation
System and Method
(51) Int. Cl.

G06N 5/04 (2023.01)
G06F 17/18 (2006.01)
G06F 40/20 (2020.01)

(43) 14.11.2024
(62) 2016343300
(72) Monson, Ronald Christopher
(74) Ronald Monson

(71) CTX, LLC
(11) AU-A-2024227548
(21) 2024227548 (22) 23.10.2024
(54) TECHNIQUES FOR MANAGING
SCALE FORMATION IN WATER FIL-
TRATION SYSTEMS AND A RE-
VERSE OSMOSIS (RO) AND NANO-
FILTRATION (NF) SYSTEM IMPE-
LEMENTING SAME
(51) Int. Cl.

B01D 37/04 (2006.01)
B01D 61/02 (2006.01)
B01D 61/12 (2006.01)
C02F 1/00 (2023.01)

(43) 14.11.2024
(62) 2020437157
(72) SMITH, Stanton Russel
(74) Pizzey's Patent and Trade Mark Attor-
neys Pty Ltd

(71) DAIKYO SEIKO, LTD.

(11) AU-A-2023331398
(21) 2023331398 (22) 16.11.2023
(54) TRANSPORT CONTAINER
(51) Int. Cl.

A61B 50/30 (2016.01)
A61J 1/00 (2023.01)
B65D 81/133 (2006.01)

(31) 2023-074548 (32) 28.04.23 (33) JP
(43) 14.11.2024
(72) YOSHIDA Takayuki
(74) Spruson & Ferguson

(71) Deciphera Pharmaceuticals, LLC
(11) AU-A-2024227536
(21) 2024227536 (22) 22.10.2024
(54) Combination therapy for the treatment
of gastrointestinal stromal tumors
(51) Int. Cl.

A61K 31/155 (2006.01)
A61K 31/4375 (2006.01)

A61P 35/00 (2006.01)
(43) 14.11.2024
(62) 2019215081
(72) FLYNN, Daniel L.; SMITH, Bryan D.;
GUPTA, Anu
(74) Spruson & Ferguson

(71) Deciphera Pharmaceuticals, LLC
(11) AU-A-2024227537
(21) 2024227537 (22) 22.10.2024
(54) Combination therapy for the treatment
of mastocytosis
(51) Int. Cl.

A61K 31/155 (2006.01)
A61K 31/4375 (2006.01)
A61P 43/00 (2006.01)

(43) 14.11.2024
(62) 2019216351
(72) FLYNN, Daniel L.; SMITH, Bryan D.;
GUPTA, Anu
(74) Spruson & Ferguson

(71) Deciphera Pharmaceuticals, LLC
(11) AU-A-2024227597
(21) 2024227597 (22) 24.10.2024
(54) Amorphous kinase inhibitor formula-
tions and methods of use thereof
(51) Int. Cl.

A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61K 31/00 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
C07C 15/00 (2006.01)

(43) 14.11.2024
(62) 2023248048
(72) KAUFMAN, Michael D.; BONE, Scott;
BLOOM, Corey; JORDAN, Fred
(74) Spruson & Ferguson

(71) DENTROID PTY LTD

(11) AU-A-2024227520
(21) 2024227520 (22) 22.10.2024
(54) INSTRUMENTS AND CORRESPOND-
ING PROCEDURAL METHODS FOR
PERFORMING PHOTOBIOMODULA-
TION THERAPY
(51) Int. Cl.

A61N 5/06 (2006.01)
A61B 18/20 (2006.01)
A61B 18/22 (2006.01)
A61C 19/08 (2006.01)
A61N 5/067 (2006.01)
H05B 45/32 (2020.01)

(43) 14.11.2024
(62) 2023366057
(72) WALSH, Laurence
(74) Adams Pluck

(71) Dexcom, Inc.
(11) AU-A-2024227644
(21) 2024227644 (22) 25.10.2024
(54) Invasive biosensor alignment and re-
tention
(51) Int. Cl.

A61B 5/1473 (2006.01)

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(62) 2018334410
(72) LIN, Arthur; WANG, Xianyan; KO, Pey-Jiun
(74) FB Rice Pty Ltd

(71) Dexter Axle Company LLC
(11) AU-A-2024201972
(21) 2024201972 (22) 27.03.2024
(54) Trailer hitch assembly with a sensor
(51) Int. Cl.
B60D 1/62 (2006.01)
B60D 1/24 (2006.01)
(31) 18/309,606 (32) 28.04.23 (33) US
(43) 14.11.2024
(72) Schuh, Eric Joseph; Gonzalez Sanchez, Ruben; Lievore, Samuel Neil; Harper, Jason R.; Barnes, Matthew D.; Anderson, Jed K
(74) Griffith Hack

(71) Dolby International AB
(11) AU-A-2024227599
(21) 2024227599 (22) 24.10.2024
(54) Efficient combined harmonic transposition
(51) Int. Cl.
G10L 21/02 (2013.01)
G10L 21/04 (2013.01)
(43) 14.11.2024
(62) 2024200328
(72) Ekstrand, Per; Villemoes, Lars; Hedelin, Per
(74) Chrysiliou IP

(71) Dorel Australia Pty Ltd
(11) AU-A-2024227530
(21) 2024227530 (22) 22.10.2024
(54) Child restraint with harness adjustment
(51) Int. Cl.
B60N 2/28 (2006.01)
(43) 14.11.2024
(62) 2020220061
(72) THOMAS, Robert; PURCHAS, Mark; CRAWFORD, Andrew; FORSYTH, Ben
(74) FPA Patent Attorneys Pty Ltd

(71) Dorel Australia Pty Ltd
(11) AU-A-2024227531
(21) 2024227531 (22) 22.10.2024
(54) Vehicular child restraint
(51) Int. Cl.
B60N 2/28 (2006.01)
B60R 22/02 (2006.01)
B60R 22/18 (2006.01)
(43) 14.11.2024
(62) 2022268353
(72) THOMAS, Robert; PURCHAS, Mark; CULMONE, Jake; CRAWFORD, Andrew; FORSYTH, Ben; REID, Rob; BETHUNE, Gary
(74) FPA Patent Attorneys Pty Ltd

(71) Drawbridge Health, Inc.
(11) AU-A-2024227606
(21) 2024227606 (22) 24.10.2024

(54) DEVICES, SYSTEMS, AND METHODS FOR SAMPLE COLLECTION
(51) Int. Cl.
A61B 5/15 (2006.01)
(43) 14.11.2024
(62) 2024201653
(72) Beyerlein, Dagmar; Drexel, Masao; Jordan, Brett L.; Jackson, Alicia; Jun-eau, Kara
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Encore Medical, L.P. (d/b/a DJO Surgical)
(11) AU-A-2024227524
(21) 2024227524 (22) 22.10.2024
(54) Glenosphere with inserts for augmented fixation and related methods
(51) Int. Cl.
A61F 2/30 (2006.01)
A61F 2/40 (2006.01)
(43) 14.11.2024
(62) 2023274243
(72) FRANKLE, Mark A.; GUTIERREZ, Sergio; WILLIAMS, Gerald; IANNOTTI, Joseph P.
(74) Davies Collison Cave Pty Ltd

(71) Engeo Incorporated
(11) AU-A-2024227660
(21) 2024227660 (22) 25.10.2024
(54) Systems and methods for remote interaction with portable field measurement equipment
(51) Int. Cl.
G08C 17/02 (2006.01)
G01D 21/02 (2006.01)
G01S 19/26 (2010.01)
(43) 14.11.2024
(62) 2019383358
(72) WURMAN, Gilead; PRICE, Michael John; GRAY, Joseph
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Equifax Inc.
(11) AU-A-2024227581
(21) 2024227581 (22) 24.10.2024
(54) Training or using sets of explainable machine-learning modeling algorithms for predicting timing of events
(51) Int. Cl.
G06N 20/00 (2019.01)
(43) 14.11.2024
(62) 2019264923
(72) DUGGER, Jeffery; MCBURNETT, Michael
(74) FB Rice Pty Ltd

(71) F. Hoffmann La-Roche AG; Genentech, Inc.
(11) AU-A-2024227572
(21) 2024227572 (22) 23.10.2024
(54) Purification of multispecific antibodies
(51) Int. Cl.
C07K 1/18 (2006.01)
C07K 1/22 (2006.01)

C07K 16/06 (2006.01)
C07K 16/22 (2006.01)
(43) 14.11.2024
(62) 2017286676
(72) Giese, Glen Scott; Rosenberg, Eva; Sallier, Bernard; Konrad, Susanne; Koehnlein, Wolfgang; Willmann, Stefan; Bialas, Agathe; Kaleas-Carroll, Kimberly Ann; Yigzaw, Yinges
(74) Griffith Hack

(71) FARRINGTON, S.
(11) AU-A-2023202569
(21) 2023202569 (22) 27.04.2023
(54) A CONSTRUCTION ELEMENT
(51) Int. Cl.
E04B 1/348 (2006.01)
E04B 5/40 (2006.01)
E04C 5/01 (2006.01)
E04H 1/00 (2006.01)
(43) 14.11.2024
(72) FARRINGTON, Stephen
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

FG Innovation Company Limited see Sharp Kabushiki Kaisha
(21) 2024227592

(71) First Data Corporation
(11) AU-A-2024227587
(21) 2024227587 (22) 24.10.2024
(54) Network provisioning and tokenization using a remote terminal
(51) Int. Cl.
G06F 15/177 (2006.01)
(43) 14.11.2024
(62) 2020273135
(72) ACETO, Nicholas; NATHAN, Kevin; NAHRGANG, Kyle; CATULLO, Tom; FOLEY, Pete; MILLER, Bill; BRODERICK, Evan
(74) FB Rice Pty Ltd

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2024227625
(21) 2024227625 (22) 25.10.2024
(54) VALSALVA MASK
(51) Int. Cl.
A61M 16/00 (2006.01)
(43) 14.11.2024
(62) 2022211921
(72) STEPHENSON, Matthew Roger; BORNHOLDT, Melissa Catherine
(74) AJ PARK

Foldax, Inc. see California Institute of Technology
(21) 2024227528

(71) Fulton Hogan Limited
(11) AU-A-2024227558
(21) 2024227558 (22) 23.10.2024

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(54) PORTABLE BARRIER ARM FOR MANUAL TRAFFIC CONTROL
(51) Int. Cl.
E01F 9/669 (2016.01)
E01F 13/00 (2006.01)
E01F 13/06 (2006.01)
(43) 14.11.2024
(62) 2022204550
(72) Horvath, Attila; Bruce, Brad Alan; Stickland, Jared; Gibney, Michael Austin; Davies, Samuel Edwin; Fraser, Stuart John
(74) CreateIP

(71) Fusetec 3D Pty Ltd
(11) AU-A-2023202629
(21) 2023202629 (22) 28.04.2023
(54) Surgical Training Model
(51) Int. Cl.
G09B 23/34 (2006.01)
B33Y 80/00 (2015.01)
G09B 23/28 (2006.01)
(43) 14.11.2024
(61) 2022268359
(72) Roe, Mark
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Fuzhou Autran Industrial Co., Ltd.
(11) AU-A-2024227668
(21) 2024227668 (22) 25.10.2024
(54) DAMPING HINGE
(51) Int. Cl.
E05D 11/10 (2006.01)
E05D 3/02 (2006.01)
(43) 14.11.2024
(62) 2022200252
(72) XUE, Liang; CHEN, Fan
(74) WRAYS PTY LTD

Genentech, Inc. see F. Hoffmann La-Roche AG
(21) 2024227572

(71) Genentech, Inc.
(11) AU-A-2024227573
(21) 2024227573 (22) 23.10.2024
(54) Methods of treating cancer using PD-1 axis binding antagonists and TIGIT inhibitors
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
C07K 14/705 (2006.01)
A01K 67/027 (2006.01)
(43) 14.11.2024
(62) 2021202413
(72) GROGAN, Jane; JOHNSTON, Robert J.; IRVING, Bryan; HACKNEY, Jason; YU, Xin; EATON, Dan; BOWLES, Kristin; COMPS-AGRAR, Laetitia
(74) Griffith Hack

(71) Gilead Sciences, Inc.
(11) AU-A-2024227525
(21) 2024227525 (22) 22.10.2024
(54) Capsid inhibitors for the treatment of HIV
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4375 (2006.01)
A61P 31/12 (2006.01)
A61P 31/18 (2006.01)
C07D 513/04 (2006.01)
(43) 14.11.2024
(62) 2021296607
(72) CHOU, Chienhung; KATO, Darryl; LAZERWITH, Scott E.; LINK, John O.; SCHROEDER, Scott D.; TSE, Winston C.; ZHANG, Jennifer R.
(74) Davies Collison Cave Pty Ltd

(71) GLASS VICE HOLDINGS LIMITED
(11) AU-A-2024202711
(21) 2024202711 (22) 25.04.2024
(54) SUBFLOOR PILE FIXING CONNECTOR AND RELATED SYSTEMS
(51) Int. Cl.
E04B 1/26 (2006.01)
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(31) 799435 (32) 27.04.23 (33) NZ
799866 12.05.23 NZ
(43) 14.11.2024
(72) ALLEN, Warwick James
(74) AJ PARK

(71) Globeride, Inc.
(11) AU-A-2024227510
(21) 2024227510 (22) 21.10.2024
(54) FISHING REEL
(51) Int. Cl.
A01K 89/01 (2006.01)
B65H 75/30 (2006.01)
(43) 14.11.2024
(62) 2023200625
(72) TSUSHIMA, Daisuke; HORIE, Hironori
(74) Griffith Hack

(71) Google LLC
(11) AU-A-2024227513
(21) 2024227513 (22) 21.10.2024
(54) BAYESIAN QUANTUM CIRCUIT FIDELITY ESTIMATION
(51) Int. Cl.
G06N 10/00 (2022.01)
(43) 14.11.2024
(62) 2023203229
(72) SMELYANSKIY, Vadim; KOROTKOV, Alexander; BOIXO CASTRILLO, Sergio
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Google LLC
(11) AU-A-2024227676
(21) 2024227676 (22) 28.10.2024
(54) AUTOMATED ASSISTANT FOR GENERATING, IN RESPONSE TO A REQUEST FROM A USER, APPLICATION INPUT CONTENT USING AP-

PLICATION DATA FROM OTHER SOURCES
(51) Int. Cl.
G06F 3/16 (2006.01)
G06F 9/54 (2006.01)
G06F 16/338 (2019.01)
G10L 15/26 (2006.01)
(43) 14.11.2024
(62) 2023201871
(72) VLASYUK, Bohdan; BEHZADI, Behshad; BERTSCHLER, Mario; BURAKOV, Denis; COTTING, Daniel; GOLIKOV, Michael; MIRELMANN, Lucas; CHENG, Steve; NAZAROV, Sergey; SABUR, Zaheed; LEE, Jonathan; TERRENGHI, Lucia; ZUMBRUNNEN, Adrian
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Grand Performance Online Pty Limited
(11) AU-A-2024227602
(21) 2024227602 (22) 24.10.2024
(54) Autonomous and integrated system, method and computer program for dynamic optimisation and allocation of resources for defined spaces and time periods
(51) Int. Cl.
G06Q 50/12 (2012.01)
G06Q 10/02 (2012.01)
G06Q 10/04 (2023.01)
G06Q 10/08 (2023.01)
(43) 14.11.2024
(62) 2023202000
(72) PETROULAS, Peter
(74) Spruson & Ferguson

(71) Hammersmith Nominees Pty Ltd
(11) AU-A-2024202720
(21) 2024202720 (22) 26.04.2024
(54) Riding saddle
(51) Int. Cl.
B68C 1/04 (2006.01)
(31) 2023901251 (32) 28.04.23 (33) AU
(43) 14.11.2024
(72) BATES, Ronald Gordon
(74) Davies Collison Cave Pty Ltd

(71) Hangzhou Biotest Biotech Co., LTD.
(11) AU-A-2023210574
(21) 2023210574 (22) 02.08.2023
(54) DEVICE FOR TESTING ANALYTE IN LIQUID SAMPLE
(51) Int. Cl.
A61B 10/02 (2006.01)
A61B 5/157 (2006.01)
A61J 1/00 (2023.01)
G01N 1/10 (2006.01)
G01N 33/52 (2006.01)
G01N 33/53 (2006.01)
(31) 2023104728445 (32) 26.04.23 (33) CN
63/501,047 09.05.23 US
(43) 14.11.2024
(72) WU, Shuijiang; HONG, Liang; ZHAO, Qihui; WU, Junsheng; WANG, Yang; ZENG, Xiuying
(74) Baxter Patent Attorneys Pty Ltd

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(71) Hanmi Pharm. Co., Ltd.

(11) AU-A-2024227659

(21) 2024227659 (22) 25.10.2024

(54) Use of a long acting GLP-1/glucagon receptor dual agonist for the treatment of non-alcoholic fatty liver disease

(51) Int. Cl.

A61K 38/26 (2006.01)

A61P 1/16 (2006.01)

(43) 14.11.2024

(62) 2021203106

(72) HWANG, Sang Youn; KIM, Jin Young; KIM, Seung Su; CHOI, In Young; JUNG, Sung Youb; KWON, Se Chang

(74) Spruson & Ferguson

(71) Hazan, S.

(11) AU-A-2024227651

(21) 2024227651 (22) 25.10.2024

(54) Methods of preventing and treating covid-19 infection

(51) Int. Cl.

A61K 31/56 (2006.01)

A61K 31/7048 (2006.01)

A61K 36/24 (2006.01)

(43) 14.11.2024

(62) 2021241498

(72) HAZAN, Sabine

(74) Griffith Hack

(71) HEBEI HAODE RUBBER & PLASTICE CO., LTD.

(11) AU-A-2023387761

(21) 2023387761 (22) 13.07.2023

(54) Ore Conveyor Belt Device

(51) Int. Cl.

B65G 15/08 (2006.01)

B65G 21/22 (2006.01)

(31) 202321024333.9 (32) 28.04.23 (33) CN

(43) 14.11.2024

(72) LI, Yongkang; XIA, Tao; GAO, Qian; ZHAO, Yanhui

(74) James & Wells Intellectual Property

(71) HOWMEDICA OSTEONICS CORP.

(11) AU-A-2024202715

(21) 2024202715 (22) 26.04.2024

(54) TOTAL KNEE REVISION ARTHROPLASTY IMPLANT

(51) Int. Cl.

A61F 2/38 (2006.01)

A61B 17/56 (2006.01)

A61B 17/58 (2006.01)

(31) 63/462,632 (32) 28.04.23 (33) US

(43) 14.11.2024

(72) COLLAZO, Carlos E

(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Iconic Therapeutics LLC

(11) AU-A-2024216328

(21) 2024216328 (22) 23.08.2024

(54) Anti-tissue factor antibodies, antibody-drug conjugates, and related methods

(51) Int. Cl.

C07K 16/36 (2006.01)

A61K 39/395 (2006.01)

(43) 14.11.2024

(62) 2019205330

(72) THEUNISSEN, Jan-Willem; AVERY II, Andrew D.; CAI, Allen G.; COOPER, Anthony Byron; MIGONE, Thi-Sau

(74) FB Rice Pty Ltd

(71) IGT

(11) AU-A-2024202245

(21) 2024202245 (22) 08.04.2024

(54) Bonus Game for a Wagering Game with a Perceived Persistence Game Feature

(51) Int. Cl.

G07F 17/32 (2006.01)

A63F 13/45 (2014.01)

(31) 18/139,701 (32) 26.04.23 (33) US

(43) 14.11.2024

(72) Wagner, Romana; Hufnagl-Abraham, Klaus

(74) Clark Intellectual Property Pty Ltd

(71) IGT

(11) AU-A-2024227532

(21) 2024227532 (22) 22.10.2024

(54) Gaming System Player Identification Device

(51) Int. Cl.

G07F 17/32 (2006.01)

A63F 13/00 (2014.01)

(43) 14.11.2024

(62) 2022268292

(72) Petersen, Erik B.; Higgins, Kevin M.; Levin, Matthew

(74) Clark Intellectual Property Pty Ltd

(71) Illumina, Inc.

(11) AU-A-2024227579

(21) 2024227579 (22) 24.10.2024

(54) Methods and compositions for preparing nucleic acid libraries

(51) Int. Cl.

C12N 15/10 (2006.01)

(43) 14.11.2024

(62) 2018239186

(72) CHEN, Xi-Jun; KHURANA, Tarun

(74) FB Rice Pty Ltd

(71) Indapta Therapeutics, Inc.

(11) AU-A-2024227637

(21) 2024227637 (22) 25.10.2024

(54) ENGINEERED NATURAL KILLER (NK) CELLS AND COMPOSITIONS AND METHODS THEREOF

(51) Int. Cl.

C12N 15/63 (2006.01)

C07K 14/705 (2006.01)

C12N 15/09 (2006.01)

(43) 14.11.2024

(62) 2018219895

(72) Dipiero, Guy

(74) Davies Collison Cave Pty Ltd

(71) Intellijoint Surgical Inc.

(11) AU-A-2024227561

(21) 2024227561 (22) 23.10.2024

(54) OPERATING ROOM REMOTE MONITORING

(51) Int. Cl.

A61B 34/00 (2016.01)

A61B 34/20 (2016.01)

G16H 40/67 (2018.01)

(43) 14.11.2024

(62) 2019214340

(72) FANSON, Richard Tyler; HLADIO, Andre Novomir; MCCABE, Samantha

(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Intellijoint Surgical Inc.

(11) AU-A-2024227568

(21) 2024227568 (22) 23.10.2024

(54) SYSTEMS, METHODS AND DEVICES FOR ANATOMICAL REGISTRATION AND SURGICAL LOCALIZATION

(51) Int. Cl.

A61B 34/20 (2016.01)

A61B 17/74 (2006.01)

A61B 17/88 (2006.01)

(43) 14.11.2024

(62) 2022203868

(72) HLADIO, Andre Novomir; BAKIRTZIAN, Armen Garo; FANSON, Richard Tyler; RYTERSKI, Eric

(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Jenkins III, A.

(11) AU-A-2024202184

(21) 2024202184 (22) 04.04.2024

(54) Laminoplasty Implant and Method of Use

(51) Int. Cl.

A61F 2/44 (2006.01)

A61B 17/70 (2006.01)

A61B 17/88 (2006.01)

(31) 18/308,067 (32) 27.04.23 (33) US

(43) 14.11.2024

(72) Jenkins III, Arthur

(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

JIANGSU SANJO INTELLIGENT TECHNOLOGY CO., LTD. see JINKO SOLAR (HAINING) CO., LTD.

(21) 2023263523

(71) JINKO SOLAR (HAINING) CO., LTD.; JIANGSU SANJO INTELLIGENT TECHNOLOGY CO., LTD.

(11) AU-A-2023263523

(21) 2023263523 (22) 28.08.2023

(54) AIR INTAKE STRUCTURE FOR VEHICLE SUNROOF AND RECREATIONAL VEHICLE (RV) WITH SUNROOF

(51) Int. Cl.

B60J 7/00 (2006.01)

(31) 202310456546.7 (32) 26.04.23 (33) CN

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(72) XIAO, Heping; HU, Qingqing
(74) Madderns Pty Ltd

(71) JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
(11) AU-A-2023208147
(21) 2023208147 (22) 27.07.2023
(54) PHOTOVOLTAIC MODULE AND MANUFACTURING METHOD FOR PHOTOVOLTAIC MODULE
(51) Int. Cl.
H01L 31/00 (2006.01)
H02S 20/00 (2014.01)
(31) 202310483557.4 (32) 28.04.23 (33) CN
(43) 14.11.2024
(72) TAO, Wusong; WANG, Luchuang; HAN, Xiangchao; GUO, Liang
(74) BOSH IP Pty Ltd

(71) Joy Global Surface Mining Inc
(11) AU-A-2024227526
(21) 2024227526 (22) 22.10.2024
(54) Lubrication system for a compressor
(51) Int. Cl.
F04C 29/02 (2006.01)
(43) 14.11.2024
(62) 2018226449
(72) McMAHON, Scott; LANUM, Michael D.
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba
(11) AU-A-2024201522
(21) 2024201522 (22) 07.03.2024
(54) Electrolysis cell and electrolysis device
(51) Int. Cl.
C25B 9/19 (2021.01)
C25B 1/04 (2021.01)
C25B 1/23 (2021.01)
C25B 3/07 (2021.01)
C25B 3/26 (2021.01)
C25B 13/02 (2006.01)
C25B 13/04 (2021.01)
(31) 2023-072196 (32) 26.04.23 (33) JP
2024-016578 06.02.24 JP
(43) 14.11.2024
(72) YONETSU, Maki; KIYOTA, Yasuhiro; KOFUJI, Yusuke; KITAGAWA, Ryota; MIKOSHIBA, Satoshi
(74) Davies Collison Cave Pty Ltd

(71) KEENAN, J.F.
(11) AU-A-2024227591
(21) 2024227591 (22) 24.10.2024
(54) SYSTEM AND METHOD FOR BI-CYCLE TRANSMISSION
(51) Int. Cl.
B62M 11/06 (2006.01)
B62M 9/06 (2006.01)
B62M 11/14 (2006.01)
(43) 14.11.2024
(62) 2023220084
(72) KEENAN, Joseph Francis
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Kelly, B.
(11) AU-A-2023202509
(21) 2023202509 (22) 26.04.2023
(54) A feral pig specific baiting station
(51) Int. Cl.
A01M 25/00 (2006.01)
A01K 5/02 (2006.01)
(43) 14.11.2024
(72) Kelly, Barry
(74) Patentec Patent Attorneys

(71) Keyte, L.; Lloyd, R.; Boral IP Holdings (Australia) PTY Limited
(11) AU-A-2024227639
(21) 2024227639 (22) 25.10.2024
(54) Methods for producing a low CO2 cement composition
(51) Int. Cl.
C04B 28/04 (2006.01)
C04B 18/14 (2006.01)
C04B 22/08 (2006.01)
C04B 22/12 (2006.01)
C04B 22/14 (2006.01)
C04B 24/12 (2006.01)
C04B 40/00 (2006.01)
C04B 103/10 (2006.01)
C04B 103/20 (2006.01)
C04B 111/00 (2006.01)
(43) 14.11.2024
(62) 2017436546
(72) LLOYD, Redmond Richard; KEYTE, Louise Margaret
(74) Davies Collison Cave Pty Ltd

(71) KUBOTA CORPORATION
(11) AU-A-2024202543
(21) 2024202543 (22) 18.04.2024
(54) Electric motor power train and utility vehicle
(51) Int. Cl.
B60L 15/00 (2006.01)
B60K 1/00 (2006.01)
B60K 17/12 (2006.01)
B60L 15/20 (2006.01)
(31) JP 2023-072429 (32) 26.04.23 (33) JP
(43) 14.11.2024
(72) BESSHO, Hiroki
(74) Griffith Hack

(71) Labelmakers Group Pty Ltd
(11) AU-A-2024202751
(21) 2024202751 (22) 26.04.2024
(54) A Label
(51) Int. Cl.
B65C 9/22 (2006.01)
B65C 3/26 (2006.01)
B65C 9/44 (2006.01)
B65C 9/46 (2006.01)
G09F 3/10 (2006.01)
B65C 9/00 (2006.01)
(31) 2023901245 (32) 27.04.23 (33) AU
(43) 14.11.2024
(72) Lang, Graeme
(74) Griffith Hack

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PROTZMANN, M.

(21) 2023202505

LAKMANAARACHCHI, A. see
PROTZMANN, M.
(21) 2023202505

(71) LG Electronics Inc.
(11) AU-A-2024200591
(21) 2024200591 (22) 31.01.2024
(54) DISPLAY DEVICE AND OPERATING METHOD THEREOF
(51) Int. Cl.
G06F 3/16 (2006.01)
(31) 10-2023-0054651 (32) 26.04.23 (33) KR
(43) 14.11.2024
(72) HWANG, Sung Phil; JUNG, Kang Wook
(74) Dentons Patent Attorneys Australasia Limited

(71) Linda Leask Innovations Pty Ltd
(11) AU-A-2024202547
(21) 2024202547 (22) 18.04.2024
(54) Quilt Cover Securing Device
(51) Int. Cl.
A47C 21/02 (2006.01)
A47G 9/02 (2006.01)
A47G 9/04 (2006.01)
(31) 2023901226 (32) 26.04.23 (33) AU
(43) 14.11.2024
(72) Leask, Linda; Khoury, Edward Joseph
(74) Armour IP

Lloyd, R. see Keyte, L.
(21) 2024227639

(71) LN Robotics Inc.
(11) AU-A-2024227571
(21) 2024227571 (22) 23.10.2024
(54) SURGICAL TOOL CONTROL APPARATUS
(51) Int. Cl.
A61M 25/01 (2006.01)
A61B 17/22 (2006.01)
A61B 34/30 (2016.01)
A61M 25/09 (2006.01)
(43) 14.11.2024
(62) 2021382955
(72) CHOI, Jae Soon; KIM, Young Hak; MOON, Youngjin
(74) Griffith Hack

(71) LNW Gaming, Inc.
(11) AU-A-2024202613
(21) 2024202613 (22) 22.04.2024
(54) Dynamically generating gaming content via prompt
(51) Int. Cl.
A63F 13/358 (2014.01)
G07F 17/32 (2006.01)
(31) 63/498,023 (32) 25.04.23 (33) US
(43) 14.11.2024
(72) LYONS, Martin S.; GRIFFIN, John; PRYOR, David; SOONG, Kenneth Shawn; VELU, Muthu; YANG, Qiaofeng
(74) Spruson & Ferguson

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(71) Makita U.S.A., Inc. (11) AU-A-2023216818 (21) 2023216818 (22) 16.08.2023 (54) Driver bit (51) Int. Cl. B25B 15/00 (2006.01) (31) 18/141,434 (32) 30.04.23 (33) US (43) 14.11.2024 (72) CAMP, Andrew; HEFLEY, Kenneth; SANTOS, Nathan; CHANG, Yeh Ching (74) FB Rice Pty Ltd	(71) MAX CO., LTD. (11) AU-A-2024202747 (21) 2024202747 (22) 26.04.2024 (54) BINDING MACHINE (51) Int. Cl. B65B 13/04 (2006.01) B65B 13/32 (2006.01) B65B 13/34 (2006.01) B65H 35/00 (2006.01) (31) 2023-075122 (32) 28.04.23 (33) JP (43) 14.11.2024 (72) KOBAYASHI, Kenji (74) AJ PARK	Merck Sharp & Dohme LLC see Merck Sharp & Dohme B.V. (21) 2024227495
(71) MAKO Surgical Corp. (11) AU-A-2024227521 (21) 2024227521 (22) 22.10.2024 (54) System, method and software program for aiding in positioning of a camera relative to objects in a surgical environment (51) Int. Cl. A61B 34/20 (2016.01) A61B 90/00 (2016.01) A61B 90/50 (2016.01) G06T 7/73 (2017.01) (43) 14.11.2024 (62) 2019261299 (72) OTTO, Jason; THOMPSON, Matthew; NADZADI, Mark; MONTANE, Roberto; MORGAN, Jonathan; GOSPAVIC, Bojan (74) Davies Collison Cave Pty Ltd	(71) MAX CO., LTD. (11) AU-A-2024202750 (21) 2024202750 (22) 26.04.2024 (54) TAPE CLAMPING METHOD, BINDING MACHINE, AND BINDING ARTICLE (51) Int. Cl. B65B 13/02 (2006.01) B65H 37/04 (2006.01) (31) 2023-075090 (32) 28.04.23 (33) JP (43) 14.11.2024 (72) TAKEMURA, Hajime (74) AJ PARK	(71) Methven Limited (11) AU-A-2024227613 (21) 2024227613 (22) 24.10.2024 (54) Improvements in, or relating to, spray heads (51) Int. Cl. B05B 1/18 (2006.01) B05B 1/12 (2006.01) B05B 1/34 (2006.01) (43) 14.11.2024 (62) 2018312824 (72) GRIGOR, Andrew John; BAUER, Chad Robert; MCCUTCHEON, Stephen McLay; ASHBY, Nicholas Michael Lawrence; BOLUS, Robert Nicholas Edward; BAND, Brett (74) Spruson & Ferguson
(71) MAX CO., LTD. (11) AU-A-2024202741 (21) 2024202741 (22) 26.04.2024 (54) BINDING MACHINE (51) Int. Cl. B65B 27/10 (2006.01) A01G 17/08 (2006.01) B65B 13/28 (2006.01) B65B 25/00 (2006.01) (31) 2023-075116 (32) 28.04.23 (33) JP 2024-042359 18.03.24 JP (43) 14.11.2024 (72) TAKEMURA, Hajime; KOBAYASHI, Kenji (74) AJ PARK	(71) McMaster University; University of Western Australia (11) AU-A-2024227557 (21) 2024227557 (22) 23.10.2024 (54) Biomarkers for Wound Healing (51) Int. Cl. G01N 33/48 (2006.01) G01N 33/53 (2006.01) G01N 33/543 (2006.01) (43) 14.11.2024 (62) 2018285981 (72) STACEY, Michael; PHILLIPS, Steven; SWAINE, Jillian Marlene (74) Eagar & Associates Pty Ltd	Monson, R. see Cosno (WA) Pty Ltd (21) 2024227488
(71) MAX CO., LTD. (11) AU-A-2024202742 (21) 2024202742 (22) 26.04.2024 (54) BINDING MACHINE	(71) MedImmune Limited (11) AU-A-2023203472 (21) 2023203472 (22) 02.06.2023 (54) B7-H4 therapeutic binding molecules for the treatment of cancer (51) Int. Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) (31) 63/498,998 (32) 28.04.23 (33) US (43) 14.11.2024 (72) FABBRI, Giulia; VARGA, Andreea (74) PHILLIPS ORMONDE FITZPATRICK	(71) Moselle Technologies, LLC (11) AU-A-2024227605 (21) 2024227605 (22) 24.10.2024 (54) Methods and compositions for recovery of lithium from liquid solutions with nanoparticles (51) Int. Cl. C22B 26/12 (2006.01) B22F 1/00 (2022.01) (43) 14.11.2024 (62) 2019297527 (72) ALBRIGHT, Robert L.; MEYER, Stanley M. (74) Spruson & Ferguson (71) nanoComposix, Inc.; Coronado Aesthetics, LLC (11) AU-A-2024227663 (21) 2024227663 (22) 25.10.2024 (54) Silver nanoplate compositions and methods (51) Int. Cl. A61M 37/00 (2006.01)

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(62) 2022259793
(72) OLDENBURG, Steven J.; MIRANDA, Martin G.; SEBBA, David S.; HARRIS, Todd J.
(74) Spruson & Ferguson

(71) NAVICO, INC.
(11) AU-A-2024202589
(21) 2024202589 (22) 19.04.2024
(54) BEAMFORMING SONAR SYSTEMS FOR 360-DEGREE LIVE SONAR, AND ASSOCIATED METHODS
(51) Int. Cl.
G01S 15/89 (2006.01)
G01C 13/00 (2006.01)
G01S 7/56 (2006.01)
G01S 15/60 (2006.01)
G01S 15/93 (2020.01)
G10K 11/00 (2006.01)
(31) 18/140990 (32) 28.04.23 (33) US
(43) 14.11.2024
(72) CASPALL, Jayme J
(74) AJ PARK

(71) NetScout Systems, Inc.
(11) AU-A-2024201296
(21) 2024201296 (22) 27.02.2024
(54) Systems and methods for detecting the source or sources of denial of service attacks in a mobile environment
(51) Int. Cl.
H04L 12/00 (2006.01)
H04W 16/04 (2009.01)
H04W 28/02 (2009.01)
(31) 18/227,889 (32) 28.07.23 (33) US
63/461,862 25.04.23 US
(43) 14.11.2024
(72) NORTHWAY, William; ANSTEE, Darren; WINQUIST, Jamie; BREGGER, Matt; KLOOS, Michael
(74) Spruson & Ferguson

(71) Ningbo Haishu Liangpin Daily Necessities Co., Ltd
(11) AU-A-2024203291
(21) 2024203291 (22) 17.05.2024
(54) Cloth clamping mop with easy-to-replace mop cloth
(51) Int. Cl.
A47L 13/256 (2006.01)
A47L 13/258 (2006.01)
A47L 13/42 (2006.01)
(31) 202321208085.3 (32) 18.05.23 (33) CN
(43) 14.11.2024
(72) WANG, Bo
(74) FPA Patent Attorneys Pty Ltd

(71) NORITZ CORPORATION
(11) AU-A-2024202191
(21) 2024202191 (22) 05.04.2024
(54) HOT WATER SUPPLY SYSTEM
(51) Int. Cl.
F24H 9/20 (2022.01)
F24F 11/30 (2018.01)
F24F 11/70 (2018.01)
F24H 1/10 (2022.01)

F24H 15/10 (2022.01)
G06F 13/00 (2006.01)
(31) 2023-073103 (32) 27.04.23 (33) JP
(43) 14.11.2024
(72) OKAMOTO, Shinichi; USHIO, Atsushi
(74) Collison & Co

(71) NORITZ CORPORATION
(11) AU-A-2024202192
(21) 2024202192 (22) 05.04.2024
(54) HOT WATER SUPPLY SYSTEM
(51) Int. Cl.
F24H 1/00 (2022.01)
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A61K 48/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/30 (2006.01)
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A61B 17/66 (2006.01)
A61B 17/80 (2006.01)
(31) 18/306,990 (32) 25.04.23 (33) US
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G06Q 10/00 (2023.01)
G06Q 40/00 (2023.01)
G06Q 50/00 (2012.01)
G06Q 99/00 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

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(54) Methods and compositions for treating chronic lung diseases
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A61P 25/00 (2006.01)
A61K 9/08 (2006.01)
A61K 38/30 (2006.01)
A61P 11/00 (2006.01)
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B65G 1/04 (2006.01)
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G01B 5/14 (2006.01)
G01S 13/06 (2006.01)
G01S 13/16 (2006.01)
G01S 13/42 (2006.01)
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A61F 2/16 (2006.01)
A61F 9/00 (2006.01)
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G07F 17/32 (2006.01)
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A47B 81/06 (2006.01)
F16M 11/04 (2006.01)
F16M 11/18 (2006.01)
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A61B 5/00 (2006.01)
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C05F 11/10 (2006.01)
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C05F 11/08 (2006.01)
C05G 5/12 (2020.01)

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C07H 1/06 (2006.01)
A61K 31/7028 (2006.01)
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C07H 15/207 (2006.01)
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A61M 25/06 (2006.01)
A61B 17/22 (2006.01)
A61M 25/01 (2006.01)
A61B 17/221 (2006.01)
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H04N 21/2343 (2011.01)
H04N 21/2662 (2011.01)
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A61K 31/573 (2006.01)
A61K 9/00 (2006.01)
A61K 9/20 (2006.01)
A61K 9/48 (2006.01)
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G06F 11/36 (2006.01)
G06F 8/30 (2018.01)
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A23C 19/05 (2006.01)
A23C 19/068 (2006.01)
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A01F 12/30 (2006.01)
A01D 41/12 (2006.01)
A01F 12/44 (2006.01)

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E04B 1/58 (2006.01)
E04B 1/26 (2006.01)
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B24B 41/00 (2006.01)
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B65D 5/00 (2006.01)
B31B 50/22 (2017.01)
B31B 50/25 (2017.01)
B31B 50/26 (2017.01)
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A47L 13/22 (2006.01)

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H04N 19/593 (2014.01)
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B60R 9/10 (2006.01)
B60R 9/06 (2006.01)
B62H 3/08 (2006.01)
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C23C 16/455 (2006.01)
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E04F 13/21 (2006.01)
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(74) Baxter Patent Attorneys Pty Ltd

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(54) Machine for removing formwork from ceiling structure
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E04G 19/00 (2006.01)
B28B 13/06 (2006.01)
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(51) Int. Cl.
E04G 19/00 (2006.01)
B28B 13/06 (2006.01)
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B05B 1/02 (2006.01)
F16J 15/32 (2016.01)
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A61K 47/60 (2017.01)
C07K 7/06 (2006.01)
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A45F 3/14 (2006.01)
B65G 7/12 (2006.01)
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A63B 35/08 (2006.01)
A63B 31/10 (2006.01)
A63B 31/11 (2006.01)
A63B 35/00 (2006.01)
A63B 35/12 (2006.01)
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B03D 1/06 (2006.01)
C22B 21/00 (2006.01)
C22B 26/12 (2006.01)
B03D 103/04 (2006.01)
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A61K 8/19 (2006.01)
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G05B 15/02 (2006.01)
A01G 25/16 (2006.01)
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A61L 31/04 (2006.01)
A61F 2/00 (2006.01)
A61L 31/06 (2006.01)
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C12N 5/02 (2006.01)
C07H 21/04 (2006.01)
C12N 5/10 (2006.01)
C12N 15/09 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
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C12Q 1/68 (2018.01)
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C07K 14/33 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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- (71)** TRAMES BIO, INC.
(11) AU-A-2024227560
(21) 2024227560 **(22)** 23.10.2024
(54) COMPOSITIONS AND METHODS FOR NEUROLOGICAL DISEASES
(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 38/16 (2006.01)
A61K 38/17 (2006.01)
(43) 14.11.2024
(62) 2018373279
(72) LAU, Anthony; GREENBERG, Kenneth P.; KEIFER Jr., Orion; MAKINSON, Stefanie
(74) Davies Collison Cave Pty Ltd
-
- (71)** Transportation IP Holdings, LLC
(11) AU-A-2024202683
(21) 2024202683 **(22)** 24.04.2024
(54) CONTROL SYSTEM FOR ELECTRIC VEHICLES
(51) Int. Cl.
B60L 1/00 (2006.01)
H02J 7/00 (2006.01)
H02M 3/00 (2006.01)
H02M 5/00 (2006.01)
(31) 63/498,171 **(32)** 25.04.23 **(33)** US
(43) 14.11.2024
(72) Young, Henry Todd; Kutenkuler, Jason Daniel; Wallace, Daniel Robert; Ryan, David Andrew; Wolff, Jeffrey John
(74) K&L Gates
-
- (71)** Trina Solar Co., Ltd.
(11) AU-A-2024227727
(21) 2024227727 **(22)** 29.10.2024
(54) Solar cell, preparation method thereof, and photovoltaic module
(51) Int. Cl.
H01L 31/167 (2006.01)
H01L 21/04 (2006.01)
H01L 27/01 (2006.01)
H01L 27/142 (2014.01)
H01L 31/0216 (2014.01)
H01L 31/0224 (2006.01)
(31) 202410956630.X **(32)** 17.07.24 **(33)** CN

- (43)** 14.11.2024
(72) LIU, Chengfa; LV, Dongyun; ZHOU, Binbin; LI, Zhenglin; HUANG, Jian
(74) FB Rice Pty Ltd
-
- (71)** Trudeau, L.
(11) AU-A-2024227533
(21) 2024227533 **(22)** 22.10.2024
(54) Portable foam brush
(51) Int. Cl.
A46B 11/00 (2006.01)
A46B 11/02 (2006.01)
A47L 11/40 (2006.01)
B08B 3/00 (2006.01)
(43) 14.11.2024
(62) 2023201332
(72) Trudeau, Leon
(74) Griffith Hack
-
- University of Western Australia see McMaster University**
(21) 2024227557
-
- (71)** Vale S.A.
(11) AU-A-2024202752
(21) 2024202752 **(22)** 26.04.2024
(54) Methods for predicting the impact on water catchments in the event of a tailings dam failure, for a multi-criteria analysis to propose preventive or corrective actions in tailings dams, and for analyzing water treatability in water treatment plants in catchments potentially affected by tailings plumes
(51) Int. Cl.
G06F 30/20 (2020.01)
E02B 1/02 (2006.01)
G06F 5/00 (2006.01)
(31) 10 2023 008150 9 **(32)** 27.04.23 **(33)** BR
(43) 14.11.2024
(72) GUIMARÃES, Roberta Nunes
(74) Spruson & Ferguson
-
- (71)** Vaxess Technologies, Inc.
(11) AU-A-2024227638
(21) 2024227638 **(22)** 25.10.2024
(54) VACCINE FORMULATIONS WITH INCREASED STABILITY
(51) Int. Cl.
A61K 39/12 (2006.01)
(43) 14.11.2024
(62) 2017327009
(72) Kosuda, Kathryn M.; Miller, David P.; Jain, Nishant K.; Palmer, Carter R.; Kluge, Jonathan A.; Stinson, Jordan A.; Li, Adrian Benton; Krisiewicz, Alexandra
(74) Davies Collison Cave Pty Ltd
-
- (71)** VERSUNI HOLDING B.V.
(11) AU-A-2024203960
(21) 2024203960 **(22)** 28.03.2024
(54) FOOD REDISTRIBUTION
(51) Int. Cl.
G06V 10/10 (2022.01)
A23L 5/00 (2016.01)

- G06T 5/00** (2006.01)
G06T 7/60 (2017.01)
G06T 7/90 (2017.01)
G06V 10/40 (2022.01)
G06V 10/48 (2022.01)
G06V 10/54 (2022.01)
G06V 10/56 (2022.01)
G06V 10/60 (2022.01)
(31) PCT/ **(32)** 27.04.23 **(33)** CN
 CN2023/091256
 23182058.0 28.06.23 EP
(43) 14.11.2024
(72) XU, Bo Jian; XIAO, Weimin; SUN, Wen
(74) FB Rice Pty Ltd
-
- ViraTherapeutics GmbH see Boehringer Ingelheim International GmbH**
(21) 2024227547

- (71)** VIVAVISION BIOTECH LTD.
(11) AU-A-2023316921
(21) 2023316921 **(22)** 25.05.2023
(54) OPHTHALMIC COMPOSITION FOR TREATING NON-INFECTIOUS INFLAMMATORY DISEASES
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/501 (2006.01)
A61K 31/541 (2006.01)
A61K 31/55 (2006.01)
A61K 47/14 (2017.01)
A61K 47/34 (2017.01)
A61K 47/36 (2006.01)
A61K 47/38 (2006.01)
A61K 47/40 (2006.01)
A61K 47/58 (2017.01)
(31) 202310484101.X **(32)** 28.04.23 **(33)** CN
(43) 14.11.2024
(72) XIA, Erning; HAN, Qiao; SHEN, Wang; LI, Yong; GAO, Hongyan
(74) Davies Collison Cave Pty Ltd
-
- (71)** VIVAVISION BIOTECH LTD.
(11) AU-A-2023361985
(21) 2023361985 **(22)** 25.05.2023
(54) A VVN001-CONTAINING OPHTHALMIC COMPOSITION
(51) Int. Cl.
A61K 31/66 (2006.01)
A61K 9/08 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
A61K 47/16 (2006.01)
A61K 47/26 (2006.01)
A61K 47/36 (2006.01)
A61P 27/02 (2006.01)
A61P 29/00 (2006.01)
(31) 202310476403.2 **(32)** 27.04.23 **(33)** CN
(43) 14.11.2024
(72) XIA, Erning; HAN, Qiao; SHEN, Wang; LU, Yangqingqin; GAO, Hongyan
(74) PHILLIPS ORMONDE FITZPATRICK

- (71)** Weatherford Technology Holdings, LLC
(11) AU-A-2024227509

Applications Open to Public Inspection - Name Index cont'd

(21) 2024227509 (22) 21.10.2024
 (54) Control System For Hydrocarbon Recovery Tools
 (51) Int. Cl.
E21B 44/00 (2006.01)
E21B 19/00 (2006.01)
E21B 19/16 (2006.01)
 (43) 14.11.2024
 (62) 2017437550
 (72) WIEDECKE, Michael; THIEMANN, Björn; HOELTERLING, Carlo; WERN, Frank
 (74) WRAYS PTY LTD

(71) WELLD0C, INC.
 (11) AU-A-2024227544
 (21) 2024227544 (22) 23.10.2024
 (54) DATABASE MANAGEMENT AND GRAPHICAL USER INTERFACES FOR MEASUREMENTS COLLECTED
 (51) Int. Cl.
G06F 15/00 (2006.01)
G06F 16/00 (2019.01)
G16H 20/10 (2018.01)
 (43) 14.11.2024
 (62) 2024202376
 (72) MCRAITH, Kevin; KESANI, Hari; IYER, Anand; SUSAI, Gabriel; SHOMALI, Mansur; RAO, Prasad Matti
 (74) AJ PARK

(71) Willand (Beijing) Technology Co., LTD.
 (11) AU-A-2024227653
 (21) 2024227653 (22) 25.10.2024
 (54) CHARGING STATION, CHARGING STATION SYSTEM, METHOD AND APPARATUS FOR RETURNING TO STATION AND LAWNMOWING ROBOT
 (51) Int. Cl.
G05D 3/12 (2006.01)
 (43) 14.11.2024
 (62) 2023201490
 (72) Zhou, Kai; Yan, Xu; Qiao, Wanyang; Yu, Tianning
 (74) Madderns Pty Ltd

(71) Wood Modification Technologies Limited
 (11) AU-A-2024227523
 (21) 2024227523 (22) 22.10.2024
 (54) Enhanced performance of wood and engineered wood products using combined durability and flame retardancy
 (51) Int. Cl.
B27K 3/26 (2006.01)
A01N 3/00 (2006.01)
A01N 43/653 (2006.01)
A01N 59/20 (2006.01)
A01P 3/00 (2006.01)
A01P 7/04 (2006.01)
B27K 3/08 (2006.01)
B27K 3/20 (2006.01)
C09K 21/02 (2006.01)
 (43) 14.11.2024
 (62) 2023219800
 (72) MOON, Ronald Philip
 (74) CreateIP

(71) XINGMAI INNOVATION TECHNOLOGY (SUZHOU) CO., LTD.
 (11) AU-A-2023206211
 (21) 2023206211 (22) 27.04.2023
 (54) MOVING DEVICES USED IN LIQUID AND POOL CLEANING ROBOTS
 (51) Int. Cl.
E04H 4/16 (2006.01)
 (43) 14.11.2024
 (72) ZHANG, Shilei
 (74) Madderns Pty Ltd

(71) XINGMAI INNOVATION TECHNOLOGY (SUZHOU) CO., LTD.
 (11) AU-A-2023206213
 (21) 2023206213 (22) 27.04.2023
 (54) DEVICES FOR IN-WATER AUTOMATIC SPREADING
 (51) Int. Cl.
E04H 4/16 (2006.01)
 (43) 14.11.2024
 (72) ZHANG, Shilei
 (74) Madderns Pty Ltd

(71) ZADOK, Avinoam
 (11) AU-A-2024220115
 (21) 2024220115 (22) 26.09.2024
 (54) A RECONFIGURABLE WEB AND IMPLEMENTATIONS THEREFOR
 (51) Int. Cl.
E04F 13/08 (2006.01)
E04B 2/72 (2006.01)
E04B 2/74 (2006.01)
E04B 9/04 (2006.01)
E04D 5/10 (2006.01)
E04F 13/00 (2006.01)
E04F 15/02 (2006.01)
E04F 15/16 (2006.01)
E04H 4/00 (2006.01)
E04H 15/18 (2006.01)
E04H 15/54 (2006.01)
E06B 3/46 (2006.01)
E06B 3/92 (2006.01)
A45C 7/00 (2006.01)
A45F 3/22 (2006.01)
A47B 3/00 (2006.01)
A47B 43/00 (2006.01)
A47G 9/06 (2006.01)
A61F 5/01 (2006.01)
B65D 6/16 (2006.01)
B65D 8/00 (2006.01)
E04D 5/04 (2006.01)
E04D 5/06 (2006.01)
E04F 13/10 (2006.01)
E04F 13/12 (2006.01)
E04F 13/18 (2006.01)
E04F 15/06 (2006.01)
E04F 15/10 (2006.01)
E06B 3/01 (2006.01)
 (43) 14.11.2024
 (62) 2023226941
 (72) ZADOK, Avinoam
 (74) James & Wells Intellectual Property

(71) Zevra Denmark A/S
 (11) AU-A-2024227652

(21) 2024227652 (22) 25.10.2024
 (54) Heat shock protein inducers and frontotemporal disorders
 (51) Int. Cl.
A61K 31/435 (2006.01)
A61K 38/00 (2006.01)
A61K 45/00 (2006.01)
A61P 25/00 (2006.01)
 (43) 14.11.2024
 (62) 2018274176
 (72) JENSEN, Thomas, Kirkegaard; GREENSMITH, Linda
 (74) FB Rice Pty Ltd

(71) Zevra Denmark A/S
 (11) AU-A-2024227654
 (21) 2024227654 (22) 25.10.2024
 (54) Heat shock protein inducers and frontotemporal disorders
 (51) Int. Cl.
A61K 31/435 (2006.01)
A61K 38/00 (2006.01)
A61K 45/00 (2006.01)
A61P 25/00 (2006.01)
 (43) 14.11.2024
 (62) 2018274176
 (72) JENSEN, Thomas, Kirkegaard; GREENSMITH, Linda
 (74) FB Rice Pty Ltd

(71) ZHEJIANG HUAYOU COBALT CO., LTD.
 (11) AU-A-2023433479
 (21) 2023433479 (22) 31.08.2023
 (54) METHOD FOR RECOVERING MANGANESE FROM RESIDUAL LIQUID OF LATERITE NICKEL ORE HYDROMETALLURGY
 (51) Int. Cl.
C22B 47/00 (2006.01)
C22B 3/22 (2006.01)
C22B 3/42 (2006.01)
 (31) 202310467247.3 (32) 25.04.23 (33) CN
 (43) 14.11.2024
 (72) FENG, Zhimin; LI, Shaolong; REN, Jialin; CHEN, Yongjian
 (74) Griffith Hack

(71) ZHEJIANG HUAYOU COBALT CO., LTD.
 (11) AU-A-2023433483
 (21) 2023433483 (22) 30.08.2023
 (54) METHOD AND APPARATUS FOR PROCESSING LEACHING RESIDUE OF LATERITE NICKEL ORE
 (51) Int. Cl.
C22B 5/10 (2006.01)
C21B 3/02 (2006.01)
C22B 1/00 (2006.01)
C22B 1/24 (2006.01)
 (31) 202310493474.3 (32) 28.04.23 (33) CN
 (43) 14.11.2024
 (72) LI, Dechen; LI, Shaolong; LI, Jianhui; TANG, Xulong; GAO, Baojun
 (74) Griffith Hack

Applications Open to Public Inspection - Name Index cont'd

ZHEJIANG JINKO SOLAR CO., LTD. see
JINKO SOLAR CO., LTD.
(21) 2023208147

- (71) Zhongding Hengsheng Gas Equipment
(Wuhu) Co., Ltd
(11) AU-A-2024202691
(21) 2024202691 (22) 24.04.2024
(54) FATIGUE TEST APPARATUS FOR
METALLIC DIAPHRAGM OF DIA-
PHRAGM COMPRESSOR
(51) Int. Cl.
F04B 51/00 (2006.01)
(31) 202310455468.9 (32) 25.04.23 (33) CN
(43) 14.11.2024
(72) Wang, Junxuan; Wang, Fei; Ren, Li;
Pan, Yunlong
(74) Remarkable IP

Numerical Index

2023202505	PROTZMANN, M.; LAKMANAARACHCHI, D.; LAK-MANAARACHCHI, A.	2024203291	Ningbo Haishu Liangpin Daily Necessities Co.,Ltd
2023202509	Kelly, B.	2024203960	VERSUNI HOLDING B.V.
2023202512	OXTI Pte Ltd	2024216328	Iconic Therapeutics LLC
2023202569	FARRINGTON, S.	2024220115	ZADOK, Avinoam
2023202591	TF Pet IP Pty Ltd	2024227102	Children's Medical Center Corporation
2023202629	Fusetec 3D Pty Ltd	2024227443	Aussie Wine Group Holdings Pty Ltd
2023202650	Bignell, P.	2024227488	Cosno (WA) Pty Ltd; Monson, R.
2023203472	MedImmune Limited	2024227491	Angel Group Co., Ltd.
2023204156	SAP SE	2024227492	Angel Group Co., Ltd.
2023206211	XINGMAI INNOVATION TECHNOLOGY (SUZHOU) CO., LTD.	2024227493	Angel Group Co., Ltd.
2023206213	XINGMAI INNOVATION TECHNOLOGY (SUZHOU) CO., LTD.	2024227495	Merck Sharp & Dohme B.V.; Merck Sharp & Dohme LLC
2023208147	JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.	2024227505	O'Brien, B.
2023210574	Hangzhou Biotest Biotech Co., LTD.	2024227507	Singh, J.
2023216818	Makita U.S.A., Inc.	2024227509	Weatherford Technology Holdings, LLC
2023229469	SHANDONG UXG BEARING MANUFACTURING CO., LTD.	2024227510	Globeride, Inc.
2023263523	JINKO SOLAR (HAINING) CO., LTD.; JIANGSU SANJO INTELLIGENT TECHNOLOGY CO., LTD.	2024227513	Google LLC
2023270283	Sargento Cheese Inc.	2024227514	Maksim Fastenings Pty Limited
2023285765	Beijing Baidu Netcom Science Technology Co., Ltd.	2024227515	Cantor Index, LLC
2023285776	Chongqing Changan Automobile Co., Ltd.	2024227517	Thomas Jefferson University
2023316921	VIVAVISION BIOTECH LTD.	2024227520	DENTROID PTY LTD
2023331398	DAIKYO SEIKO, LTD.	2024227521	MAKO Surgical Corp.
2023358134	SEKISUI HOUSE, LTD.	2024227522	SharkNinja Operating LLC
2023361985	VIVAVISION BIOTECH LTD.	2024227523	Wood Modification Technologies Limited
2023387761	HEBEI HAODE RUBBER & PLASTICE CO., LTD.	2024227524	Encore Medical, L.P. (d/b/a DJO Surgical)
2023387776	SHANTOU SAMMA PLASTIC INDUSTRY CO., LTD.	2024227525	Gilead Sciences, Inc.
2023433479	ZHEJIANG HUAYOU COBALT CO., LTD.	2024227526	Joy Global Surface Mining Inc
2023433483	ZHEJIANG HUAYOU COBALT CO., LTD.	2024227527	Calico Life Sciences LLC; AbbVie Inc.
202400591	LG Electronics Inc.	2024227528	California Institute of Technology; Foldax, Inc.
202401032	Thandiakkal, J.	2024227529	The Nielsen Company (US), LLC
202401296	NetScout Systems, Inc.	2024227530	Dorel Australia Pty Ltd
202401522	Kabushiki Kaisha Toshiba	2024227531	Dorel Australia Pty Ltd
202401972	Dexter Axle Company LLC	2024227532	IGT
202402184	Jenkins III, A.	2024227533	Trudeau, L.
202402191	NORITZ CORPORATION	2024227536	Deciphera Pharmaceuticals, LLC
202402192	NORITZ CORPORATION	2024227537	Deciphera Pharmaceuticals, LLC
202402245	IGT	2024227541	Allergan, Inc.
202402462	ALGOFORCE PTY LTD	2024227542	Tetrous, Inc.
202402473	CHENGDU ALANGTECH CO., LTD.	2024227543	Seed Terminator Holdings Pty Ltd
202402495	ASSA ABLOY AUSTRALIA PTY LIMITED	2024227544	WELLDON, INC.
202402540	Britax Römer Kindersicherheit GmbH	2024227545	SWOBODA, M.
202402543	KUBOTA CORPORATION	2024227546	Sage Therapeutics, Inc.
202402547	Linda Leask Innovations Pty Ltd	2024227547	Boehringer Ingelheim International GmbH; ViraTherapeutics GmbH
202402558	Tantalum Mining Corporation of Canada Ltd.	2024227548	CTX, LLC
202402589	NAVICO, INC.	2024227550	Sicona Battery Technologies Pty Ltd
202402613	LNW Gaming, Inc.	2024227551	BRNC Industries Pty Ltd
202402632	NuVasive Specialized Orthopedics, Inc.	2024227557	McMaster University; University of Western Australia
202402633	Confoil Pty Ltd	2024227558	Fulton Hogan Limited
202402683	Transportation IP Holdings, LLC	2024227560	TRAMES BIO, INC.
202402691	Zhongding Hengsheng Gas Equipment (Wuhu) Co., Ltd	2024227561	Intellijoint Surgical Inc.
202402710	Orbbit Pty Limited	2024227562	Omni Consumer Products, LLC
202402711	GLASS VICE HOLDINGS LIMITED	2024227563	Bigfoot Biomedical, Inc.
202402715	HOWMEDICA OSTEONICS CORP.	2024227568	Intellijoint Surgical Inc.
202402720	Hammersmith Nominees Pty Ltd	2024227569	Canon Kabushiki Kaisha
202402728	Angel Group Co., Ltd.	2024227571	LN Robotics Inc.
202402732	CONCRETE LIFTING SYSTEMS NZ LIMITED	2024227572	F. Hoffmann La-Roche AG; Genentech, Inc.
202402741	MAX CO., LTD.	2024227573	Genentech, Inc.
202402742	MAX CO., LTD.	2024227574	StrongLinx Pty Ltd
202402747	MAX CO., LTD.	2024227576	Apple Inc.
202402750	MAX CO., LTD.	2024227578	Teh Yor Co., Ltd.
202402751	Labelmakers Group Pty Ltd	2024227579	Illumina, Inc.
202402752	Vale S.A	2024227581	Equifax Inc.
202402760	Atlas Pacific Engineering Company	2024227586	Spray Nozzle Engineering Pty Ltd
		2024227587	First Data Corporation
		2024227591	KEENAN, J.F.
		2024227592	Sharp Kabushiki Kaisha; FG Innovation Company Limited

Applications Open to Public Inspection - Numerical Index cont'd

2024227593	Route 92 Medical, Inc.
2024227594	COOPERVISION INTERNATIONAL LIMITED
2024227595	Novartis AG; The Trustees of the University of Pennsylvania
2024227596	OnPoint Vision, Inc.
2024227597	Deciphera Pharmaceuticals, LLC
2024227599	Dolby International AB
2024227601	Oak Hill Bio Limited
2024227602	Grand Performance Online Pty Limited
2024227605	Moselle Technologies, LLC
2024227606	Drawbridge Health, Inc.
2024227607	CIVCO Medical Instruments, Co., Inc.
2024227608	Tensar Corporation, LLC
2024227609	Parasol Medical, LLC
2024227611	Toxotech AB
2024227613	Methven Limited
2024227617	The University of Akron; Cook Medical Technologies, LLC
2024227620	SHINGLEBACK OFF ROAD PTY LTD
2024227625	FISHER & PAYKEL HEALTHCARE LIMITED
2024227629	Singapore Health Services Pte. Ltd.
2024227630	Alliqua Biomedical, Inc.
2024227631	Apnimed, Inc. (Delaware)
2024227632	Boston Scientific Scimed, Inc.
2024227633	Braime Group PLC
2024227635	Ocado Innovation Limited
2024227637	Indapta Therapeutics, Inc.
2024227638	Vaxess Technologies, Inc.
2024227639	Keyte, L.; Lloyd, R.; Boral IP Holdings (Australia) PTY Limited
2024227640	Biocon Limited
2024227641	SRI International
2024227644	Dexcom, Inc.
2024227645	BioNTech US Inc.
2024227646	Reata Pharmaceuticals, Inc.
2024227648	TENSAR CORPORATION, LLC
2024227651	Hazan, S.
2024227652	Zevra Denmark A/S
2024227653	Willand (Beijing) Technology Co., LTD.
2024227654	Zevra Denmark A/S
2024227655	Alerje, Inc.
2024227657	Amazentis SA
2024227659	Hanmi Pharm. Co., Ltd.
2024227660	Engeo Incorporated
2024227661	Rovi Guides, Inc.
2024227662	Taylor Commercial Foodservice, LLC
2024227663	nanoComposix, Inc.; Coronado Aesthetics, LLC
2024227665	Brian Investments Pty Ltd
2024227668	Fuzhou Autran Industrial Co., Ltd.
2024227672	Regeneron Pharmaceuticals, Inc.
2024227674	AMES TOOLS CORPORATION
2024227676	Google LLC
2024227677	Somero Enterprises, Inc.
2024227678	Breville USA, Inc.
2024227679	Somero Enterprises, Inc.
2024227681	Capital One Services, LLC
2024227727	Trina Solar Co., Ltd.

IPC Index

<u>A01D 41 I/-</u> 2024227543	<u>A47B 81 I/-</u> 2023202512	<u>A61F 2 I/-</u> 2024202184 2024202715 2024227524 2024227528 2024227596 2024227617	<u>A61K 8 I/-</u> 2024227542	<u>A61P 43 I/-</u> 2024227537	<u>B28B 13 I/-</u> 2024227677 2024227679
<u>A01D 46 I/-</u> 2024227443	<u>A47C 21 I/-</u> 2024202547		<u>A61K 9 I/-</u> 2023361985 2024227541 2024227546 2024227597 2024227601	<u>A63B 31 I/-</u> 2024227545	<u>B29C 41 I/-</u> 2024227528
<u>A01F 12 I/-</u> 2024227543	<u>A47G 19 I/-</u> 2024202633			<u>A63B 35 I/-</u> 2024227545	<u>B31B 50 I/-</u> 2023387776 2024202633
<u>A01G 17 I/-</u> 2024202741	<u>A47G 23 I/-</u> 2023202650	<u>A61F 5 I/-</u> 2024220115	<u>A61L 27 I/-</u> 2024227528	<u>A63F 13 I/-</u> 2024202245 2024202613 2024227515 2024227532	<u>B31F 1 I/-</u> 2024202633
<u>A01G 25 I/-</u> 2024201032	<u>A47G 9 I/-</u> 2024202547 2024220115	<u>A61F 9 I/-</u> 2024227596	<u>A61L 31 I/-</u> 2024227617		<u>B33Y 80 I/-</u> 2023202629
<u>A01K 1 I/-</u> 2023202591	<u>A47J 37 I/-</u> 2024227662	<u>A61J 1 I/-</u> 2023210574 2023331398	<u>A61M 16 I/-</u> 2024227625	<u>A63F 9 I/-</u> 2024227515	<u>B60D 1 I/-</u> 2024201972
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<u>A01P 3 I/-</u> 2024227523	<u>A61B 18 I/-</u> 2024227520		<u>A61P 27 I/-</u> 2023361985 2024227601	<u>B08B 3 I/-</u> 2024227533	<u>B60R 9 I/-</u> 2024227620
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<u>A46B 11 I/-</u> 2024227533	<u>A61C 19 I/-</u> 2024227520		<u>A61P 37 I/-</u> 2024227573	<u>B26D 3 I/-</u> 2024202633	<u>B65B 27 I/-</u> 2024202741 2024202742
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Applications Open to Public Inspection - IPC Index cont'd

B65C 3 /- 2024202751	C04B 40 /- 2024227639	2024227645	E01F 13 /- 2024227558	E05D 11 /- 2024227668	G01N 30 /- 2024227672
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B65D 5 /- 2023387776	C05F 5 /- 2023202505	C07K 7 /- 2024227641	E02B 1 /- 2024202752	E06B 3 /- 2024220115	G01S 13 /- 2024227562
B65D 6 /- 2024220115	C05G 5 /- 2023202505	C08L 77 /- 2024227617	E02D 17 /- 2024227608	E06B 9 /- 2024227578	G01S 15 /- 2024202589
B65D 8 /- 2024220115	C07C 15 /- 2024227597	C09K 21 /- 2024227523	E02D 29 /- 2024227608	E21B 19 /- 2024227509	G01S 17 /- 2024227562
B65D 81 /- 2023331398 2023387776	C07C 235 /- 2024227527	C12N 15 /- 2024227102 2024227517 2024227547 2024227579 2024227637	E04B 1 /- 2023202569 2023358134 2024202711	E21B 44 /- 2024227509	G01S 19 /- 2024227660
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B65G 21 /- 2023387761	C07D 241 /- 2024227527	C21B 3 /- 2023433483	E04C 2 /- 2024202732	F04C 29 /- 2024227526	G03B 17 /- 2024227551
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B65G 7 /- 2024227574	C07D 271 /- 2024227527	C22B 21 /- 2024202558 2024227605	E04D 5 /- 2024220115	F16B 35 /- 2024227665	G03G 21 /- 2024227569
B65H 35 /- 2024202747	C07D 311 /- 2024227657	C22B 26 /- 2024202558 2024227605	E04F 13 /- 2024220115 2024227507	F16J 15 /- 2024227586	G05B 15 /- 2024201032
B65H 37 /- 2024202750	C07D 317 /- 2024227527	C22B 3 /- 2023433479	E04F 15 /- 2024220115 2024227514	F16M 11 /- 2023202512 2024227551	G05B 19 /- 2024201032 2024227562
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C02F 1 /- 2024227548	C07D 513 /- 2024227525	C25B 1 /- 2024201522	E04G 21 /- 2024202732	F24H 15 /- 2024202191	G06F 15 /- 2024227529 2024227544 2024227587
C04B 103 /- 2024227639	C07H 1 /- 2024227646	C25B 13 /- 2024201522	E04H 1 /- 2023202569	G01B 5 /- 2024227562	G06F 16 /- 2024227544 2024227676
C04B 111 /- 2024227639	C07H 15 /- 2024227646	C25B 3 /- 2024201522	E04H 15 /- 2024220115	G01C 13 /- 2024202589	G06F 17 /- 2024227488
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Applications Open to Public Inspection - IPC Index cont'd

<u>G06F 30 /-</u> 2024202752	<u>G06V 10 /-</u> 2024203960 2024227493	<u>H04N 19 /-</u> 2024227592
<u>G06F 40 /-</u> 2024227488	<u>G06V 40 /-</u> 2024227493	<u>H04N 21 /-</u> 2024227661
<u>G06F 5 /-</u> 2024202752	<u>G07F 17 /-</u> 2024202245 2024202613	<u>H04W 16 /-</u> 2024201296
<u>G06F 8 /-</u> 2023204156 2023285776	2024202710 2024202728 2024227491 2024227492	<u>H04W 28 /-</u> 2024201296
<u>G06F 9 /-</u> 2024227676	2024227493 2024227532	<u>H04W 64 /-</u> 2024227576
<u>G06K 19 /-</u> 2024227633 2024227681	<u>G08B 23 /-</u> 2024227609	<u>H04W 8 /-</u> 2024227576
<u>G06N 10 /-</u> 2023285765 2024227513	<u>G08C 17 /-</u> 2024227660	<u>H05B 45 /-</u> 2024227520
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<u>G06N 5 /-</u> 2024227488	<u>G10K 11 /-</u> 2024202589	
<u>G06Q 10 /-</u> 2024227505 2024227602 2024227678	<u>G10L 15 /-</u> 2024227676	
<u>G06Q 20 /-</u> 2024202710	<u>G10L 21 /-</u> 2024227599	
<u>G06Q 30 /-</u> 2023202512	<u>G16H 20 /-</u> 2024227544 2024227563	
<u>G06Q 40 /-</u> 2024227505	<u>G16H 40 /-</u> 2024227561 2024227563	
<u>G06Q 50 /-</u> 2024202710 2024227505 2024227602 2024227655 2024227678	<u>G16H 50 /-</u> 2024227563	
<u>G06Q 99 /-</u> 2024227505	<u>H01L 21 /-</u> 2024227727	
<u>G06T 5 /-</u> 2024203960	<u>H01L 27 /-</u> 2024227727	
<u>G06T 7 /-</u> 2024203960 2024227491 2024227492 2024227493 2024227521	<u>H01L 31 /-</u> 2023208147 2024227727	
	<u>H02J 7 /-</u> 2024202683	
	<u>H02M 3 /-</u> 2024202683	
	<u>H02M 5 /-</u> 2024202683	
	<u>H02S 20 /-</u> 2023208147	
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(71) 3TI ENERGY HUBS LTD (11) AU-A-2023249397 (21) 2023249397 (22) 05.04.2023 (54) CHARGING STATION FOR AN ELECTRIC VEHICLE COMPRISING A CONTAINER (51) Int. Cl. B60L 53/51 (2019.01) B60L 53/14 (2019.01) B60L 53/31 (2019.01) B60L 53/53 (2019.01) B62D 25/02 (2006.01) B62D 25/06 (2006.01) H02S 10/40 (2014.01) H02S 20/30 (2014.01) H02S 20/32 (2014.01) (87) WO2023/194467 (31) 2205091.8 (32) 07.04.22 (33) GB (43) 12.10.2023 (72) EVANS, Tim; LEES, Richard; POTTER, Mark (74) PHILLIPS ORMONDE FITZPATRICK	TYPE SWITCH RAIL AND USE OF TWO SWITCH RAILS MODIFIED IN ACCORDANCE WITH SAID MODIFYING METHOD (51) Int. Cl. E01B 11/54 (2006.01) (87) WO2023/218261 (31) 102022000009896 (32) 12.05.22 (33) IT (43) 16.11.2023 (72) BRACCIALI, Andrea (74) AJ PARK	(31) 63/328,210 (32) 06.04.22 (33) US (43) 12.10.2023 (72) TUPIN, Cyrille; PEYROTTE, Constance; BARBARAS, Ronald (74) PHILLIPS ORMONDE FITZPATRICK
(71) ABBISKO THERAPEUTICS CO., LTD. (11) AU-A-2023308364 (21) 2023308364 (22) 03.07.2023 (54) PRMT5 INHIBITOR, PREPARATION METHOD THEREFOR, AND PHARMACEUTICAL USE THEREOF (51) Int. Cl. C07D 471/04 (2006.01) A61K 31/4365 (2006.01) A61K 31/437 (2006.01) A61K 31/4375 (2006.01) A61K 31/519 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01) C07D 471/14 (2006.01) C07D 491/048 (2006.01) C07D 491/052 (2006.01) C07D 491/147 (2006.01) C07D 495/04 (2006.01) (87) WO2024/012308 (31) 202210836367.1 (32) 15.07.22 (33) CN 202211414992.3 10.11.22 CN (43) 18.01.2024 (72) DENG, Haibing; YANG, Fei; LIU, Zhaomin; LIU, Jian; YU, Hongping; CHEN, Zhui; XU, Yaochang (74) FPA Patent Attorneys Pty Ltd	(71) ABIOMED EUROPE GMBH (11) AU-A-2023264770 (21) 2023264770 (22) 02.05.2023 (54) GUIDE WIRE (51) Int. Cl. A61M 25/09 (2006.01) A61B 5/00 (2006.01) (87) WO2023/213769 (31) 10 2022 204 399.5 (32) 04.05.22 (33) DE (43) 09.11.2023 (72) LUNZE, Katrin; NIX, Christoph; SIESS, Thorsten (74) Davies Collison Cave Pty Ltd	(71) ACERGY FRANCE SAS (11) AU-A-2023300712 (21) 2023300712 (22) 29.06.2023 (54) CONNECTION ARRANGEMENTS FOR MARINE ENERGY INSTALLATIONS (51) Int. Cl. H02G 1/10 (2006.01) H02G 9/02 (2006.01) (87) WO2024/003616 (31) 2209620.0 (32) 30.06.22 (33) GB (43) 04.01.2024 (72) LEGRAND, Mathurin Michel Pierre; VIELLARD, Brice Helier (74) Allens Patent & Trade Mark Attorneys
(71) ABIONYX PHARMA SA (11) AU-A-2023250345 (21) 2023250345 (22) 06.04.2023 (54) METHODS FOR TREATING EYE DISEASES USING LIPID BINDING PROTEIN-BASED COMPLEXES (51) Int. Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01) A61K 38/17 (2006.01) A61K 47/50 (2017.01) A61P 27/02 (2006.01) (87) WO2023/194797 (31) 63/328,088 (32) 06.04.22 (33) US (43) 12.10.2023 (72) TUPIN, Cyrille; MARTINEZ, Jérôme; LALLEMAND, Frédéric; ELENA, Pierre-Paul (74) PHILLIPS ORMONDE FITZPATRICK	(71) AC IMMUNE SA (11) AU-A-2023250038 (21) 2023250038 (22) 06.04.2023 (54) ANTI-TDP-43 BINDING MOLECULES (51) Int. Cl. C07K 16/18 (2006.01) G01N 33/577 (2006.01) (87) WO2023/194565 (31) 22167341.1 (32) 08.04.22 (33) EP 23164858.5 28.03.23 EP (43) 12.10.2023 (72) ADOLFSSON, Oskar; LUTHI-CARTER, Ruth; SEREDENIN, Tamara (74) FB Rice Pty Ltd	(71) ACTEGA DS GMBH (11) AU-A-2023267166 (21) 2023267166 (22) 02.05.2023 (54) SEALING INSERTS FOR CROWN CORKS WITH REDUCED METAL-SHEET THICKNESS (51) Int. Cl. C09K 3/10 (2006.01) B65D 41/12 (2006.01) (87) WO2023/217587 (31) PCT/EP2022/062996 (32) 12.05.22 (33) EP (43) 16.11.2023 (72) KERN, Matthias (74) FB Rice Pty Ltd
(71) AB CONSULTING S.A.S. DI ANDREA BRACCIALI & C. (11) AU-A-2023268017 (21) 2023268017 (22) 04.04.2023 (54) BONDED, ELECTRICALLY INSULATED JOINT SYSTEM FOR RAILWAY RAILS, METHOD FOR FABRICATING SUCH, METHOD OF MODIFYING AT LEAST ONE STARTING	(71) ABIONYX PHARMA SA (11) AU-A-2023251245 (21) 2023251245 (22) 06.04.2023 (54) METHODS FOR TREATING LEUKOCYTOSIS, ENDOTHELIAL DYSFUNCTION AND CARDITIS USING LIPID BINDING PROTEIN-BASED COMPLEXES (51) Int. Cl. A61K 38/17 (2006.01) A61K 47/50 (2017.01) A61P 9/00 (2006.01) A61P 13/00 (2006.01) A61P 31/00 (2006.01) (87) WO2023/194798	(71) ACURASTEM INCORPORATED (11) AU-A-2023259390 (21) 2023259390 (22) 27.04.2023 (54) SYF2 ANTISENSE OLIGONUCLEOTIDES (51) Int. Cl. C12N 15/113 (2010.01)

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(51) Int. Cl.
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(21) 2023273026 (22) 15.05.2023
(54) DETECTING MINERALIZATION AND MONITORING GREENHOUSE GAS PLUME LOCATION IN SUBTERRANEAN FORMATIONS
(51) Int. Cl.
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(21) 2023273810 (22) 15.05.2023
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F23Q 25/00 (2006.01)
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(74) PIPERS
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(21) 2023243233 (22) 03.04.2023
(54) METHODS FOR PREVENTING OR SLOWING THE PROGRESSION OF COGNITIVE DECLINE OR IMPAIRMENT IN SUBJECTS DISPLAYING NORMAL COGNITIVE PERFORMANCE
(51) Int. Cl.
A61K 31/4015 (2006.01)
A61K 9/00 (2006.01)
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(51) Int. Cl.
C12N 15/82 (2006.01)
A23C 20/00 (2006.01)
C12N 15/09 (2006.01)
C12N 15/62 (2006.01)
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A41C 3/04 (2006.01)
A41D 1/215 (2018.01)
A41C 3/08 (2006.01)
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H04N 19/186 (2014.01)
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(51) Int. Cl.
C07H 15/08 (2006.01)
C07F 9/24 (2006.01)
C07H 1/00 (2006.01)
C07H 15/04 (2006.01)
C07K 1/107 (2006.01)
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(51) Int. Cl.
G16B 15/00 (2019.01)
C07K 16/00 (2006.01)
C07K 16/46 (2006.01)
G06N 20/00 (2019.01)
G16B 15/30 (2019.01)
A61K 39/395 (2006.01)
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A61K 31/713 (2006.01)
A61P 1/16 (2006.01)
C12N 15/85 (2006.01)
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B60K 17/28 (2006.01)
B62D 55/065 (2006.01)
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A61K 31/712 (2006.01)
A61K 31/7115 (2006.01)
A61K 31/7125 (2006.01)
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(54) C-MYC MRNA TRANSLATION MODULATORS AND USES THEREOF IN THE TREATMENT OF CANCER
(51) Int. Cl.
C07D 513/04 (2006.01)
A61K 31/429 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
C07D 513/14 (2006.01)
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(54) C-MYC MRNA TRANSLATION MODULATORS AND USES THEREOF IN THE TREATMENT OF CANCER
(51) Int. Cl.
C07D 513/04 (2006.01)
A61K 31/429 (2006.01)
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C12N 5/07 (2010.01)
C12N 15/62 (2006.01)
C12Q 1/6897 (2018.01)
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B63C 11/12 (2006.01)
A63B 33/00 (2006.01)
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E21B 21/08 (2006.01)
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(54) NOVEL COMPOSITION
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A61K 9/00 (2006.01)
A61K 38/14 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61K 47/26 (2006.01)
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(54) COMPOSITIONS COMPRISING VAN-COMYCIN
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A61K 9/08 (2006.01)
A61K 38/14 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61P 31/04 (2006.01)
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C08J 5/22 (2006.01)
C08F 8/12 (2006.01)
C08F 14/26 (2006.01)
C08F 16/24 (2006.01)
C08L 27/14 (2006.01)
H01B 1/06 (2006.01)
H01M 4/96 (2006.01)
H01M 8/18 (2006.01)
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- (54) METHODS FOR PROCESSING CEMENT COMPRISING CONSTRUCTIONS OR BUILDING MATERIALS
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B09B 3/35 (2022.01)
A62D 3/00 (2007.01)
B09B 3/40 (2022.01)
B09B 101/35 (2022.01)
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E01C 7/14 (2006.01)
E01C 7/18 (2006.01)
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E01C 11/02 (2006.01)
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- (72) EXLINE, Marvin, Keller
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A61K 9/16 (2006.01)
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A61K 9/50 (2006.01)
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A61P 27/02 (2006.01)
C12N 15/11 (2006.01)
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A61K 31/4155 (2006.01)
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A61K 31/4375 (2006.01)
A61P 35/00 (2006.01)
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A61K 31/4166 (2006.01)
A61K 31/496 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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A61K 9/48 (2006.01)
A61K 31/138 (2006.01)
A61P 35/00 (2006.01)
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- (54) METHODS FOR SAMPLE PREPARATION
- (51) Int. Cl.
C12Q 1/6806 (2018.01)
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- (72) PEYTAVI, Regis
- (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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B01D 53/02 (2006.01)
B01D 53/04 (2006.01)
C10L 3/10 (2006.01)
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- (74) Griffith Hack
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- (51) Int. Cl.
C04B 24/26 (2006.01)
C08F 2/26 (2006.01)
C08F 220/18 (2006.01)
- (87) WO2023/213719
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(43) 09.11.2023
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- (54) COMPOSITION, PREPARATION FOR THE SAME AND USE THEREOF
- (51) Int. Cl.
C09D 5/00 (2006.01)
C09D 7/40 (2018.01)
C09D 7/61 (2018.01)
C08K 3/32 (2006.01)
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(54) SYNTHETIC METHANOL HAVING LOW DEUTERIUM CONTENT FROM NON-FOSSIL RESOURCES
(51) Int. Cl.
C07C 29/151 (2006.01)
C07C 31/04 (2006.01)
C07C 41/06 (2006.01)
C07C 45/00 (2006.01)
C07C 47/04 (2006.01)
C07C 51/12 (2006.01)
C07C 53/08 (2006.01)
C07C 67/08 (2006.01)
C07C 69/54 (2006.01)
C25B 1/04 (2021.01)
(87) WO2023/213583
(31) 22171092.4 (32) 02.05.22 (33) EP
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(72) WEISS, Thomas; HUEFFER, Stephan
(74) Griffith Hack

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(54) PROCESS FOR MAKING ETHANOLAMINES, POLYETHYLENIMINE AND AMMONIA BASED ON NON-FOSSIL ENERGY
(51) Int. Cl.
C07C 213/04 (2006.01)
C01C 1/00 (2006.01)
C01C 1/04 (2006.01)
C07C 29/151 (2006.01)
C07C 213/10 (2006.01)
C07D 203/02 (2006.01)
C07D 301/03 (2006.01)
C08G 73/02 (2006.01)
C08G 75/00 (2006.01)
C25B 1/00 (2021.01)
C25B 1/04 (2021.01)
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(31) 22171101.3 (32) 02.05.22 (33) EP
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(72) HUEFFER, Stephan; KRUEGER, Marco; WEISS, Thomas
(74) Griffith Hack

(71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
(11) AU-A-2023272817
(21) 2023272817 (22) 04.05.2023
(54) PERFORATING CONNECTOR FOR MEDICAL FLUID CONTAINERS
(51) Int. Cl.
A61M 39/04 (2006.01)
A61M 1/28 (2006.01)
A61M 39/10 (2006.01)
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(74) K&L Gates

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(21) 2023299175 (22) 28.06.2023
(54) DIALYSIS SYSTEM HAVING ENHANCED FEATURES INCLUDING DRIP PREVENTION
(51) Int. Cl.
A61M 1/28 (2006.01)
A61M 1/16 (2006.01)
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(51) Int. Cl.
A01N 43/12 (2006.01)
A01P 7/04 (2006.01)
(87) WO2023/237444
(31) 63/349,349 (32) 06.06.22 (33) US
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(74) Davies Collison Cave Pty Ltd

(71) BAYER AKTIENGESELLSCHAFT
(11) AU-A-2023284048
(21) 2023284048 (22) 07.06.2023
(54) NOVEL SMALL TYPE V RNA PROGRAMMABLE ENDONUCLEASE SYSTEMS
(51) Int. Cl.
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
(87) WO2023/237587
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(51) Int. Cl.
C07C 275/02 (2006.01)
A01N 25/14 (2006.01)
A01N 33/02 (2006.01)
A01N 43/64 (2006.01)
A01N 47/28 (2006.01)
(87) WO2023/220269
(31) 63/341,649 (32) 13.05.22 (33) US
(43) 16.11.2023
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(74) Griffith Hack

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B01D 53/18 (2006.01)
B01D 53/58 (2006.01)
B01D 53/78 (2006.01)
C01C 1/10 (2006.01)
C01C 1/12 (2006.01)
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G01N 15/14 (2006.01)
F04B 11/00 (2006.01)
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C07D 405/14 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
C07D 401/04 (2006.01)
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A61K 31/435 (2006.01)
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A61P 35/00 (2006.01)
C07D 215/56 (2006.01)
C07D 401/14 (2006.01)
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A61K 31/343 (2006.01)
A61K 31/381 (2006.01)
A61K 31/404 (2006.01)
A61P 3/00 (2006.01)
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C07D 209/10 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
C07D 403/04 (2006.01)
C07D 487/04 (2006.01)
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C12N 9/00 (2006.01)
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C12N 9/02 (2006.01)
C12N 9/04 (2006.01)
C12N 9/06 (2006.01)
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C12R 1/19 (2006.01)
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C07D 487/04 (2006.01)
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A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
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C12N 5/00 (2006.01)
C12N 5/0783 (2010.01)
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G02B 27/48 (2006.01)
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A47J 43/07 (2006.01)
A47J 43/046 (2006.01)
B26D 3/18 (2006.01)
B26D 7/08 (2006.01)
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G01C 9/36 (2006.01)
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G06Q 20/32 (2012.01)
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A61K 31/00 (2006.01)
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A61P 9/00 (2006.01)
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C07K 14/415 (2006.01)
C12N 15/82 (2006.01)
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B01D 53/14 (2006.01)
B01D 53/22 (2006.01)
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G16H 20/17 (2018.01)
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(54) ATTACHMENT SYSTEM FOR ORTHOPEDIC SUPPORTS
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A61F 13/04 (2006.01)
A61F 5/058 (2006.01)
A61L 15/14 (2006.01)
A61F 5/01 (2006.01)
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A61F 2/40 (2006.01)
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(54) LADDER MOTOR PUMP SYSTEM
(51) Int. Cl.
E06C 5/10 (2006.01)
B60R 3/00 (2006.01)
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(74) Patent Attorney Services

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F04B 23/04 (2006.01)
F04B 53/16 (2006.01)
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(74) Patent Attorney Services

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(51) Int. Cl.
A61N 1/04 (2006.01)
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(74) RnB IP Pty Ltd

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C25B 9/23 (2021.01)
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C12N 5/10 (2006.01)
A61K 35/17 (2015.01)
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(54) MVP CARTRIDGE AND METHODS OF USE AND MANUFACTURE
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C12Q 1/689 (2018.01)
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(54) DRUG SUSTAINED-RELEASE TABLET FOR TREATING LIVER DISEASE, PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
A61K 9/22 (2006.01)
A61K 31/5377 (2006.01)
A61K 47/04 (2006.01)
A61K 47/10 (2017.01)
A61K 47/36 (2006.01)
A61K 47/38 (2006.01)
A61P 1/16 (2006.01)
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(74) FB Rice Pty Ltd
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(11) AU-A-2023247583
(21) 2023247583 (22) 29.03.2023
(54) ANTIBODY, FUSION PROTEIN AND USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
C07K 14/705 (2006.01)
C07K 19/00 (2006.01)
G01N 33/564 (2006.01)
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(43) 05.10.2023
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(74) Baxter Patent Attorneys Pty Ltd
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(21) 2023246734 (22) 27.03.2023
(54) A HAND TROLLEY FOR RECEIVING AND TRANSPORTING A LEGGED FRACTIONAL DISPLAY PLATFORM
(51) Int. Cl.
B62B 1/10 (2006.01)
B62B 1/14 (2006.01)
B62B 1/26 (2006.01)
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(74) Spruson & Ferguson
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(21) 2022475622 (22) 22.11.2022
(54) 5-PYRIDINE-1H-INDAZOLE COMPOUND, PHARMACEUTICAL COMPOSITION, AND USE
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/416 (2006.01)
A61K 31/506 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61P 19/02 (2006.01)
A61P 19/08 (2006.01)
A61P 21/00 (2006.01)
A61P 29/00 (2006.01)
C07D 213/16 (2006.01)
C07D 413/14 (2006.01)
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C07H 19/048 (2006.01)
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A61K 35/741 (2015.01)
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(11) AU-A-2023264432
(21) 2023264432 (22) 04.05.2023
(54) METHOD FOR PREPARATION OF TEMPEH, TEMPEH PREPARED THEREBY, SAUCE CONTAINING PREPARED TEMPEH, AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
A23L 11/50 (2021.01)
A23L 5/10 (2016.01)
A23L 7/104 (2016.01)
A23L 23/00 (2016.01)
A23L 29/00 (2016.01)
C12N 1/20 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(21) 2023264962 (22) 04.05.2023
(54) METHOD FOR PREPARING GRAIN TEMPEH, GRAIN TEMPEH PREPARED BY SAID METHOD, SAUCE COMPRISING PREPARED GRAIN TEMPEH, AND METHOD FOR PREPARING SAME
(51) Int. Cl.
A23L 11/50 (2021.01)
A23L 5/10 (2016.01)
A23L 7/104 (2016.01)
A23L 23/00 (2016.01)
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C12N 1/20 (2006.01)
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(54) METHODS FOR REDUCING IMPURITIES IN SILK FIBROIN PREPARATIONS
(51) Int. Cl.
C07K 1/34 (2006.01)
C07K 14/435 (2006.01)
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(51) Int. Cl.
A61K 8/36 (2006.01)
A61K 8/44 (2006.01)
A61K 8/49 (2006.01)
A61Q 19/02 (2006.01)
A61Q 19/08 (2006.01)
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(11) AU-A-2023264476
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(54) ORAL CAVITY TREATMENT DEVICE
(51) Int. Cl.
A61C 19/06 (2006.01)
A61N 5/06 (2006.01)
(87) WO2023/215145
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(51) Int. Cl.
A61C 19/06 (2006.01)
A45D 34/00 (2006.01)
B65D 47/00 (2006.01)
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(21) 2023272566 (22) 16.05.2023
(54) SUNSCREEN COMPOSITION COMPRISING: A METAL OXIDE, SPF ACTIVE INGREDIENT; AND ONE OR MORE SPF ENHANCEMENT COMPONENT COMPRISING A PHOTOSTABILIZER, AN ANTIOXIDANT, OR A COMBINATION THEREOF

(51) Int. Cl.
A61Q 17/04 (2006.01)
A61K 8/06 (2006.01)
A61K 8/27 (2006.01)
A61K 8/29 (2006.01)
A61K 8/37 (2006.01)
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(72) COCUZZA, Devon Sean
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(51) Int. Cl.
A61G 5/04 (2013.01)
A61G 5/02 (2006.01)
A61G 5/10 (2006.01)
B60C 7/00 (2006.01)

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(74) Davies Collison Cave Pty Ltd

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G06F 16/29 (2019.01)
G06F 16/909 (2019.01)

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A61M 60/178 (2021.01)
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A61M 60/462 (2021.01)
A61M 60/837 (2021.01)

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(54) A THERMOGRAVIMETRIC REACTOR (TGR) TO STUDY WEIGHT CHANGES OF SOLIDS AND A PROCESS THEREOF

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G01N 5/00 (2006.01)

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(74) Intelpro Patent & Trade Mark Attorneys

(71) CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD.

(11) AU-A-2023260204
(21) 2023260204 (22) 26.04.2023
(54) INSTANT NANOPARTICLE COMPOSITION AND PREPARATION METHOD THEREFOR

(51) Int. Cl.
A61K 9/19 (2006.01)
A61K 31/337 (2006.01)
A61K 47/42 (2017.01)
A61P 35/00 (2006.01)

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(74) Churchill Attorneys

(71) CUE BIOPHARMA, INC.
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(51) Int. Cl.

C07K 14/725 (2006.01)
A61K 39/12 (2006.01)
C12N 5/0783 (2010.01)
A61K 38/17 (2006.01)
A61P 31/12 (2006.01)
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C07K 19/00 (2006.01)

(87) WO2023/212551
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(43) 02.11.2023
(72) SURI, Anish
(74) FB Rice Pty Ltd

(71) DAIICHI SANKYO COMPANY, LIMITED

(11) AU-A-2023258798
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(51) Int. Cl.
C12N 15/11 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
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C12P 21/02 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2023242477
(21) 2023242477 (22) 23.03.2023
(54) COMPRESSOR AND AIR CONDITIONER

(51) Int. Cl.
F04C 29/06 (2006.01)
F04B 39/00 (2006.01)

(87) WO2023/190051
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(43) 05.10.2023
(72) KATAYAMA Tatsuya; KIKUTAKE Daiki
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(54) METHOD FOR CONTROLLING POWER CONVERTER

(51) Int. Cl.
H02M 3/155 (2006.01)
H02M 7/48 (2007.01)

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(72) SAKAKIBARA Kenichi
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(71) DAIKYO SEIKO, LTD.
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(54) TRANSPORT CONTAINER
(51) Int. Cl.

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B65D 81/133 (2006.01)	202320080629.6	13.01.23	CN	Kiran Reddy; PURYK, Corwin M.; PAR-
(31) 2023-074548	(32) 28.04.23 (33) JP	(43) 05.10.2023		DINA-MALBRAN, Federico
(43) 14.11.2024		(72) ZHENG, Gaofeng; LIU, Yi; LEI,		(74) Davies Collison Cave Pty Ltd
(72) YOSHIDA Takayuki		Zhengjun; BAI, Xiaofeng; LI, Chao; LI,		
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(71) DAIRY MANAGEMENT INC.; COR-				(71) DENTSPLY SIRONA INC.
NELL UNIVERSITY				(11) AU-A-2023280401
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(54) PROTEIN PARTICLES INCLUDING AN	(21) 2023263704 (22) 28.04.2023			PLIANCES
ACTIVE AGENT AND METHODS OF	(54) DEVICE FOR FROTHING MILK AND			(51) Int. Cl.
MAKING AND USING THE SAME	COFFEE MACHINE INCLUDING			A61K 6/62 (2020.01)
(51) Int. Cl.	SUCH DEVICE			A61C 13/00 (2006.01)
A23J 3/04 (2006.01)	(51) Int. Cl.			B29C 35/02 (2006.01)
A23J 3/08 (2006.01)	A47J 31/44 (2006.01)			B29C 35/08 (2006.01)
A23L 29/275 (2016.01)	(87) WO2023/213725			(87) WO2023/235635
A61K 47/30 (2006.01)	(31) 102022000009155 (32) 04.05.22 (33) IT			(31) 63/348,958 (32) 03.06.22 (33) US
A23L 29/281 (2016.01)	(43) 09.11.2023			(43) 07.12.2023
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(31) 63/342,288 (32) 16.05.22 (33) US	mone; SARTORI, Eros			(74) Davies Collison Cave Pty Ltd
(43) 23.11.2023	(74) MINTER ELLISON			
(72) DONG, Hongmin; DADMOHAMMADI,				(71) DIALIGHT CORPORATION
Younas; ABBASPOURRAD, Alireza;	(71) DE' LONGHI APPLIANCES S.R.L.			(11) AU-A-2023265777
YANG, Lixin; LIN, Tiantian; MELETH-	(11) AU-A-2023264253			(21) 2023265777 (22) 18.04.2023
ARAYIL, Gopinathan, H.; NASHED,	(21) 2023264253 (22) 03.05.2023			(54) LENS TO PRODUCE HIGH ANGLE
Emil, S.; KAPOOR, Rohit	(54) COFFEE MACHINE WITH SIMPLIFIED			OFF-AXIS LIGHT WITH WIDE BEAM
(74) RnB IP	HYDRAULIC CIRCUIT DISTRIBUTION			WIDTH
	(51) Int. Cl.			(51) Int. Cl.
	A47J 31/46 (2006.01)			F21K 9/68 (2016.01)
(71) DAIRY MANAGEMENT INC.; COR-	(87) WO2023/213841			F21V 7/00 (2006.01)
NELL UNIVERSITY	(31) 102022000009419 (32) 06.05.22 (33) IT			F21V 7/04 (2006.01)
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(21) 2023273811 (22) 16.05.2023	(72) EVANGELISTI, Paolo; PIOVAN, Nicola;			F21V 7/09 (2006.01)
(54) PROTEIN AND BIOPOLYMER COM-	ACCIARI, Alberto; BONOTTO, Davide			(87) WO2023/215099
PLEXES AND METHODS OF MAKING	(74) MINTER ELLISON			(31) 17/734,499 (32) 02.05.22 (33) US
AND USING THE SAME				(43) 09.11.2023
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A61K 31/70 (2006.01)	(11) AU-A-2022473991			
A61K 31/715 (2006.01)	(21) 2022473991 (22) 11.08.2022			(71) DIDENKO, K.
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(87) WO2023/225491	DICTIVE HARVESTING LOGISTICS			(21) 2023244611 (22) 27.03.2023
(31) 63/342,287 (32) 16.05.22 (33) US	(51) Int. Cl.			(54) METHODS AND BIOAVAILABLE
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HIGH-CAPACITY BATTERY	(21) 2022473993 (22) 11.08.2022			
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(51) Int. Cl.
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C10B 53/07 (2006.01)
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H01M 8/18 (2006.01)
G01R 31/382 (2019.01)
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(74) FPA Patent Attorneys Pty Ltd

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CURSOR SOLUTIONS, AND EX-
PRESSING SEALANTS FOR CON-
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GHODBANE, Salim
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GELUM, Jens Vindahl; COMSTEDT,
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(11) AU-A-2023277739
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(54) PROCESSING DEVICE FOR CUT-
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PUNCHING ASSEMBLY THEREFOR
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B23D 15/00 (2006.01)
B21D 28/02 (2006.01)
B23P 15/00 (2006.01)
(87) WO2023/227667
(31) 10 2022 113 094.0 (32) 24.05.22 (33) DE
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(72) DUSCHER, Nikolaus Franz
(74) DAVIS IP PTY LTD

(71) EVONIK OPERATIONS GMBH
(11) AU-A-2022451924
(21) 2022451924 (22) 18.11.2022
(54) IMPROVED METHOD FOR DEPOLY-
MERISING POLYETHYLENE TERE-
PHTHALATE
(51) Int. Cl.
C08J 11/22 (2006.01)
C08G 63/183 (2006.01)
C08J 11/24 (2006.01)
C08L 67/00 (2006.01)
C08L 67/02 (2006.01)
(87) WO2023/193940
(31) 22166553.2 (32) 04.04.22 (33) EP
(43) 12.10.2023
(72) REINSBERG, Philip Heinrich; HORN,
Michael; RUWWE, Johannes; WEINER,
Marc
(74) AJ PARK

(71) EVONIK OPERATIONS GMBH
(11) AU-A-2023242283
(21) 2023242283 (22) 27.03.2023
(54) FORMULATIONS COMPOSED OF
CATIONIC LIPIDS AND POLY(LACTIC-
CO-GLYCOLIC ACID) FOR THE DE-
LIVERY OF POLYNUCLEOTIDES IN-
TO CELLS
(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/54 (2017.01)
A61K 47/62 (2017.01)
A61K 47/69 (2017.01)
A61K 9/48 (2006.01)
(87) WO2023/186757
(31) 22165385.0 (32) 30.03.22 (33) EP
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(72) HELLER, Philipp; BERNHARDT, Alex-
ander; BENEDIKT, Anne; BÄR, Hans;
WINDHAB, Norbert
(74) AJ PARK

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(11) AU-A-2023262581
(21) 2023262581 (22) 27.04.2023
(54) LOW-BIAS SEQUENTIAL MULTIPLEX AMPLIFICATION ASSAYS
(51) Int. Cl.
C12Q 1/686 (2018.01)
C12Q 1/6869 (2018.01)
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(31) 63/335,360 (32) 27.04.22 (33) US
(43) 02.11.2023
(72) SHEA, Gracie; VACCARO, Abram M.; MOEHLENKAMP, Cynthia; ALLAWI, Hatim T.; KATEROV, Viatcheslav; KAISER, Michael W.
(74) Davies Collison Cave Pty Ltd
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- (71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2023278422
(21) 2023278422 (22) 01.06.2023
(54) METHOD FOR PRODUCING RECOMBINANT AAV PARTICLES
(51) Int. Cl.
C12N 15/86 (2006.01)
(87) WO2023/232922
(31) 22177118.1 (32) 03.06.22 (33) EP
(43) 07.12.2023
(72) MARKERT, Sven; ZOLLBRECHT, Elisabeth; EISENKRAETZER, Detlef
(74) Griffith Hack
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- (71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2023303813
(21) 2023303813 (22) 03.07.2023
(54) PROCESS FOR THE PREPARATION OF [RU(OAC)₂(LIGAND)] CATALYSTS
(51) Int. Cl.
B01J 31/22 (2006.01)
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(87) WO2024/008605
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C07D 513/22 (2006.01)
A61K 31/504 (2006.01)
A61P 35/00 (2006.01)
(87) WO2024/017859
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(74) Griffith Hack
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- (71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2023315042
(21) 2023315042 (22) 26.07.2023
(54) NOVEL 7-SUBSTITUTED INDOLE SULFONAMIDE DERIVATIVES
(51) Int. Cl.
C07D 403/14 (2006.01)
A61K 31/437 (2006.01)
A61P 25/00 (2006.01)
(87) WO2024/023129
(31) 22187365.6 (32) 28.07.22 (33) EP
(43) 01.02.2024
(72) GALLEY, Guido; GOBBI, Luca Claudio; GUBA, Wolfgang; MAZUNIN, Dmitry; PINARD, Emmanuel
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- (71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2023315120
(21) 2023315120 (22) 26.07.2023
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(51) Int. Cl.
C07D 403/14 (2006.01)
A61K 31/437 (2006.01)
A61P 25/00 (2006.01)
C07D 413/14 (2006.01)
(87) WO2024/023128
(31) 22187363.1 (32) 28.07.22 (33) EP
(43) 01.02.2024
(72) GALLEY, Guido; GOBBI, Luca Claudio; GUBA, Wolfgang; MAZUNIN, Dmitry; PINARD, Emmanuel
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- (71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2023322637
(21) 2023322637 (22) 09.08.2023
(54) BICYCLIC TETRAHYDROTHIAZEPINE DERIVATIVES
(51) Int. Cl.
C07D 417/04 (2006.01)
A61K 31/554 (2006.01)
A61P 35/00 (2006.01)
C07D 417/14 (2006.01)
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(72) BRANDSTAETTER, Marco; DI FRANCESCO, Maria Emilia; HUTTER, Roman; KUEHNE, Holger; LUEBBERS, Thomas; MARTIN, Laetitia Janine; MUELLER, Barbara Johanna
(74) Griffith Hack
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- (71) FBD PARTNERSHIP, LP
(11) AU-A-2023255787
(21) 2023255787 (22) 17.06.2023
(54) SEALED, SELF-CLEANING, FOOD DISPENSING SYSTEM INCLUDING FLUID PUMP AND BYPASS PASSAGE
(51) Int. Cl.
A23G 9/30 (2006.01)
(87) WO2023/205818
(31) 63/363,153 (32) 18.04.22 (33) US
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(43) 26.10.2023
(72) CARTER, Marshal, G; CLOUD, Craig; COBABE, R, Craig; CRANDALL, Cameron, C.; FRANK, Jimmie, I
(74) FPA Patent Attorneys Pty Ltd
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- (71) FERTIS INDIA PVT. LTD.
(11) AU-A-2023273326
(21) 2023273326 (22) 13.05.2023
(54) COMPOSITIONS COMPRISING METHYLYXANTHINES AND DISACCHARIDES DERIVED FROM ENZYMATIC CONVERSION OF SUCROSE
(51) Int. Cl.
A61P 1/00 (2006.01)
A23L 2/00 (2006.01)
A23L 33/00 (2016.01)
(87) WO2023/223344
(31) 202141052783 (32) 17.05.22 (33) IN
(43) 23.11.2023
(72) KANUMURU, Rahul Raju; KOCHU-MALAYIL, Shaji George; SURANENI, Ravikumar; VANA, Murali Mohanarao
(74) Adrian M Trioli Patent and Trade Mark Attorney
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- (71) FIRST MODE IPP LIMITED
(11) AU-A-2023262515
(21) 2023262515 (22) 24.04.2023
(54) RECONFIGURATION OF DIES-EL-POWERED HAUL TRUCK WITH HYBRID HYDROGEN FUEL CELL AND BATTERY POWER SUPPLY
(51) Int. Cl.
B60K 1/00 (2006.01)
B60K 1/04 (2019.01)
(87) WO2023/212528
(31) 63/334,297 (32) 25.04.22 (33) US
18/180,042 07.03.23 US
(43) 02.11.2023
(72) SWEERE, Joshua M.; ANUNSEN, Spencer M.; KUNZ, Larissa V.; KUO, Harlan Thomas; HUMANN, Alexis R.; GERHARDT, David T.
(74) Griffith Hack
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- (71) FIVES FCB
(11) AU-A-2023296917
(21) 2023296917 (22) 23.06.2023
(54) FACILITY AND METHOD FOR THE FORCED CARBONATION OF A FINE FRACTION OF A RECYCLED CONCRETE
(51) Int. Cl.
C04B 20/02 (2006.01)
(87) WO2024/003489
(31) FR2206361 (32) 27.06.22 (33) FR
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(72) CORDONNIER, Alain
(74) FB Rice Pty Ltd

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(71) FLAGSHIP PIONEERING INNOVATIONS VI, LLC (11) AU-A-2023269030 (21) 2023269030 (22) 09.05.2023 (54) TREM COMPOSITIONS AND METHODS OF USE FOR TREATING PROLIFERATIVE DISORDERS (51) Int. Cl. C12N 15/11 (2006.01) (87) WO2023/220083 (31) 63/339,880 (32) 09.05.22 (33) US (43) 16.11.2023 (72) ANASTASSIADIS, Theonie; KUBICA, Neil; SANSAL, Isabelle, Myriam; NARYSHKIN, Nikolai; ASP, Eva; LEE, Younkyoung; NGOUNOU WETIE, Armand, Gatien (74) Davies Collison Cave Pty Ltd	(71) FRESENIUS VIAL SAS (11) AU-A-2023315070 (21) 2023315070 (22) 27.07.2023 (54) MEDICAL DEVICE, SYSTEM AND METHOD FOR ALARM MANAGEMENT (51) Int. Cl. G16H 40/67 (2018.01) G16H 20/17 (2018.01) G16H 40/60 (2018.01) (87) WO2024/023199 (31) 22315176.2 (32) 29.07.22 (33) EP (43) 01.02.2024 (72) BOSSE-PLATIERE, Didier (74) Spruson & Ferguson	(71) GALDERMA HOLDING SA (11) AU-A-2023243125 (21) 2023243125 (22) 30.03.2023 (54) PERSONAL CARE COMPOSITIONS FOR SENSITIVE SKIN AND METHODS OF USE (51) Int. Cl. A61K 8/42 (2006.01) A61K 8/64 (2006.01) A61K 8/67 (2006.01) A61K 8/9789 (2017.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01) (87) WO2023/192538 (31) 63/325,960 (32) 31.03.22 (33) US (43) 05.10.2023 (72) KNAPIK CECCON, Ruandro Victor; JOLY-TONETTI, Nicolas; LE NOEL, Virginie; PASCAL-SUISSE, Sandrine Therese Beatrice; LACHMANN, Nadège Maryline; CHO, Hyun Dae; SEO, Jae Yong; GRIVEY-SEYVE, Mathieu; GRIVET-SEYVE, Mathieu (74) PHILLIPS ORMONDE FITZPATRICK
(71) FORM 700 PTY LTD (11) AU-A-2023287236 (21) 2023287236 (22) 20.06.2023 (54) A PORTABLE PLATFORM FOR USE IN PILING AND COLUMN WORKS (51) Int. Cl. E04G 1/15 (2006.01) E02D 13/00 (2006.01) E02D 15/04 (2006.01) E04G 1/18 (2006.01) E04G 1/32 (2006.01) E04G 1/36 (2006.01) (87) WO2023/245236 (31) 2022901717 (32) 22.06.22 (33) AU (43) 28.12.2023 (72) ROSATI, Wasyl (74) Madderns Pty Ltd	(71) FRONIUS INTERNATIONAL GMBH (11) AU-A-2024220739 (21) 2024220739 (22) 16.02.2024 (54) METHOD FOR SUPPLYING ENERGY IN A LOCAL ENERGY SUPPLY NETWORK (51) Int. Cl. H02J 3/38 (2006.01) H02J 13/00 (2006.01) (87) WO2024/170717 (31) 23157304.9 (32) 17.02.23 (33) EP (43) 22.08.2024 (72) GRAF, Johannes; GUSCHLBAUER, Florian; PFAFFENBICHLER, Dominik; MÜHLEGGGER, Johannes (74) Davies Collison Cave Pty Ltd	(71) GAZTRANSPORT ET TECHNIGAZ (11) AU-A-2023252513 (21) 2023252513 (22) 13.04.2023 (54) FACILITY FOR STORING AND/OR TRANSPORTING LIQUEFIED GAS (51) Int. Cl. F17C 3/02 (2006.01) F17C 3/08 (2006.01) (87) WO2023/198853 (31) FR2203564 (32) 15.04.22 (33) FR (43) 19.10.2023 (72) MOREL, Benoît; DE COMBARIEU, Guillaume; SALMON LEGAGNEUR, Guillaume (74) WRAYS PTY LTD
(71) FREELANCE ROBOTICS PTY LTD (11) AU-A-2023248375 (21) 2023248375 (22) 06.04.2023	(71) FRS GROUP, LLC (11) AU-A-2022449348 (21) 2022449348 (22) 05.12.2022 (54) LONG-TERM FIRE RETARDANT WITH CORROSION INHIBITORS AND METHODS FOR MAKING AND USING SAME (51) Int. Cl. A62D 1/00 (2006.01) C09K 21/02 (2006.01) C08J 3/02 (2006.01) C23F 11/10 (2006.01) C23F 11/18 (2006.01) (87) WO2023/191907 (31) 63/325,876 (32) 31.03.22 (33) US (43) 05.10.2023 (72) HULBERT, Dennis; BURNHAM, Robert, J.; SCHNARR, Michael, S.; GEISSLER, Gerald; WILKENING, David, W.;	(71) GAZTRANSPORT ET TECHNIGAZ (11) AU-A-2023254428 (21) 2023254428 (22) 12.04.2023 (54) WALL FOR A LEAKTIGHT AND THERMALLY INSULATING VESSEL (51) Int. Cl. F17C 3/02 (2006.01) (87) WO2023/198766 (31) FR2203560 (32) 15.04.22 (33) FR (43) 19.10.2023 (72) DE COMBARIEU, Guillaume; SALMON LEGAGNEUR, Guillaume; MOREL, Benoît (74) WRAYS PTY LTD (71) GBM WORKS IP B.V. (11) AU-A-2023266694 (21) 2023266694 (22) 09.05.2023 (54) A MONOPILE FOR A WIND TURBINE (51) Int. Cl. E02D 5/28 (2006.01) E02D 7/24 (2006.01)

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(71) GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD. (11) AU-A-2023270990 (21) 2023270990 (22) 30.03.2023 (54) CONTROL METHOD AND CONTROL APPARATUS FOR MULTI-SPLIT AIR CONDITIONING SYSTEM, AND MULTI-SPLIT AIR CONDITIONING SYSTEM (51) Int. Cl. <i>F24F 11/84</i> (2018.01) <i>F24F 11/00</i> (2018.01) <i>F24F 11/86</i> (2018.01) (87) WO2023/221664 (31) 202210529688.7 (32) 16.05.22 (33) CN (43) 23.11.2023 (72) WANG, Zhengxing; TAO, Kui; LI, Shunquan; ZHU, Hehua; SONG, Lei (74) Michael Buck IP	(71) GENMAB A/S; BIONTECH SE (11) AU-A-2023269546 (21) 2023269546 (22) 12.05.2023 (54) BINDING AGENTS CAPABLE OF BINDING TO CD27 IN COMBINATION THERAPY (51) Int. Cl. <i>A61P 35/00</i> (2006.01) <i>C07K 16/28</i> (2006.01) (87) WO2023/218051 (31) 63/341,406 (32) 12.05.22 (33) US (43) 16.11.2023 (72) BREIJ, Esther, C, W.; SAHIN, Ugur; ALTINTAS, Isil; IOAN, Andreea; BEURSKENS, Frank; DE JONG, Rob N.; SCHUURMAN, Janine; DE GOEJE, Pauline Linda; SATIJN, David; BOROSS, Peter; IMLE, Andrea; NÜRMBERGER, Kristina; MUIK, Alexander; GIESEKE, Friederike (74) Griffith Hack	(71) GOLDHOFER AKTIENGESELLSCHAFT (11) AU-A-2023263680 (21) 2023263680 (22) 25.04.2023 (54) HEAVY LOAD TRANSPORT MODULAR VEHICLE, TRANSPORT VEHICLE FOR A PLURALITY OF HEAVY LOAD TRANSPORT MODULAR VEHICLES, AND RECEIVING PORTION FOR A TRANSPORT VEHICLE OF THIS KIND (51) Int. Cl. <i>B60P 3/40</i> (2006.01) <i>B60P 3/08</i> (2006.01) <i>B62D 61/10</i> (2006.01) <i>G05D 1/20</i> (2024.01) (87) WO2023/213605 (31) 10 2022 110 682.9 (32) 02.05.22 (33) DE (43) 09.11.2023 (72) HÄRING, Thomas (74) Davies Collison Cave Pty Ltd
(71) GENELEC OY (11) AU-A-2023274022 (21) 2023274022 (22) 17.05.2023 (54) OPTIMIZATION OF LOUDSPEAKER INSTALLATION IN A MONITORING SPACE (51) Int. Cl. <i>H04R 29/00</i> (2006.01) <i>G01H 7/00</i> (2006.01) (87) WO2023/222950 (31) 20225433 (32) 17.05.22 (33) FI (43) 23.11.2023 (72) HOLM, Juha; MÄKIVIRTA, Aki; ROININEN, Mikko (74) Arceo IP	(71) GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN STIFTUNG ÖFFENTLICHEN RECHTS, UNIVERSITÄTSMEDIZIN; GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN STIFTUNG ÖFFENTLICHEN RECHTS (11) AU-A-2023274006 (21) 2023274006 (22) 19.05.2023 (54) AZOLO COMPOUNDS FOR TREATMENT OF FIBROTIC DISEASES (51) Int. Cl. <i>A61K 31/5025</i> (2006.01) <i>A61P 1/00</i> (2006.01) <i>A61P 9/00</i> (2006.01) <i>A61P 11/00</i> (2006.01) <i>A61P 13/12</i> (2006.01) (87) WO2023/222865 (31) 22174346.1 (32) 19.05.22 (33) EP (43) 23.11.2023 (72) TIETZE, Lutz Friedjahn; VOSS, Edgar; MOTHUKU, Shyam Sundar; ZEISBERG, Michael; HASENFUSS, Gerd; NYAMSUREN, Gunsmaa (74) Allens Patent & Trade Mark Attorneys	(71) GOOGLE LLC (11) AU-A-2023270147 (21) 2023270147 (22) 28.04.2023 (54) MAGNETIC DOCKING (51) Int. Cl. <i>G06F 1/16</i> (2006.01) (87) WO2023/219815 (31) 63/364,479 (32) 10.05.22 (33) US (43) 16.11.2023 (72) SAINI, Vivek; TUNG, Harrison; CHIEN, Chihmin; WONG, Amy Lai; DE LA FUENTE, Valentin Shaun; FANTIN, Juan Manuel; CHANG, David F.; PATEL, Prashant Bhogilal; BRUMMER, Bengt Gunnar; Pl, Jason Stanley (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(71) GRANT PRIDECO, INC. (11) AU-A-2023264275		

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 (54) A BEND LIMITER, A METHOD OF PRODUCING THE BEND LIMITER AND AN INSTALLATION COMPRISING THE BEND LIMITER
 (51) Int. Cl.
F16L 1/12 (2006.01)
E21B 17/01 (2006.01)
 (87) WO2023/213951
 (31) PA202270236 (32) 05.05.22 (33) DK
 (43) 09.11.2023
 (72) PEDERSEN, Bjarke
 (74) FPA Patent Attorneys Pty Ltd

(71) GRAPHIC PACKAGING INTERNATIONAL, LLC
 (11) AU-A-2023275484
 (21) 2023275484 (22) 25.05.2023
 (54) CARRIER FOR CONTAINERS
 (51) Int. Cl.
B65D 71/44 (2006.01)
B65D 71/32 (2006.01)
 (87) WO2023/230234
 (31) 63/345,965 (32) 26.05.22 (33) US
 (43) 30.11.2023
 (72) FORD, Colin, P.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) GREIF INTERNATIONAL HOLDING BV
 (11) AU-A-2023266629
 (21) 2023266629 (22) 05.05.2023
 (54) SCREW CAP CORE SEAL STRUCTURE
 (51) Int. Cl.
B65D 39/12 (2006.01)
B65D 41/04 (2006.01)
B65D 41/34 (2006.01)
B65D 47/24 (2006.01)
B65D 51/16 (2006.01)
 (87) WO2023/217656
 (31) 2206828.2 (32) 10.05.22 (33) GB
 (43) 16.11.2023
 (72) MORENO MARIN, Jaime; DE OLIVEIRA, Pedro, Miguel
 (74) Spruson & Ferguson

(71) GUBRA A/S
 (11) AU-A-2023296893
 (21) 2023296893 (22) 30.06.2023
 (54) AMYLIN RECEPTOR (hAMY3R) AGONISTS WITH IMPROVED CHEMICAL STABILITY
 (51) Int. Cl.
C07K 14/575 (2006.01)
A61K 38/22 (2006.01)
A61P 3/06 (2006.01)
A61P 3/08 (2006.01)
A61P 3/10 (2006.01)
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 (31) 22182529.2 (32) 01.07.22 (33) EP
 (43) 04.01.2024
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 (74) GLMR

(71) GÜNTNER GMBH & CO. KG
 (11) AU-A-2023275939
 (21) 2023275939 (22) 25.05.2023
 (54) METHOD FOR OPERATING A HEAT EXCHANGER AND APPARATUS HAVING A HEAT EXCHANGER
 (51) Int. Cl.
F25D 21/00 (2006.01)
F24F 11/41 (2018.01)
F24F 11/62 (2018.01)
F24F 11/65 (2018.01)
F25B 47/02 (2006.01)
F25B 49/02 (2006.01)
F25D 21/02 (2006.01)
F25D 29/00 (2006.01)
G03B 37/00 (2021.01)
G05D 23/19 (2006.01)
G06N 3/08 (2023.01)
G06N 20/00 (2019.01)
G06V 10/143 (2022.01)
 (87) WO2023/227741
 (31) 10 2022 113 411.3 (32) 27.05.22 (33) DE
 (43) 30.11.2023
 (72) KÖCHER, Jörg
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) GÜNTNER GMBH & CO. KG
 (11) AU-A-2023276874
 (21) 2023276874 (22) 25.05.2023
 (54) DEVICE HAVING A HEAT EXCHANGER AND METHOD FOR OPERATING A HEAT EXCHANGER OF A DEVICE
 (51) Int. Cl.
F28F 17/00 (2006.01)
F24F 11/62 (2018.01)
F25B 47/02 (2006.01)
F25D 21/02 (2006.01)
F25D 21/08 (2006.01)
G06N 3/08 (2023.01)
 (87) WO2023/227730
 (31) 10 2022 113 409.1 (32) 27.05.22 (33) DE
 (43) 30.11.2023
 (72) KÖCHER, Jörg; FREIHERR, Michael
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD.; CELL CURE NEUROSCIENCES, LTD.
 (11) AU-A-2023260469
 (21) 2023260469 (22) 24.04.2023
 (54) METHODS AND COMPOSITIONS FOR TREATING VISION LOSS
 (51) Int. Cl.
C12N 5/0793 (2010.01)
C12N 5/079 (2010.01)
G01N 33/50 (2006.01)
 (87) WO2023/211857
 (31) 63/334,593 (32) 25.04.22 (33) US
 (43) 02.11.2023
 (72) SKALITER, Rami; NEEMAN, Dana Hayoun; WISER, Ofer; REUBINOFF, Benjamin Eithan; KHANER, Hanita
 (74) FPA Patent Attorneys Pty Ltd

(71) HALLIBURTON ENERGY SERVICES, INC.
 (11) AU-A-2023308964
 (21) 2023308964 (22) 19.04.2023

(54) MAGNETIC SENSOR ASSEMBLY HAVING A NON-FLAT SHAPE PLUG FOR CEMENT SLURRY SENSING
 (51) Int. Cl.
E21B 47/005 (2012.01)
E21B 33/16 (2006.01)
 (87) WO2024/020255
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2023338767 (22) 23.06.2023
 (54) FLOW CONTROL SYSTEM FOR USE IN A SUBTERRANEAN WELL
 (51) Int. Cl.
E21B 43/12 (2006.01)
E21B 34/08 (2006.01)
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 (31) 63/374,613 (32) 06.09.22 (33) US
 18/340,063 23.06.23 US
 (43) 14.03.2024
 (72) GRECI, Stephen, Michael; MCCHESENEY, Ryan, W.; FRIPP, Michael, Linley
 (74) Spruson & Ferguson

(71) HANGZHOU GREAT STAR INDUSTRIAL CO., LTD.
 (11) AU-A-2022449433
 (21) 2022449433 (22) 29.03.2022
 (54) RATCHET WHEEL MECHANISM AND HAND TOOL
 (51) Int. Cl.
B25B 13/46 (2006.01)
 (87) WO2023/184132
 (43) 05.10.2023
 (72) LI, Yueming
 (74) Westmark IP

(71) HANMI PHARM. CO., LTD.
 (11) AU-A-2023256431
 (21) 2023256431 (22) 18.04.2023
 (54) COMBINATION THERAPY OF GLP-2 WITH INSULINOTROPIC PEPTIDE, TNFA INHIBITOR OR BOTH FOR PREVENTING OR TREATING INTESTINAL DISEASES
 (51) Int. Cl.
A61K 38/26 (2006.01)
A61K 45/06 (2006.01)
A61K 47/68 (2017.01)
A61P 1/00 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
C07K 14/605 (2006.01)
 (87) WO2023/204556
 (31) 10-2022-0047662 (32) 18.04.22 (33) KR
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 (74) WRAYS PTY LTD

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(11) AU-A-2023281435
(21) 2023281435 (22) 22.03.2023
(54) WEARABLE DEVICE CONFIGURED TO EVALUATE A BREAST AREA OF A USER AND PROVIDE A PREDICTION
(51) Int. Cl.
A41C 3/00 (2006.01)
A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
G16H 50/30 (2018.01)
(87) WO2023/234995
(31) 63/347,842 (32) 01.06.22 (33) US
(43) 07.12.2023
(72) LOCK, Blair, Andrew; HARGROVE, Levi, John
(74) FPA Patent Attorneys Pty Ltd
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- (71) HEARTKINETICS
(11) AU-A-2023244234
(21) 2023244234 (22) 14.03.2023
(54) METHOD, SYSTEM AND COMPUTER PROGRAM FOR DETECTING A HEART HEALTH STATE
(51) Int. Cl.
G16H 50/30 (2018.01)
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
G16H 40/63 (2018.01)
G16H 40/67 (2018.01)
(87) WO2023/186532
(31) 22165124.3 (32) 29.03.22 (33) EP
(43) 05.10.2023
(72) MIGEOTTE, Pierre-François; GORLIER, Damien
(74) Integrated IP
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(11) AU-A-2023247751
(21) 2023247751 (22) 27.02.2023
(54) METHOD, SYSTEM AND COMPUTER PROGRAM FOR DETECTING A HEART HEALTH STATE
(51) Int. Cl.
G16H 40/63 (2018.01)
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
G16H 40/67 (2018.01)
G16H 50/30 (2018.01)
G16H 10/60 (2018.01)
G16H 50/70 (2018.01)
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(72) MIGEOTTE, Pierre-François; GORLIER, Damien
(74) Integrated IP
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- (71) HEBEI HAODE RUBBER & PLASTICE CO., LTD.
(11) AU-A-2023387761
(21) 2023387761 (22) 13.07.2023
(54) Ore Conveyor Belt Device
(51) Int. Cl.
B65G 15/08 (2006.01)
B65G 21/22 (2006.01)
(31) 202321024333.9 (32) 28.04.23 (33) CN
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- (43) 14.11.2024
(72) LI, Yongkang; XIA, Tao; GAO, Qian; ZHAO, Yanhui
(74) James & Wells Intellectual Property
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(11) AU-A-2023263775
(21) 2023263775 (22) 05.05.2023
(54) MALTED DEHUSKED BARLEY
(51) Int. Cl.
C12C 1/02 (2006.01)
C12C 1/047 (2006.01)
C12C 1/16 (2006.01)
C12C 1/18 (2006.01)
(87) WO2023/214080
(31) 22171872.9 (32) 05.05.22 (33) EP
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(43) 09.11.2023
(72) VISSCHER, Hendrik Jan; BEKKERS, Augustinus Cornelius Aldegonde Petrus Albert; VISSENAEKENS, Johan Franciscus Maria; HOEKMAN, Christine Lidian
(74) Griffith Hack
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- (71) HEINEKEN SUPPLY CHAIN B.V.
(11) AU-A-2023265480
(21) 2023265480 (22) 05.05.2023
(54) PEELED CHIT MALT
(51) Int. Cl.
C12C 1/02 (2006.01)
C12C 1/047 (2006.01)
C12C 1/16 (2006.01)
C12C 1/18 (2006.01)
(87) WO2023/214077
(31) 22171877.8 (32) 05.05.22 (33) EP
22171872.9 05.05.22 EP
22212918.1 12.12.22 EP
(43) 09.11.2023
(72) VISSCHER, Hendrik Jan; BEKKERS, Augustinus Cornelius Aldegonde Petrus Albert; VISSENAEKENS, Johan Franciscus Maria; HOEKMAN, Christine Lidian
(74) Griffith Hack
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- (71) HITACHI, LTD.
(11) AU-A-2023254599
(21) 2023254599 (22) 07.04.2023
(54) RAILWAY COMMUNICATION SYSTEM AND RAILWAY COMMUNICATION METHOD
(51) Int. Cl.
H04L 47/2475 (2022.01)
(87) WO2023/199850
(31) 2022-067866 (32) 15.04.22 (33) JP
(43) 19.10.2023
(72) OKUMURA, Taichi; OOMI, Taishi; OKURA, Yoshinori
(74) Davies Collison Cave Pty Ltd
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- (71) HITACHI RAIL GTS DEUTSCHLAND GMBH
(11) AU-A-2023264255
(21) 2023264255 (22) 03.05.2023
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- (54) MEASUREMENT METHOD FOR DETECTING A MECHANICAL FORCE ACTING ON AN OBJECT, AND MEASURING DEVICE HAVING A FIBRE-OPTIC SENSOR UNIT
(51) Int. Cl.
G01L 1/24 (2006.01)
G01D 5/353 (2006.01)
G01M 11/08 (2006.01)
(87) WO2023/213851
(31) 10 2022 204 419.3 (32) 04.05.22 (33) DE
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(72) GROB, Thomas; SCHICKER, Kai; KLEMM, Rainer
(74) Davies Collison Cave Pty Ltd
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- (71) HOLLISTER INCORPORATED
(11) AU-A-2023265115
(21) 2023265115 (22) 25.04.2023
(54) HYDROPHILIC URINARY CATHETER PRODUCTS WITH MICROCAPSULES OF ANTI-BACTERIAL AGENTS
(51) Int. Cl.
A61L 29/08 (2006.01)
A61L 29/16 (2006.01)
(87) WO2023/215683
(31) 63/339,172 (32) 06.05.22 (33) US
(43) 09.11.2023
(72) PANESAR, Satwinder, S.
(74) Spruson & Ferguson
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- (71) HORIZONT ENERGI AS
(11) AU-A-2023264831
(21) 2023264831 (22) 05.05.2023
(54) METHODS AND SYSTEMS FOR PRODUCING AMMONIA AND FOR LONG-TERM DEPOSITING OF CARBON DIOXIDE
(51) Int. Cl.
C01B 3/34 (2006.01)
C01C 1/04 (2006.01)
(87) WO2023/214074
(31) 22172174.9 (32) 06.05.22 (33) EP
(43) 09.11.2023
(72) FELBAB, Nikola
(74) Davies Collison Cave Pty Ltd
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- (71) HOVER INC.
(11) AU-A-2023261931
(21) 2023261931 (22) 26.04.2023
(54) METHODS, STORAGE MEDIA, AND SYSTEMS FOR MEASURING AN ANGLE OF A ROOF FACET
(51) Int. Cl.
G01C 1/04 (2006.01)
B64C 39/02 (2023.01)
G01C 5/00 (2006.01)
G01C 9/00 (2006.01)
G01C 11/34 (2006.01)
G06T 7/30 (2017.01)
G05D 1/00 (2006.01)
G06V 10/74 (2022.01)
(87) WO2023/212093
(31) 63/336,895 (32) 29.04.22 (33) US
63/417,148 18.10.22 US
(43) 02.11.2023
(72) SOMMERS, Jeffrey; BARBHAIYA, Harsh; STUART, Patrick Russell
(74) Davies Collison Cave Pty Ltd

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(71) HOWARD HUGHES MEDICAL INSTITUTE		(43) 02.11.2023			(74) WRAYS PTY LTD
(11) AU-A-2023261962		(72) KONG, Xiangfeng; WANG, Lecong; KONG, Xuqiang			
(21) 2023261962	(22) 27.04.2023	(74) Griffith Hack			
(54) CHEMOGENETIC RECEPTORS AND METHODS OF MAKING AND USING					
(51) Int. Cl.					
C07K 14/705 (2006.01)		(71) HUMATICS CORPORATION			
A61K 38/17 (2006.01)		(11) AU-A-2023243610			
A61P 25/30 (2006.01)		(21) 2023243610	(22) 30.03.2023		
(87) WO2023/212230		(54) SYSTEMS AND METHODS FOR ESTIMATING VEHICLE LOCATIONS			
(31) 63/335,249	(32) 27.04.22 (33) US	(51) Int. Cl.			
(43) 02.11.2023		B61L 25/02 (2006.01)			
(72) STERNSON, Scott; MAGNUS, Christopher		G01S 11/02 (2010.01)			
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd		(87) WO2023/192963			
		(31) 63/326,130	(32) 31.03.22 (33) US		
		(43) 05.10.2023			
		(72) TEIXEIRA, Pedro; KUHLMAN, Michael; REZAIE, Reza; SENNA, Joshua; WHITEMORE, Aaron; WILSON, Eleanor			
		(74) RnB IP Pty Ltd			
(71) HOYA LENS THAILAND LTD.		(71) HYBRIT DEVELOPMENT AB			
(11) AU-A-2023309968		(11) AU-A-2023275290			
(21) 2023309968	(22) 19.07.2023	(21) 2023275290	(22) 24.05.2023		
(54) DESIGN METHOD FOR EYEGLASS LENS, PRODUCTION METHOD FOR EYEGLASS LENS, EYEGLASS LENS, AND EYEGLASSES		(54) A METHOD AND AN ARRANGEMENT FOR A CONTINUOUS PRODUCTION OF SPONGE IRON FROM IRON ORE			
(51) Int. Cl.		(51) Int. Cl.			
G02C 7/02 (2006.01)		C21B 13/00 (2006.01)			
G02C 7/06 (2006.01)		C21B 13/02 (2006.01)			
(87) WO2024/019070		(87) WO2023/229515			
(31) 2022-114588	(32) 19.07.22 (33) JP	(21) 2250625-7	(32) 25.05.22 (33) SE		
(43) 25.01.2024		(43) 30.11.2023			
(72) MATSUOKA Shohei; TATEJIMA Seitaro		(72) ÖSTLING, Jörgen			
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd		(74) Davies Collison Cave Pty Ltd			
(71) HUAWEI TECHNOLOGIES CO., LTD.		(71) HYKSO INC.			
(11) AU-A-2023258986		(11) AU-A-2023271647			
(21) 2023258986	(22) 07.03.2023	(21) 2023271647	(22) 24.02.2023		
(54) COMMUNICATION METHOD AND RELATED APPARATUS		(54) STABILIZED TRAINING APPARATUS			
(51) Int. Cl.		(51) Int. Cl.			
H04W 4/029 (2018.01)		A63B 69/22 (2006.01)			
H04W 80/08 (2009.01)		A63B 69/20 (2006.01)			
(87) WO2023/207342		A63B 69/24 (2006.01)			
(31) 202210469102.2	(32) 29.04.22 (33) CN	A63B 63/06 (2006.01)			
(43) 02.11.2023		A63B 69/00 (2006.01)			
(72) ZHU, Fangyuan; XU, Shengfeng		(87) WO2023/224706			
(74) PHILLIPS ORMONDE FITZPATRICK		(31) 63/342,069	(32) 14.05.22 (33) US		
		18/110,850	16.02.23 US		
		(43) 23.11.2023			
		(72) HOANG, Doug			
		(74) Griffith Hack			
(71) HUIDAGENE THERAPEUTICS (SINGAPORE) PTE. LTD.		(71) ILLUMINA, INC.			
(11) AU-A-2023261324		(11) AU-A-2023281871			
(21) 2023261324	(22) 25.04.2023	(21) 2023281871	(22) 30.05.2023		
(54) NOVEL CRISPR-CAS12F SYSTEMS AND USES THEREOF		(54) COMPOSITIONS AND METHODS FOR NUCLEIC ACID SEQUENCING			
(51) Int. Cl.		(51) Int. Cl.			
C12N 9/22 (2006.01)		C12Q 1/6869 (2018.01)			
A61K 48/00 (2006.01)		(87) WO2023/232829			
A61P 43/00 (2006.01)		(31) 63/347,152	(32) 31.05.22 (33) US		
C12N 15/113 (2010.01)		63/486,082	21.02.23 US		
C12N 15/82 (2006.01)					
C12Q 1/6816 (2018.01)					
(87) WO2023/208000					
(31) PCT/	(32) 25.04.22 (33) CN				
CN2022/089053					

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(71) INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGY, CHINESE ACADEMY OF SCIENCES

(11) AU-A-2022455698

(21) 2022455698 (22) 29.04.2022

(54) USE OF MIR528 IN PRODUCTION AND BREEDING OF GRAMINEOUS FORAGE GRASSES

(51) Int. Cl.

C12N 15/82 (2006.01)

A01H 5/00 (2018.01)

A01H 6/46 (2018.01)

(87) WO2023/206318

(43) 02.11.2023

(72) CAO, Xiao Feng; YANG, Rong Xin; SONG, Xian Wei; TANG, Shan Jie; ZHAO, Qing Hua

(74) Spruson & Ferguson

(71) INTERLINE THERAPEUTICS, INC.

(11) AU-A-2023269061

(21) 2023269061 (22) 11.05.2023

(54) LRRK2 INHIBITORS

(51) Int. Cl.

C07D 471/04 (2006.01)

A61K 31/437 (2006.01)

(87) WO2023/220238

(31) 63/341,065 (32) 12.05.22 (33) US

(43) 16.11.2023

(72) MOREAU, Robert J.; TULLY, David C.; GUO, Zuojun; CARDOZO, Mario G.; SWEENEY, Zachary K.

(74) PHILLIPS ORMONDE FITZPATRICK

(71) INTERLINE THERAPEUTICS, INC.

(11) AU-A-2023269638

(21) 2023269638 (22) 11.05.2023

(54) LRRK2 INHIBITORS

(51) Int. Cl.

C07D 471/04 (2006.01)

A61K 31/437 (2006.01)

(87) WO2023/220247

(31) 63/341,068 (32) 12.05.22 (33) US

(43) 16.11.2023

(72) TULLY, David C.; MOREAU, Robert J.; RAJAPAKSA, Naomi S.; RAO, Meera; GUO, Zuojun; CARDOZO, Mario G.

(74) PHILLIPS ORMONDE FITZPATRICK

(71) INVINITY ENERGY SYSTEMS (IRELAND) LIMITED

(11) AU-A-2023260689

(21) 2023260689 (22) 28.04.2023

(54) FLOW BATTERY STATE OF HEALTH INDICATOR

(51) Int. Cl.

H01M 8/04186 (2016.01)

H01M 8/04276 (2016.01)

H01M 8/18 (2006.01)

(87) WO2023/209214

(31) 2206248.3 (32) 28.04.22 (33) GB

(43) 02.11.2023

(72) WHITEHEAD, Adam Harding; MCDERMOTT, Jack; REID, Daniel; LYONS, Phil

(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) IOT - INNOVATIVE OBERFLÄCHENTECHNOLOGIEN GMBH

(11) AU-A-2022459256

(21) 2022459256 (22) 19.05.2022

(54) IRRADIATION DEVICE WITH EXCIMER EMITTERS AS UV SOURCE

(51) Int. Cl.

B41F 23/04 (2006.01)

H01J 61/00 (2006.01)

H01J 65/00 (2006.01)

(87) WO2023/222178

(43) 23.11.2023

(72) MEHNERT, Reiner; RIEDEL, Thomas; RUDZIK, Frank

(74) Davies Collison Cave Pty Ltd

(71) ITRON GLOBAL SARL

(11) AU-A-2023279541

(21) 2023279541 (22) 07.03.2023

(54) PRESSURE SENSOR EMBEDDED IN A METERING DEVICE

(51) Int. Cl.

G01L 9/00 (2006.01)

G01F 1/00 (2022.01)

G01L 19/00 (2006.01)

(87) WO2023/234984

(31) 17/829,162 (32) 31.05.22 (33) US

(43) 07.12.2023

(72) VAGO, Stephane; MOSSER, Vincent; DARRAS, Arnaud; PASTOR, Gregory

(74) FPA Patent Attorneys Pty Ltd

(71) JANSSEN BIOTECH, INC.

(11) AU-A-2023247113

(21) 2023247113 (22) 23.02.2023

(54) SHELL FOR SMALL VIAL TO FIT INTO INJECTOR OR CAP REMOVER

(51) Int. Cl.

A61M 5/00 (2006.01)

A61M 5/142 (2006.01)

A61M 5/24 (2006.01)

(87) WO2023/187495

(31) 63/325,354 (32) 30.03.22 (33) US

(43) 05.10.2023

(72) ZWIRNMANN, Ralph Fritz

(74) Spruson & Ferguson

(71) JANSSEN BIOTECH, INC.

(11) AU-A-2023247337

(21) 2023247337 (22) 30.03.2023

(54) METHOD OF TREATING MILD TO MODERATE PSORIASIS WITH IL-23 SPECIFIC ANTIBODY

(51) Int. Cl.

C07K 16/24 (2006.01)

A61K 39/395 (2006.01)

A61P 29/00 (2006.01)

A61P 37/06 (2006.01)

(87) WO2023/187707

(31) 63/325,454 (32) 30.03.22 (33) US

(43) 05.10.2023

(72) CHAN, Daphne; CHOI, Olivia; GAO, Long-Long; JEYARAJAH, Jenny; LI, Shu; ROWLAND, Katelyn; SINHA, Vikash; WANG, Yanli

(74) Spruson & Ferguson

(71) JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.

(11) AU-A-2023273063

(21) 2023273063 (22) 16.05.2023

(54) PHARMACEUTICAL COMPOSITION CONTAINING ANTI-NECTIN-4 ANTIBODY DRUG CONJUGATE AND USE THEREOF

(51) Int. Cl.

C07K 16/28 (2006.01)

A61K 31/4745 (2006.01)

A61K 39/395 (2006.01)

A61K 47/68 (2017.01)

A61P 35/00 (2006.01)

C12N 15/13 (2006.01)

(87) WO2023/221971

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(43) 23.11.2023

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(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2023263523

(21) 2023263523 (22) 28.08.2023

(54) AIR INTAKE STRUCTURE FOR VEHICLE SUNROOF AND RECREATIONAL VEHICLE (RV) WITH SUN-ROOF

(51) Int. Cl.

B60J 7/00 (2006.01)

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(43) 14.11.2024

(72) XIAO, Heping; HU, Qingqing

(74) Madderns Pty Ltd

(71) JOHNSON & JOHNSON CONSUMER INC.; UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND

(11) AU-A-2023248738

(21) 2023248738 (22) 23.03.2023

(54) WINDOW OF OPPORTUNITY SKIN TREATMENT REGIMEN AND COMPOSITION FOR PREVENTING THE ONSET OF OR TREATING ATOPIC DERMATITIS

(51) Int. Cl.

A61K 31/00 (2006.01)

A61K 45/06 (2006.01)

A61P 17/16 (2006.01)

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(31) 63/327,052 (32) 04.04.22 (33) US

(43) 12.10.2023

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(71) JOHNSON & JOHNSON VISION CARE, INC.

(11) AU-A-2023409721

(21) 2023409721 (22) 14.12.2023

(54) ENHANCED-SUMMATION CONTACT LENS PAIR FOR CORRECTION OF PRESBYOPIA, AND RELATED

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(51) Int. Cl.
G02C 7/02 (2006.01)
G02C 7/04 (2006.01)
(87) WO2024/134397
(31) 63/434,401 (32) 21.12.22 (33) US
(43) 27.06.2024
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(21) 2023409811 (22) 19.12.2023
(54) OPHTHALMIC LENS FOR MYOPIA CONTROL
(51) Int. Cl.
G02C 7/02 (2006.01)
G02C 7/04 (2006.01)
(87) WO2024/134487
(31) 63/434,819 (32) 22.12.22 (33) US
63/548,432 14.11.23 US
(43) 27.06.2024
(72) CHEN, Minghan; CHENG, Xu; HERNANDEZ, Jaclyn; HESTER-HOTTE, Emily; BRENNAN, Noel A.
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(54) OPHTHALMIC LENS FOR MYOPIA CONTROL
(51) Int. Cl.
G02C 7/04 (2006.01)
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(31) 63/434,819 (32) 22.12.22 (33) US
63/548,432 14.11.23 US
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(21) 2024238254 (22) 19.03.2024
(54) OPHTHALMIC LENSES AND THEIR MANUFACTURE BY IN-MOLD MODIFICATION
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B29D 11/00 (2006.01)
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(72) WIDMAN, Michael F.
(74) Spruson & Ferguson

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(21) 2023291963 (22) 14.06.2023

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(51) Int. Cl.
C07C 29/80 (2006.01)
C07C 31/08 (2006.01)
(87) WO2023/242566
(31) 2208864.5 (32) 16.06.22 (33) GB
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(72) BLIGHT, Richard James; CAMPBELL, Ian; HANNAN, Brendan Michael; TOHILL, Joseph
(74) Spruson & Ferguson

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(21) 2023295909 (22) 14.06.2023
(54) IMPROVEMENTS IN OR RELATING TO CATALYST CARRIERS FOR TUBULAR REACTORS
(51) Int. Cl.
G06Q 10/08 (2023.01)
B01J 8/06 (2006.01)
(87) WO2023/242563
(31) 2208816.5 (32) 15.06.22 (33) GB
(43) 21.12.2023
(72) BAKER, Rob Miles; CLARKSON, Jay Simon; COE, Andrew James; KELLY, Gordon
(74) Spruson & Ferguson

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(21) 2023267921 (22) 09.05.2023
(54) RIGID AXLE COMPRISING AN AXLE CARRIER HAVING A CRANKED CONTINUOUS TUBULAR COMPONENT AND AN ELECTRICAL MACHINE MOUNTED THEREON
(51) Int. Cl.
B60B 35/06 (2006.01)
B60B 35/08 (2006.01)
B60G 9/00 (2006.01)
(87) WO2023/217790
(31) 10 2022 112 096.1 (32) 13.05.22 (33) DE
(43) 16.11.2023
(72) NEUTZE, Tobias; BACKES, Tom
(74) Davies Collision Cave Pty Ltd

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(21) 2023240382 (22) 24.03.2023
(54) MHC IB-MEDIATED MYELIN-SPECIFIC IMMUNOSUPPRESSION AS A NOVEL TREATMENT FOR MULTIPLE SCLEROSIS AND MOG ANTIBODY DISEASE
(51) Int. Cl.
C07K 14/435 (2006.01)
C07K 16/28 (2006.01)
(87) WO2023/180546
(31) 22164122.8 (32) 24.03.22 (33) EP
(43) 28.09.2023
(72) BRUTTEL, Valentin; WISCHHUSEN, Jörg; BRÜNNERT, Daniela; AHSAN, Fadhil
(74) Spruson & Ferguson

(71) KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION
(11) AU-A-2023314721
(21) 2023314721 (22) 01.06.2023
(54) SERVER DEVICE, COMMUNICATION DEVICE, AND CONTROL SYSTEM
(51) Int. Cl.
H04L 67/141 (2022.01)
(87) WO2024/024270
(31) 2022-120927 (32) 28.07.22 (33) JP
(43) 01.02.2024
(72) OHNISHI Naoya; NAKATANI Hiroshi; HIRANO Tatzuma; MATSUYAMA Hiroki; TAKAYANAGI Yoichi; OKABE Motohiko
(74) Spruson & Ferguson

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(11) AU-A-2023314726
(21) 2023314726 (22) 05.06.2023
(54) COMMUNICATION PROCESSING DEVICE AND COMMUNICATION METHOD
(51) Int. Cl.
H04L 69/08 (2022.01)
H04L 12/66 (2006.01)
H04L 61/2521 (2022.01)
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(31) 2022-122259 (32) 29.07.22 (33) JP
(43) 01.02.2024
(72) WADA Hiroho; OHNISHI Naoya; NAKAMURA Kohta; AMAKI Satoru; NAKATANI Hiroshi; TASHIRO Taichi
(74) Spruson & Ferguson

(71) KASHIV BIOSCIENCES, LLC
(11) AU-A-2023250258
(21) 2023250258 (22) 06.04.2023
(54) AN IMPROVED CELL CULTURE PROCESS FOR PRODUCTION OF PROTEIN
(51) Int. Cl.
C12P 21/02 (2006.01)
C12N 5/02 (2006.01)
C12N 5/16 (2006.01)
C07K 1/00 (2006.01)
(87) WO2023/194946
(31) 202221020681 (32) 06.04.22 (33) IN
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(72) DEVASHRI, Nayan Niranjani; BHAVSAR, Kaumil Bhupendra bhai
(74) FB Rice Pty Ltd

(71) KEIO UNIVERSITY
(11) AU-A-2023261076
(21) 2023261076 (22) 24.04.2023
(54) CONNECTION DEVICE
(51) Int. Cl.
A61M 1/36 (2006.01)
A61M 1/16 (2006.01)
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(74) LAMINAR IP PTY LTD

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(21) 2023260754 (22) 27.04.2023
(54) DUAL POUCH WITH TEAR-AWAY LABEL
(51) Int. Cl.
B65D 33/00 (2006.01)
B65D 63/10 (2006.01)
B65D 75/58 (2006.01)
(87) WO2023/212163
(31) 63/363,819 (32) 29.04.22 (33) US
(43) 02.11.2023
(72) UTHOFF, Andrew Carl
(74) Davies Collison Cave Pty Ltd

(71) KEWPIE CORPORATION; KEWPIE EGG CORPORATION
(11) AU-A-2023253446
(21) 2023253446 (22) 11.04.2023
(54) PREMIX OF COAGULATED EGG-LIKE GELATINIZED PRODUCT, METHOD FOR PRODUCING COAGULATED EGG-LIKE GELATINIZED PRODUCT, COAGULATED EGG-LIKE GELATINIZED PRODUCT, AND FOOD
(51) Int. Cl.
A23L 29/256 (2016.01)
A23J 3/00 (2006.01)
A23L 15/00 (2016.01)
A23L 29/10 (2016.01)
A23L 29/281 (2016.01)
A23L 35/00 (2016.01)
(87) WO2023/199905
(31) 2022-065738 (32) 12.04.22 (33) JP
(43) 19.10.2023
(72) WATANABE, Masanori
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2023261789 (22) 26.04.2023
(54) AUTOMATED STAR PICKET EFFECT-OR FOR PALLETISING
(51) Int. Cl.
B25J 15/00 (2006.01)
B25J 15/06 (2006.01)
B65B 35/36 (2006.01)
B65B 35/44 (2006.01)
B65G 57/00 (2006.01)
B65G 57/04 (2006.01)
B65G 57/081 (2006.01)
B65G 57/18 (2006.01)
B65G 57/24 (2006.01)
(87) WO2023/205846
(31) 2022901091 (32) 26.04.22 (33) AU
(43) 02.11.2023
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(74) FAL PATENTS PTY LTD

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(11) AU-A-2023275671
(21) 2023275671 (22) 25.05.2023

(54) NON-VIRAL DELIVERY OF CELL THERAPY CONSTRUCTS
(51) Int. Cl.
C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/90 (2006.01)
(87) WO2023/230272
(31) 63/346,547 (32) 27.05.22 (33) US
63/492,110 24.03.23 US
(43) 30.11.2023
(72) CAI, Qi; TSAI, Hsing-Chuan; JIANG, Kaiyuan
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2023282907
(21) 2023282907 (22) 07.06.2023
(54) METHODS OF PREPARING LYMPHOCYTES FOR CELL THERAPY
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
C07K 14/725 (2006.01)
(87) WO2023/240143
(31) 63/350,645 (32) 09.06.22 (33) US
(43) 14.12.2023
(72) BANERJEE, Saikat; MURAKAMI, Jodi L.; NOWYHED, Heba N.; OU, Da Ming
(74) FPA Patent Attorneys Pty Ltd

(71) KLAUS MULTIPARKING GMBH
(11) AU-A-2023275850
(21) 2023275850 (22) 20.04.2023
(54) PARKING FACILITY AND METHOD FOR OPERATING SAME
(51) Int. Cl.
E04H 6/22 (2006.01)
E04H 6/42 (2006.01)
(87) WO2023/227301
(31) 10 2022 113 339.7 (32) 25.05.22 (33) DE
(43) 30.11.2023
(72) RABUS, Jonas
(74) Golja Haines & Friend

(71) KNAUS, S.; KNAUS, D.; BRETON, L.
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(21) 2022458703 (22) 19.05.2022
(54) AIR PRECLEANER
(51) Int. Cl.
B01D 45/14 (2006.01)
(87) WO2023/220801
(43) 23.11.2023
(72) KNAUS, Shaun; KNAUS, Dean; BRETON, Louis
(74) FPA Patent Attorneys Pty Ltd

(71) KOMATSU LTD.
(11) AU-A-2023282683
(21) 2023282683 (22) 07.06.2023
(54) CONTROL SYSTEM AND CONTROL METHOD
(51) Int. Cl.
G06Q 50/08 (2012.01)
(87) WO2023/238879
(31) 2022-093968 (32) 09.06.22 (33) JP

(43) 14.12.2023
(72) YAMAGUCHI, Yosuke; SHINTANI, Satoru; HIEDA, Naoki; NAMURA, Akihide; TANAKA, Toshiaki; KURIHARA, Takashi
(74) Spruson & Ferguson

(71) KOMATSU LTD.
(11) AU-A-2023323444
(21) 2023323444 (22) 08.08.2023
(54) MANAGEMENT SYSTEM FOR UNMANNED VEHICLE AND MANAGEMENT METHOD FOR UNMANNED VEHICLE
(51) Int. Cl.
G08G 1/09 (2006.01)
E02F 9/26 (2006.01)
G08G 1/16 (2006.01)
(87) WO2024/034587
(31) 2022-127843 (32) 10.08.22 (33) JP
(43) 15.02.2024
(72) ICHIZURI, Shogo
(74) Spruson & Ferguson

(71) KONE CORPORATION
(11) AU-A-2022460781
(21) 2022460781 (22) 01.06.2022
(54) AN ARRANGEMENT FOR REPLACING ELEVATOR SUSPENSION ROPES AND A METHOD
(51) Int. Cl.
B66B 19/02 (2006.01)
(87) WO2023/232248
(43) 07.12.2023
(72) HELENIUS, Juha; ÄIKÄS, Hannu; LAAKKONEN, Aki
(74) Collison & Co

(71) KONINKLIJKE PHILIPS N.V.
(11) AU-A-2023246692
(21) 2023246692 (22) 28.03.2023
(54) ACTIVE CANCELLATION OF NOISE IN A MEDICAL DEVICE
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/308 (2021.01)
(87) WO2023/186919
(31) 63/325,768 (32) 31.03.22 (33) US
(43) 05.10.2023
(72) FOLDEN, Dwayne
(74) FB Rice Pty Ltd

(71) KORPMAN, D.J.
(11) AU-A-2023248399
(21) 2023248399 (22) 06.04.2023
(54) SYSTEM AND PLATFORM FOR CREATING AND MANAGING FRACTIONALIZED NON-FUNGIBLE TOKENS
(51) Int. Cl.
G06Q 40/06 (2012.01)
G06F 21/60 (2013.01)
G06Q 20/38 (2012.01)
H04L 9/00 (2022.01)
G06Q 20/06 (2012.01)
(87) WO2023/196542
(31) 63/328,185 (32) 06.04.22 (33) US
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(72) KORPMAN, Dillon, James
(74) Patent Attorney Services

(71) KSQ THERAPEUTICS, INC.

(11) AU-A-2023249787

(21) 2023249787 (22) 07.04.2023

(54) THERAPEUTIC COMBINATIONS COMPRISING UBIQUITIN- SPECIFIC-PROCESSING PROTEASE 1 (USP1) INHIBITORS AND CHEMOTHERAPY AGENTS

(51) Int. Cl.

A61K 31/395 (2006.01)

A61K 31/41 (2006.01)

A61K 31/505 (2006.01)

A61K 31/33 (2006.01)

(87) WO2023/196955

(31) 63/329,228 (32) 08.04.22 (33) US
63/380,735 24.10.22 US

(43) 12.10.2023

(72) WYLIE, Andrew, Alistair; CADZOW, Anne, Louise; SULLIVAN, Pamela, Jean; TOBIN, Erica, Rose

(74) FB Rice Pty Ltd

(71) LABORATOIRES VIVACY

(11) AU-A-2023244511

(21) 2023244511 (22) 30.03.2023

(54) EMULSION COMPRISING A HYDROGEL AND FAT OR A FAT DERIVATIVE

(51) Int. Cl.

A61K 8/06 (2006.01)

A61K 8/04 (2006.01)

A61K 8/73 (2006.01)

A61K 8/92 (2006.01)

A61K 8/98 (2006.01)

A61K 9/00 (2006.01)

A61K 31/70 (2006.01)

A61K 31/728 (2006.01)

A61L 27/20 (2006.01)

A61L 27/52 (2006.01)

A61L 27/54 (2006.01)

A61Q 19/08 (2006.01)

(87) WO2023/187131

(31) FR2202907 (32) 30.03.22 (33) FR

(43) 05.10.2023

(72) SMARRITO, Stéphane

(74) Minter Ellison

(71) LAVA THERAPEUTICS N.V.

(11) AU-A-2023293720

(21) 2023293720 (22) 15.06.2023

(54) COMPOSITIONS COMPRISING ANTIBODIES THAT BIND GAMMA-DELTA T CELL RECEPTORS

(51) Int. Cl.

A61K 39/395 (2006.01)

A61K 31/70 (2006.01)

C07K 16/28 (2006.01)

C07K 16/46 (2006.01)

(87) WO2023/242320

(31) 22179260.9 (32) 15.06.22 (33) EP

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(72) PARREN, Paul Willem Henri Ida; ROOVERS, Robertus Cornelis; VAN DER VLIET, Johannes Jelle; LUTJE HULSIK, David; MACHIELSEN, Peter Alexander Gerardus Maria; VAN

WESTERHOVEN, Michiel; KING, Lisa Anna; FENNEMANN, Felix-Lennart; VAN DER VEEN, Jochem Willem

(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) LEMANIS ORGANIC PTY LTD

(11) AU-A-2023280623

(21) 2023280623 (22) 31.05.2023

(54) PROPIONIC ACID PRODUCTION IN BACTERIAL CULTURE AND USES THEREOF

(51) Int. Cl.

C12N 1/20 (2006.01)

A01N 25/04 (2006.01)

C12P 7/52 (2006.01)

(87) WO2023/230654

(31) 2022901476 (32) 31.05.22 (33) AU

(43) 07.12.2023

(72) LEMANIS, Nils

(74) Spruson & Ferguson

(71) LEPIDYNE CO., LTD.

(11) AU-A-2023260011

(21) 2023260011 (22) 07.04.2023

(54) COMPOSITION FOR DETERMINING WHETHER NUCLEIC ACID IS METHYLATED AND METHOD FOR DETERMINING WHETHER NUCLEIC ACID IS METHYLATED

(51) Int. Cl.

C12Q 1/6886 (2018.01)

(87) WO2023/211003

(31) 10-2022-0051454 (32) 26.04.22 (33) KR

(43) 02.11.2023

(72) KIM, Young-Joon; KIM, Si-Cho; HA, Jeong-Sil

(74) Michael Buck IP

(71) LG ENERGY SOLUTION, LTD.

(11) AU-A-2023280138

(21) 2023280138 (22) 02.06.2023

(54) BATTERY RACK INCLUDING IMPROVED COOLING STRUCTURE

(51) Int. Cl.

H01M 10/627 (2014.01)

H01M 10/613 (2014.01)

H01M 10/6563 (2014.01)

H01M 10/6566 (2014.01)

H01M 10/663 (2014.01)

H01M 50/251 (2021.01)

(87) WO2023/234754

(31) 10-2022-0068541 (32) 03.06.22 (33) KR

(43) 07.12.2023

(72) PARK, Jung-Beom; CHOI, Byung-Hyuk; LEE, Seung-Jun; CHO, Tae-Shin; MUN, Jeong-O

(74) FB Rice Pty Ltd

(71) LINOVA ENERGY LP

(11) AU-A-2023270179

(21) 2023270179 (22) 08.05.2023

(54) S-LINKED QUINONE POLYMERS, SULFURIZED CARBON MATRICES AND RELATED COMPOSITES, COMPOSITIONS, ELECTRODE MATERIAL, ELECTRODES, ELECTROCHEMICAL

CELLS, BATTERIES, METHODS AND SYSTEMS

(51) Int. Cl.

C08G 75/14 (2006.01)

H01M 4/02 (2006.01)

H01M 4/60 (2006.01)

H01M 4/62 (2006.01)

H01M 10/052 (2010.01)

(87) WO2023/219977

(31) 63/339,684 (32) 09.05.22 (33) US

(43) 16.11.2023

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(74) Allens Patent & Trade Mark Attorneys

(71) LIVIONEX, INC.

(11) AU-A-2023248424

(21) 2023248424 (22) 08.04.2023

(54) NOVEL ORAL CARE FORMULATIONS FOR TREATMENT OF XEROSTOMIA

(51) Int. Cl.

A61K 31/10 (2006.01)

A61K 31/19 (2006.01)

A61K 31/194 (2006.01)

A61K 31/661 (2006.01)

A61K 31/095 (2006.01)

(87) WO2023/196667

(31) 63/329,355 (32) 08.04.22 (33) US

(43) 12.10.2023

(72) BHUSHAN, Rajiv; GOSWAMY, Amit

(74) Adams Pluck

(71) LOGOMIX, INC.

(11) AU-A-2023246279

(21) 2023246279 (22) 31.03.2023

(54) CELL SUITABLE FOR GENE ENGINEERING, CELL ENGINEERING AND CELLULAR MEDICINE, AND METHOD FOR PRODUCING SAME

(51) Int. Cl.

C12N 15/09 (2006.01)

A61K 35/12 (2015.01)

A61K 48/00 (2006.01)

C12N 5/10 (2006.01)

(87) WO2023/191063

(31) 2022-061625 (32) 01.04.22 (33) JP

2023-011278 27.01.23 JP

(43) 05.10.2023

(72) AIZAWA Yasunori; OHNO Tomoyuki

(74) FB Rice Pty Ltd

(71) LOMA LINDA UNIVERSITY

(11) AU-A-2023260939

(21) 2023260939 (22) 28.04.2023

(54) PERISCOPE DEVICE FOR FORWARD VIEWING WITH A DUODENOSCOPE

(51) Int. Cl.

A61B 1/012 (2006.01)

A61B 1/00 (2006.01)

(87) WO2023/212736

(31) 63/336,740 (32) 29.04.22 (33) US

(43) 02.11.2023

(72) NAGENDRA, Gautam; WETTELAND, John F.

(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) LONHEA SA (11) AU-A-2022449945 (21) 2022449945 (22) 30.03.2022 (54) SYSTEM FOR PROCESSING HEALTH INDICATOR VALUES OF A PATIENT (51) Int. Cl. G16H 20/60 (2018.01) G16H 50/30 (2018.01) (87) WO2023/187446 (43) 05.10.2023 (72) GOLAY, Michel (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd	C12N 15/113 (2010.01) (87) WO2023/217209 (31) 202210514529.X (32) 11.05.22 (33) CN (43) 16.11.2023 (72) JIANG, Zhihong; REN, Fei; CAO, Kaiyue; GONG, Ruize (74) FPA Patent Attorneys Pty Ltd	(31) 2205614.7 (32) 14.04.22 (33) GB 2302147.0 15.02.23 GB (43) 19.10.2023 (72) CUDWORTH, Nicholas (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
(71) LUMO ANALYTICS OY (11) AU-A-2023259682 (21) 2023259682 (22) 28.04.2023 (54) METHOD AND SYSTEM FOR ANALYZING THE ELEMENTAL CONTENT OF DRILL CORES (51) Int. Cl. G01N 33/24 (2006.01) E21B 25/00 (2006.01) G01B 11/00 (2006.01) G01B 11/24 (2006.01) G01J 3/28 (2006.01) G01N 21/71 (2006.01) G01V 8/02 (2006.01) (87) WO2023/209270 (31) 20227064 (32) 30.04.22 (33) FI 20227096 06.07.22 FI (43) 02.11.2023 (72) KANGAS, Lasse; HARTIKAINEN, Ari; ROIMA, Jaakko (74) MEYER WEST IP	(71) MANNKIND CORPORATION (11) AU-A-2023261888 (21) 2023261888 (22) 26.04.2023 (54) METHOD AND COMPOSITION FOR TREATING LUNG DISEASES (51) Int. Cl. A61K 9/14 (2006.01) A61K 31/4439 (2006.01) C07D 213/04 (2006.01) C07D 231/14 (2006.01) C07D 241/02 (2006.01) C07D 495/04 (2006.01) (87) WO2023/212063 (31) 63/363,883 (32) 29.04.22 (33) US (43) 02.11.2023 (72) GRANT, Marshall L.; FREEMAN, John J.; CASTAGNA, Michael (74) K&L Gates	(71) MAYEKAWA MFG. CO., LTD. (11) AU-A-2023268138 (21) 2023268138 (22) 09.05.2023 (54) ROUND BLADE FOR SLICING, SLICING DEVICE, AND SLICING METHOD FOR WORKPIECE (51) Int. Cl. A22C 21/00 (2006.01) A22C 17/00 (2006.01) B26D 1/147 (2006.01) (87) WO2023/219079 (31) 2022-078115 (32) 11.05.22 (33) JP (43) 16.11.2023 (72) KODAMA Ryuji; USUI Hiroyuki; UMEDA Seichiro; GOTO Osamu; HANE Shinji; TOYODA Naoki (74) FB Rice Pty Ltd
(71) M.B. BROEKHUIS BEHEER B.V.; MRNP HOLDING B.V. (11) AU-A-2023259577 (21) 2023259577 (22) 25.04.2023 (54) RAIL LIGHTING FIXTURE AND METHOD FOR MANUFACTURE THEREOF (51) Int. Cl. B61L 9/04 (2006.01) B61L 23/06 (2006.01) F21S 4/28 (2016.01) (87) WO2023/208955 (31) 2031698 (32) 25.04.22 (33) NL 2032257 22.06.22 NL 2033637 29.11.22 NL (43) 02.11.2023 (72) BROEKHUIS, Martijn Bastiaan (74) Spruson & Ferguson	(71) MAXUNITECH INC. (11) AU-A-2022457398 (21) 2022457398 (22) 09.05.2022 (54) METHOD FOR PREPARING 4-NITRO-2-TRIFLUOROMETHYL ACETOPHENONE AND USE THEREOF (51) Int. Cl. C07C 201/12 (2006.01) C07C 205/45 (2006.01) (87) WO2023/216064 (43) 16.11.2023 (72) CHEN, Bangchi; SUN, Yinwei; WANG, Zhongyuan; SU, Yehua; XU, Xiaoyan; MU, Haiping (74) A.P.T. Patent and Trade Mark Attorneys	(71) MEDIATEST RESEARCH GMBH (11) AU-A-2022457156 (21) 2022457156 (22) 02.05.2022 (54) A METHOD FOR EMBEDDING OR DECODING AUDIO PAYLOAD IN AUDIO CONTENT (51) Int. Cl. G10L 19/018 (2013.01) G10L 19/025 (2013.01) (87) WO2023/212753 (43) 09.11.2023 (72) PAMINDER, Brar (74) Spruson & Ferguson
(71) MACAU UNIVERSITY OF SCIENCE AND TECHNOLOGY (11) AU-A-2023267812 (21) 2023267812 (22) 11.05.2023 (54) DOUBLE-STRANDED RNA MOLECULE AND PHARMACEUTICAL USE THEREOF (51) Int. Cl. A61P 35/00 (2006.01) A61K 31/713 (2006.01) A61P 35/04 (2006.01) C12N 15/11 (2006.01)	(71) MAXUNITECH INC. (11) AU-A-2022457759 (21) 2022457759 (22) 09.05.2022 (54) METHOD FOR PREPARING 2-SUBSTITUTED ARYL ACETONITRILE COMPOUND AND USE THEREOF (51) Int. Cl. C07C 253/30 (2006.01) C07C 255/33 (2006.01) (87) WO2023/216063 (43) 16.11.2023 (72) CHEN, Bangchi; SUN, Yinwei; WANG, Zhongyuan; ZHONG, Yi (74) A.P.T. Patent and Trade Mark Attorneys	(71) MEDSKIN SOLUTIONS DR. SUWELACK AG (11) AU-A-2023281894 (21) 2023281894 (22) 01.06.2023 (54) METHOD OF MAKING A COMPOSITION WITH A FILM-COATED POROUS MATERIAL (51) Int. Cl. A61L 15/32 (2006.01) A61L 15/42 (2006.01) B05D 1/26 (2006.01) B05D 3/02 (2006.01) (87) WO2023/232944 (31) 22176711.4 (32) 01.06.22 (33) EP (43) 07.12.2023 (72) WOGRAM, Marco; VÖLKER, Annalena; FERRO, Diana (74) Davies Collison Cave Pty Ltd
(71) MERCK SHARP & DOHME LLC (11) AU-A-2023268460 (21) 2023268460 (22) 11.05.2023 (54) INHIBITORS OF HUMAN RESPIRATORY SYNCYTIAL VIRUS AND METAPNEUMOVIRUS (51) Int. Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01)	(71) MAYBORN (UK) LIMITED (11) AU-A-2023253825 (21) 2023253825 (22) 11.04.2023 (54) LID (51) Int. Cl. A47G 19/22 (2006.01) (87) WO2023/199044	(71) MERCK SHARP & DOHME LLC (11) AU-A-2023268460 (21) 2023268460 (22) 11.05.2023 (54) INHIBITORS OF HUMAN RESPIRATORY SYNCYTIAL VIRUS AND METAPNEUMOVIRUS (51) Int. Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01)

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(71) MERSEN ÖSTERREICH HITTAU GES.M.B.H (11) AU-A-2023275977 (21) 2023275977 (22) 25.05.2023 (54) ROTARY ELECTRICAL CONTACT ASSEMBLY (51) Int. Cl. H01R 39/64 (2006.01) H01R 39/28 (2006.01) H01R 39/10 (2006.01) (87) WO2023/227951 (31) 22175461.7 (32) 25.05.22 (33) EP (43) 30.11.2023 (72) SORGO, Fabian; NEYER, Fabian; EBERLE, Wolfgang (74) Griffith Hack	(71) MIYOSHI OIL & FAT CO.,LTD. (11) AU-A-2023280611 (21) 2023280611 (22) 29.05.2023 (54) PAPER TREATMENT AGENT AND PAPER USING SAME, AND METHOD FOR IMPROVING PAPER TEXTURE (51) Int. Cl. D21H 21/22 (2006.01) D21H 19/10 (2006.01) A47K 10/16 (2006.01) (87) WO2023/234252 (31) 2022-090820 (32) 03.06.22 (33) JP (43) 07.12.2023 (72) SUZUKI Mai; NARITA Emi (74) WRAYS PTY LTD	(71) NESTED THERAPEUTICS, INC. (11) AU-A-2023260460 (21) 2023260460 (22) 24.04.2023 (54) HETEROCYCLIC DERIVATIVES AS MITOGEN-ACTIVATED PROTEIN KINASE (MEK) INHIBITORS (51) Int. Cl. A61P 35/00 (2006.01) A61K 31/352 (2006.01) C07D 311/16 (2006.01) C07D 405/06 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) (87) WO2023/211812 (31) 63/334,447 (32) 25.04.22 (33) US 63/417,823 20.10.22 US (43) 02.11.2023 (72) BELANGER, David; FITZGERALD, Mark; HALE, Jeffrey; HALE, Michael; HAN, Yongxin; ORTWINE, Daniel, F.; OZEN, Aysegul (74) FPA Patent Attorneys Pty Ltd
(71) MINERVA BIOTECHNOLOGIES CORPORATION (11) AU-A-2023253692 (21) 2023253692 (22) 11.04.2023 (54) ANTI-VARIABLE MUC1* ANTIBODIES AND USES THEREOF (51) Int. Cl. A61K 47/22 (2006.01) A61K 47/54 (2017.01) A61K 47/65 (2017.01) A61K 47/68 (2017.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) (87) WO2023/201234 (31) 63/330,277 (32) 12.04.22 (33) US (43) 19.10.2023 (72) BAMDAD, Cynthia; SMAGGHE, Benoit; MOE, Scott; JEON, Thomas (74) FB Rice Pty Ltd	(71) MODERN GAMES, INC. (11) AU-A-2023260436 (21) 2023260436 (22) 27.04.2023 (54) SYSTEMS AND METHODS FOR PHYSICAL BLOCKS AND CORRESPONDING VIRTUAL GAME ELEMENTS (51) Int. Cl. G06T 19/20 (2011.01) A63F 13/56 (2014.01) G06Q 30/02 (2023.01) G06T 11/00 (2006.01) G06T 17/00 (2006.01) (87) WO2023/212176 (31) 63/335,521 (32) 27.04.22 (33) US (43) 02.11.2023 (72) KIFER, Justin; KIFER, Amanda; HOULIHAN, Joseph; PETERS, Brennan; SIMMONS, Damien (74) GLMR	(71) NETFLIX, INC. (11) AU-A-2023282788 (21) 2023282788 (22) 22.05.2023 (54) TECHNIQUES FOR REUSING PORTIONS OF ENCODED ORIGINAL VIDEOS WHEN ENCODING LOCALIZED VIDEOS (51) Int. Cl. H04N 19/30 (2014.01) H04N 21/23 (2011.01) H04N 21/80 (2011.01) (87) WO2023/239549 (31) 17/834,399 (32) 07.06.22 (33) US (43) 14.12.2023 (72) WATSON, Mark; NEWTON, Christopher (74) FPA Patent Attorneys Pty Ltd
(71) MIRACURE BIOTECHNOLOGY LIMITED (11) AU-A-2023261450 (21) 2023261450 (22) 25.04.2023 (54) NUCLEOSIDE DRUG FOR TREATING OR PREVENTING CORONAVIRUS INFECTION, AND USE THEREOF (51) Int. Cl. C07F 9/6561 (2006.01) A61K 31/675 (2006.01) A61P 31/14 (2006.01) A61P 31/16 (2006.01) (87) WO2023/207942 (31) 202210465512.X (32) 25.04.22 (33) CN 202211217036.6 30.09.22 CN 202211358613.3 01.11.22 CN 63/363,499 25.04.22 US	(71) MUSHROOM MATERIAL PRIVATE LIMITED (11) AU-A-2023278726 (21) 2023278726 (22) 31.05.2023 (54) FEEDSTOCKS COMPRISING HYPHAE, PRODUCTS PRODUCED THEREFROM, AND METHODS OF FORMING PRODUCTS THEREFROM (51) Int. Cl. C08K 11/00 (2006.01) B29B 15/10 (2006.01) B29C 39/00 (2006.01) B29C 43/00 (2006.01) B29C 70/04 (2006.01) B29C 70/06 (2006.01) B29K 67/00 (2006.01) B29K 81/00 (2006.01) B29K 311/00 (2006.01) B29L 31/00 (2006.01) (87) WO2023/234786 (31) 788942 (32) 01.06.22 (33) NZ (43) 07.12.2023 (72) GUINIBERT, Paul Malcolm; SEAMAN, Shaun Edward William; SINGH, Jotinder Pal (74) ET Intellectual Property	(71) NEUMORA THERAPEUTICS, INC. (11) AU-A-2023269095 (21) 2023269095 (22) 12.05.2023 (54) MODULATORS OF NLRP3 INFLAMMASOME AND RELATED PRODUCTS AND METHODS (51) Int. Cl.

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A61K 31/506 (2006.01)
A61P 25/28 (2006.01)
C07D 401/12 (2006.01)
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(31) 63/341,975 **(32)** 13.05.22 **(33)** US
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(72) BEAUSOLEIL, Anne-Marie; HUDSON, Ryan
(74) Davies Collison Cave Pty Ltd
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- (71)** NEW YORK UNIVERSITY
(11) AU-A-2023262588
(21) 2023262588 **(22)** 27.04.2023
(54) ENHANCEMENT OF SAFETY AND PRECISION FOR CRISPR-CAS INDUCED GENE EDITING BY VARIANTS OF DNA POLYMERASE USING CAS-PLUS VARIANTS
(51) Int. Cl.
C12N 15/10 (2006.01)
C07K 14/195 (2006.01)
C12N 9/12 (2006.01)
C12N 15/11 (2006.01)
(87) WO2023/212657
(31) 63/335,625 **(32)** 27.04.22 **(33)** US
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(72) LONG, Chengzu; YANG, Qiaoyan
(74) Griffith Hack
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- (71)** NIAITIC, INC.
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(21) 2023227456 **(22)** 03.03.2023
(54) MAPPING TRAVERSABLE SPACE IN A SCENE USING A THREE-DIMENSIONAL MESH
(51) Int. Cl.
A63F 13/655 (2014.01)
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(72) HEGEDUS, Adam; FIRMAN, Michael David; MONSZPART, Aron; BROSTOW, Gabriel J.
(74) FB Rice Pty Ltd
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- (71)** NIPPON PAPER INDUSTRIES CO., LTD.
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(21) 2023243244 **(22)** 30.03.2023
(54) PAPER CONTAINER
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B65D 5/74 (2006.01)
B65D 5/06 (2006.01)
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(72) MI, Haoran; OKUBO, Katsuyuki; ISHII, Masayasu; MIURA, Ryo
(74) FPA Patent Attorneys Pty Ltd
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- (71)** NIPPON SHINYAKU CO., LTD.
(11) AU-A-2023261084
(21) 2023261084 **(22)** 24.04.2023
(54) COMPOUND SERVING AS DDR1 KINASE INHIBITOR, AND MEDICINE
(51) Int. Cl.
C07D 239/26 (2006.01)
A61K 31/415 (2006.01)
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A61K 31/437 (2006.01)
A61K 31/44 (2006.01)
A61K 31/4965 (2006.01)
A61K 31/505 (2006.01)
A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
A61P 19/02 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 43/00 (2006.01)
C07D 213/61 (2006.01)
C07D 213/65 (2006.01)
C07D 213/82 (2006.01)
C07D 231/12 (2006.01)
C07D 239/42 (2006.01)
C07D 239/47 (2006.01)
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(43) 02.11.2023
(72) ZAIMOKU, Hisaaki; ASADA, Junshi; HASHIMOTO, Kosuke; HONDA, Yohei; TSUZUKI, Yota; KOSUGI, Keiji
(74) Spruson & Ferguson
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- (71)** NISSHIN FLOUR MILLING INC.
(11) AU-A-2023279305
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(54) RECOVERY DEVICE AND RECOVERY METHOD FOR VIBRATION SIEVE
(51) Int. Cl.
B07B 1/46 (2006.01)
B07B 1/28 (2006.01)
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(72) SHIRAI Takashi
(74) Spruson & Ferguson
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- (71)** NITE IZE, INC.
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(54) ANGLED GATE CARABINER
(51) Int. Cl.
A44B 15/00 (2006.01)
F16B 45/02 (2006.01)
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(31) 63/350,162 **(32)** 08.06.22 **(33)** US
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(72) ADELMAN, Gregory M.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** NOETIC TECHNOLOGIES INC.
(11) AU-A-2023263583
(21) 2023263583 **(22)** 29.04.2023
(54) LATCH RELEASE MECHANISM
(51) Int. Cl.
E21B 19/16 (2006.01)
E21B 3/02 (2006.01)
F16D 1/10 (2006.01)
(87) WO2023/212800
(31) 17/735,027 **(32)** 02.05.22 **(33)** US
(43) 09.11.2023
(72) SLACK, Maurice William
(74) Spruson & Ferguson
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- (71)** NOETIX PHARMA LLC
(11) AU-A-2023261756
(21) 2023261756 **(22)** 12.04.2023
(54) PREVENTION AND TREATMENT OF POST-OPERATIVE COGNITIVE DYSFUNCTION (POCD)
(51) Int. Cl.
A61K 31/4412 (2006.01)
A61P 25/28 (2006.01)
(87) WO2023/211684
(31) 63/336,455 **(32)** 29.04.22 **(33)** US
(43) 02.11.2023
(72) NEWMAN, Arnold, L.
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71)** NORDEX ENERGY SE & CO. KG
(11) AU-A-2023279117
(21) 2023279117 **(22)** 25.05.2023
(54) METHOD FOR LUBRICATING A BEARING, LUBRICANT SUPPLY SYSTEM AND WIND TURBINE
(51) Int. Cl.
F16C 19/22 (2006.01)
F16C 33/66 (2006.01)
(87) WO2023/232620
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(72) ROGG, Andreas
(74) Spruson & Ferguson
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- (71)** NORTON HEALTHCARE LIMITED
(11) AU-A-2023258229
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(54) VIAL ADAPTER AND VIAL ADAPTER SYSTEM AND METHOD
(51) Int. Cl.
A61J 1/20 (2006.01)
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(72) SHEPHERD, Rebecca; JURILJ, Ivan; BYRNE, Oliver; BINGULA, Silvestar
(74) Spruson & Ferguson
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- (71)** NOVATEK THERAPEUTICS, LLC
(11) AU-A-2023262208
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(54) BLACK SEED OIL FORMULATIONS
(51) Int. Cl.
A61K 36/71 (2006.01)
A61K 9/28 (2006.01)
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 KASEB, Ahmed, Omar; PONDELL,
 Steve
(74) FOUNDRY INTELLECTUAL PROP-
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(71) NOVOZYMES A/S; NOVONESIS
 PLANT BIOSOLUTIONS A/S
(11) AU-A-2023272468
(21) 2023272468 **(22)** 12.05.2023
(54) COMPOSITIONS AND METHODS
 FOR PREVENTING, TREATING, SU-
 PRESSING AND/OR ELIMINATING
 PHYTOPATHOGENIC INFESTATIONS
 AND INFECTIONS
(51) Int. Cl.
A01N 25/24 (2006.01)
A01N 25/00 (2006.01)
A01N 25/30 (2006.01)
A01N 63/50 (2020.01)
C12N 15/82 (2006.01)
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 Svend Gunnar; NUNES, Ines Marques;
 MALONEY, Gregory Stephen; RU-
 ARK-SEWARD, Casey; QUINLAN,
 Jason; STRINGER, Mary Ann; INCH,
 Sharon; RUSSELL, Calum; LIBERMAN,
 Louisa; PETITTE, Jennifer; BENNE-
 SEN, Birgitte Gjerde; GINN, Adam; MC-
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 ghan
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(71) Nuovo Pignone Tecnologie - S.r.l.
(11) AU-A-2023260511
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(54) LOW CARBON EMISSION COMPRES-
 SION STATION WITH DUAL USE CAP-
 ABILITY
(51) Int. Cl.
F04D 25/06 (2006.01)
F01D 15/10 (2006.01)
F02C 6/06 (2006.01)
F04D 25/16 (2006.01)
F04D 27/02 (2006.01)
F17D 1/07 (2006.01)
F17D 3/01 (2006.01)
(87) WO2023/208419
(31) 102022000008660 **(32)** 29.04.22 **(33)** IT
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(72) INTIERI, Andrea; BALDINI, Marco;
 SANTINI, Marco
(74) Patent Attorney Services

(71) NUOVO PIGNONE TECNOLOGIE -
 S.R.L.
(11) AU-A-2023261892
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(54) LOW EMISSION COMPRESSION STA-
 TION WITHOUT DEDICATED POWER
 GENERATION ISLAND
(51) Int. Cl.
F04D 25/06 (2006.01)
F01D 15/10 (2006.01)
F02C 6/06 (2006.01)
F04D 25/16 (2006.01)
F04D 27/02 (2006.01)
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(72) SANTINI, Marco; BALDINI, Marco; IN-
 TIERI, Andrea
(74) Patent Attorney Services

(71) OCADO INNOVATION LIMITED
(11) AU-A-2023255156
(21) 2023255156 **(22)** 20.04.2023
(54) LOAD HANDLING DEVICE WITH AS-
 SIGNED CODE
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B65G 1/04 (2006.01)
(87) WO2023/203165
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(74) James & Wells Intellectual Property

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(54) WINCH ASSEMBLY OF A LOAD
 HANDLING DEVICE
(51) Int. Cl.
B66D 1/20 (2006.01)
B65G 1/04 (2006.01)
B66C 13/23 (2006.01)
B66F 9/06 (2006.01)
F16H 7/02 (2006.01)
F16H 7/08 (2006.01)
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(31) 2206345.7 **(32)** 29.04.22 **(33)** GB
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(72) MCMULLEN, Joanna Elizabeth
(74) James & Wells Intellectual Property

(71) OKTA, INC.
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(21) 2023262024 **(22)** 28.04.2023
(54) FINE-GRAINED AUTHORIZATION
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 WITHIN A MULTI-TENANT SYSTEM
(51) Int. Cl.
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(74) FB Rice Pty Ltd

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(21) 2023271967 **(22)** 19.05.2023
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(51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/352 (2006.01)
A61K 31/407 (2006.01)
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 TEL, Mitulkumar; ALBERT, Ekaterina;
 WANG, Liping; YANG, Lina; HUANG,
 Shuyan
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(54) COMPOSITIONS AND METHODS
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(51) Int. Cl.
C12N 15/10 (2006.01)
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(72) MAYES, Simon Charles
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(54) REELABLE SUPPORT MEMBER
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D07B 1/02 (2006.01)
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(72) HUIZER, Jan Arie Aldo
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(21) 2023273337 **(22)** 12.05.2023
(54) INJECTION DEVICE WITH A NEEDLE
 DETECTION FEATURE
(51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/24 (2006.01)
A61M 5/32 (2006.01)
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A61M 19/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

(71) PHARMABIO CORPORATION
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(51) Int. Cl.
C12N 5/071 (2010.01)
A61L 27/38 (2006.01)
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(21) 2023282952 (22) 08.06.2023
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G12B 17/00 (2006.01)
G06N 10/70 (2022.01)
H04B 10/70 (2013.01)
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A47J 31/20 (2006.01)
A47G 19/16 (2006.01)
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C07D 401/04 (2006.01)
A01N 43/56 (2006.01)
A01N 43/90 (2006.01)
A01P 7/04 (2006.01)
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(54) FUNGAL MATERIALS
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C08H 99/00 (2010.01)
C08J 5/18 (2006.01)
C08L 5/12 (2006.01)
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(72) WELLHAM, Peter A. D.; JELECEVIC, Mihael
(74) FPA Patent Attorneys Pty Ltd

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(21) 2023267898 (22) 05.05.2023
(54) COMPOSITION FOR PREVENTING AND/OR TREATING A PATHOLOGICAL DYSBIOSIS OF THE INTESTINAL MICROBIOTA
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A61K 31/185 (2006.01)
A23L 33/12 (2016.01)
A61K 31/19 (2006.01)
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(21) 2023265069 (22) 04.05.2023
(54) WATER ACTIVATED HYDRO-GEL-BASED MEDICAL PATCHES, FLEXIBLE SUBSTRATES AND METHODS OF MAKING AND USING SUCH PATCHES
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A61L 26/00 (2006.01)
A61L 15/20 (2006.01)
A61L 31/14 (2006.01)
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(54) TREATMENT OF NEUROLOGICAL DISORDERS
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A61K 31/4184 (2006.01)
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(72) KAHLIG, Michael Kristopher Mathieu; NOVAK, Jonathan; WITTMANN, Marion
(74) RnB IP

(71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE
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(54) COMPOSITIONS AND METHODS FOR ENHANCING IMMUNE TOLERANCE
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C12N 5/071 (2010.01)
A61K 38/17 (2006.01)
C12N 5/074 (2010.01)
C12N 5/0775 (2010.01)
C12N 15/63 (2006.01)
C12N 15/85 (2006.01)
A61K 48/00 (2006.01)
C07K 14/47 (2006.01)
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F16L 55/128 (2006.01)
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C07D 211/04 (2006.01)
B01J 23/42 (2006.01)
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C07D 211/68 (2006.01)
C07D 211/70 (2006.01)
C07D 213/06 (2006.01)
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C08K 5/49 (2006.01)
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H01S 3/13 (2006.01)
G02B 27/10 (2006.01)
G02F 1/21 (2006.01)
H04B 10/516 (2013.01)
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G01B 9/02 (2022.01)
B82Y 20/00 (2011.01)
G06N 10/00 (2022.01)
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H04B 10/70 (2013.01)
G02F 1/225 (2006.01)
G06N 10/20 (2022.01)
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B01D 15/08 (2006.01)
B01D 15/26 (2006.01)
C01D 15/00 (2006.01)
C22B 3/24 (2006.01)
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G01N 30/02 (2006.01)
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C12N 15/113 (2010.01)
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A61P 25/00 (2006.01)
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G06N 10/40 (2022.01)
H10N 60/12 (2023.01)
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D06F 39/08 (2006.01)
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(72) ZHAO, Zhiqiang; XU, Sheng
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D06F 39/02 (2006.01)
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H01L 29/66 (2006.01)
G06N 10/40 (2022.01)
H01L 27/06 (2006.01)
H01L 29/423 (2006.01)
B82Y 10/00 (2011.01)
H01L 29/06 (2006.01)
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(71) RANPAK CORP. (11) AU-A-2023265789 (21) 2023265789 (22) 27.04.2023 (54) PRODUCT PACKAGING MACHINE AND METHOD (51) Int. Cl. B65B 5/02 (2006.01) B65B 9/02 (2006.01) B65B 11/50 (2006.01)	(87) WO2023/229702 (31) 17/824,475 (32) 25.05.22 (33) US (43) 30.11.2023 (72) SILVER, Stephen Craig (74) RnB IP Pty Ltd	(87) WO2023/220131 (31) 63/364,459 (32) 10.05.22 (33) US (43) 16.11.2023 (72) PAN, Yue; BOEZIO, Alessandro; FRIDRICH, Cary Griffin; KRUEGER, Elaine B.; MOUSTAKAS, Demetri T.; RAYNOR, Kevin David; SHORTSLEEVES, Kelley C.; MCLEAN, Thomas H.; DENINNO, Michael Paul; THOMSON, Christopher; LARIVÉE, Alexandre; BURNIE, Andrew J.; ATIENZA, Bren-Jordan; PERREAULT, Christian; MAERTENS, Gaetan; MOHAMED, Tarek; LEPITRE, Thomas; BAUM, Erich W.; GUNAYDIN, Hakan (74) Spruson & Ferguson
(71) REGENERON PHARMACEUTICALS, INC. (11) AU-A-2023289659 (21) 2023289659 (22) 22.06.2023 (54) METHODS OF IDENTIFYING AND EVALUATING CAT ALLERGY GENE SIGNATURES IN A SUBJECT BY DETERMINING A STRATIFIED SCORE BASED ON GENE EXPRESSION (51) Int. Cl. C12Q 1/6883 (2018.01)	(87) WO2023/229702 (31) 17/824,475 (32) 25.05.22 (33) US (43) 30.11.2023 (72) SILVER, Stephen Craig (74) RnB IP Pty Ltd	(87) WO2023/220131 (31) 63/364,459 (32) 10.05.22 (33) US (43) 16.11.2023 (72) PAN, Yue; BOEZIO, Alessandro; FRIDRICH, Cary Griffin; KRUEGER, Elaine B.; MOUSTAKAS, Demetri T.; RAYNOR, Kevin David; SHORTSLEEVES, Kelley C.; MCLEAN, Thomas H.; DENINNO, Michael Paul; THOMSON, Christopher; LARIVÉE, Alexandre; BURNIE, Andrew J.; ATIENZA, Bren-Jordan; PERREAULT, Christian; MAERTENS, Gaetan; MOHAMED, Tarek; LEPITRE, Thomas; BAUM, Erich W.; GUNAYDIN, Hakan (74) Spruson & Ferguson
(71) RELIANCE WORLDWIDE CORPORATION (11) AU-A-2023252861 (21) 2023252861 (22) 13.04.2023 (54) PLUMBING FITTING (51) Int. Cl. F16L 37/04 (2006.01) F16K 5/06 (2006.01) F16L 37/084 (2006.01) F16L 41/02 (2006.01) F16L 41/03 (2006.01) F16L 41/08 (2006.01) (87) WO2023/200997 (31) 63/331,095 (32) 14.04.22 (33) US 63/331,134 14.04.22 US (43) 19.10.2023 (72) RAVISANKAR, Sai Kishore; KLUSS, William Vernon; PIPPEN, Eliana; KELLY, Samantha (74) Allens Patent & Trade Mark Attorneys	(87) WO2023/229702 (31) 17/824,475 (32) 25.05.22 (33) US (43) 30.11.2023 (72) SILVER, Stephen Craig (74) RnB IP Pty Ltd	(87) WO2023/220131 (31) 63/364,459 (32) 10.05.22 (33) US (43) 16.11.2023 (72) PAN, Yue; BOEZIO, Alessandro; FRIDRICH, Cary Griffin; KRUEGER, Elaine B.; MOUSTAKAS, Demetri T.; RAYNOR, Kevin David; SHORTSLEEVES, Kelley C.; MCLEAN, Thomas H.; DENINNO, Michael Paul; THOMSON, Christopher; LARIVÉE, Alexandre; BURNIE, Andrew J.; ATIENZA, Bren-Jordan; PERREAULT, Christian; MAERTENS, Gaetan; MOHAMED, Tarek; LEPITRE, Thomas; BAUM, Erich W.; GUNAYDIN, Hakan (74) Spruson & Ferguson
(71) RELIANCE WORLDWIDE CORPORATION (11) AU-A-2023254782 (21) 2023254782 (22) 13.04.2023 (54) PLUMBING FITTING (51) Int. Cl. F16L 37/04 (2006.01) F16L 37/084 (2006.01) F16L 41/02 (2006.01) F16L 41/03 (2006.01) F16L 41/08 (2006.01)	(87) WO2023/229702 (31) 17/824,475 (32) 25.05.22 (33) US (43) 30.11.2023 (72) SILVER, Stephen Craig (74) RnB IP Pty Ltd	(87) WO2023/220131 (31) 63/364,459 (32) 10.05.22 (33) US (43) 16.11.2023 (72) PAN, Yue; BOEZIO, Alessandro; FRIDRICH, Cary Griffin; KRUEGER, Elaine B.; MOUSTAKAS, Demetri T.; RAYNOR, Kevin David; SHORTSLEEVES, Kelley C.; MCLEAN, Thomas H.; DENINNO, Michael Paul; THOMSON, Christopher; LARIVÉE, Alexandre; BURNIE, Andrew J.; ATIENZA, Bren-Jordan; PERREAULT, Christian; MAERTENS, Gaetan; MOHAMED, Tarek; LEPITRE, Thomas; BAUM, Erich W.; GUNAYDIN, Hakan (74) Spruson & Ferguson

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(72) VENTURI, Marco; RAVISANKAR, Sai
Kishore; KLUSS, William, Vernon; PIP-
PEN, Eliana; KELLY, Samantha
(74) Allens Patent & Trade Mark Attorneys

(71) RESMED PTY LTD
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(21) 2023282123 (22) 01.06.2023
(54) PATIENT INTERFACE
(51) Int. Cl.
A61M 16/06 (2006.01)
A61M 16/08 (2006.01)
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(72) SCHEINER, Rupert Christian
(74) James & Wells Intellectual Property

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(54) JOINING A TYRE BASE LAYER
(51) Int. Cl.
B29D 30/06 (2006.01)
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(87) WO2023/218076
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20220566 12.05.22 NO
(43) 16.11.2023
(72) AMUNDSEN, Paul Magne; ANDENES,
Sigmund; HOFSET, Tarjei Aure; MAR-
VIK, Olaf Brage; KAISER, Sven-Erik
Markhaus
(74) PHILLIPS ORMONDE FITZPATRICK

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(54) MANUFACTURING CONTINUOUS
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B29D 30/18 (2006.01)
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(72) AMUNDSEN, Paul Magne; ANDENES,
Sigmund; HOFSET, Tarjei Aure; MAR-
VIK, Olaf Brage; KAISER, Sven-Erik
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B01D 1/06 (2006.01)
B01D 61/02 (2006.01)
C02F 1/04 (2023.01)
C02F 1/44 (2023.01)
C02F 11/08 (2006.01)
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E.; ROSANSKY, Stephen, H.; OLSON,
Richard, J.; STOWE, Julia; MILLER, Mi-
chael
(74) Michael Buck IP

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A61K 8/18 (2006.01)
A61K 8/25 (2006.01)
A61Q 1/04 (2006.01)
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(72) SHAH, Sweetie; BONAVITACOLA,
Susie Alves; LORDI, Kalliope S.
(74) PHILLIPS ORMONDE FITZPATRICK

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(54) MICROSCOPIC BUBBLE GENERA-
TION DEVICE, WATER HEATER, AND
DISHWASHER
(51) Int. Cl.
B01F 25/45 (2022.01)
A47L 15/42 (2006.01)
B01F 23/2375 (2022.01)
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(72) AOKI Shoji; MATSUEDA Kazuki; FUR-
UKAWA Shinya; AMAMIYA Ikko
(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
C02F 1/461 (2023.01)
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(72) SADE, Roy; BAKALIAR, Shani
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ELECTRONIC DEVICE COMPRISING
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(51) Int. Cl.
H04B 1/401 (2015.01)
H04B 1/00 (2006.01)
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H04B 1/40 (2015.01)
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(72) MOON, Yohan; NA, Hyoseok; YANG,
Dongil; YOO, Jonghun
(74) Griffith Hack

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(21) 2023276855 (22) 23.05.2023
(54) HORIZONTAL SHAFT IMPACT
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(51) Int. Cl.
B02C 13/02 (2006.01)
B02C 13/09 (2006.01)
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(72) MCDEVITT, Terry; SMYTH, Stuart
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Juha
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(51) Int. Cl.
G01N 1/08 (2006.01)

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G01N 27/72 (2006.01)
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(72) UUSITALO, Jukka-Pekka
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(51) Int. Cl.
B22F 7/06 (2006.01)
C22C 1/05 (2023.01)
C22C 1/051 (2023.01)
C22C 29/06 (2006.01)
C22C 29/08 (2006.01)
B22F 5/00 (2006.01)
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(72) ÖSTHOLS, Erik
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E21B 17/03 (2006.01)
C23C 18/16 (2006.01)
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C12Q 1/686 (2018.01)
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(74) Griffith Hack

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(51) Int. Cl.
G06Q 30/0202 (2023.01)
G06Q 30/0207 (2023.01)
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(72) OGUCHI, Kentaro
(74) FB Rice Pty Ltd

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H02J 50/00 (2016.01)
H02J 50/90 (2016.01)
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(74) Spruson & Ferguson

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(54) MULTI-FUNCTIONAL CHILD'S TRAVEL DEVICE
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A63C 17/28 (2006.01)
A63C 17/02 (2006.01)
A63C 17/26 (2006.01)
B62B 13/00 (2006.01)
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C12N 15/90 (2006.01)
A61K 35/17 (2015.01)
C07K 16/46 (2006.01)
C12N 9/22 (2006.01)
C12N 15/85 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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E04B 1/58 (2006.01)
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(72) FUKUMOTO Daiki; HIJIKATA Kazumi; YANAGISAWA Keisuke; IMAMURA Takaaki
(74) DAVIS IP PTY LTD

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(51) Int. Cl.
G01F 1/66 (2022.01)
G01F 15/00 (2006.01)
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(72) DAWSON, Christopher; DAVEY, Benjamin; HAWKESFORD, James; PATERSON, Charlie; DUNAWAY, Paul; HEALY, David; BOXALL, Matthew
(74) FB Rice Pty Ltd

(71) SETHI, S.
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(54) IMPROVED HERBICIDAL COMPOSITION EXHIBITING CROP SAFETY & SELECTIVITY AND YIELD ENHANCEMENT
(51) Int. Cl.
C07D 403/14 (2006.01)
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(72) SETHI, Sahila
(74) Pangaea IP Consultants

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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
C07K 16/18 (2006.01)
C07K 16/30 (2006.01)
C12N 15/13 (2006.01)
G01N 33/574 (2006.01)
G01N 33/577 (2006.01)
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(72) SONG, Deyong; HAN, Jing; LIU, Hong; SHEN, Nan; JIAO, Jie; WANG, Qiaoping; FENG, Jianxia; LI, Min; ZONG, Mengqi; LI, Ying; DOU, Changlin			(74) Griffith Hack	(21) 2023245705 (22) 29.03.2023	
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(71) SHANDONG UXG BEARING MANUFACTURING CO., LTD.			(71) SHANTOU SAMMA PLASTIC INDUSTRY CO., LTD.	(51) Int. Cl.	
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B24B 35/00 (2006.01)			B65D 5/00 (2006.01)	G02B 27/34 (2006.01)	
B24B 41/00 (2006.01)			B31B 50/22 (2017.01)	G02B 27/36 (2006.01)	
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(11) AU-A-2023239961			(74) A.P.T. Patent and Trade Mark Attorneys		
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(54) COCHLEAR AND/OR VESTIBULAR CELL-SPECIFIC PROMOTER AND USE THEREOF				(11) AU-A-2023266955	
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A61K 48/00 (2006.01)				F04D 25/08 (2006.01)	
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B64F 1/36 (2017.01)
G01B 11/02 (2006.01)
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G06K 17/00 (2006.01)
B64F 1/36 (2017.01)
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H02S 40/38 (2014.01)
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C12Q 1/34 (2006.01)
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A61B 5/11 (2006.01)
A61B 5/107 (2006.01)
A61B 90/10 (2016.01)
G06T 7/73 (2017.01)
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B65D 5/20 (2006.01)
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A61K 31/496 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
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A23F 5/24 (2006.01)
A23L 3/365 (2006.01)
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A23L 33/105 (2016.01)
A23K 20/121 (2016.01)
A23K 20/158 (2016.01)
A23L 33/115 (2016.01)
A61K 31/202 (2006.01)
A61K 31/232 (2006.01)
A61K 31/36 (2006.01)
A61P 9/00 (2006.01)
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C07D 213/82 (2006.01)
A01N 43/40 (2006.01)
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H02J 7/04 (2006.01)
H01M 10/0525 (2010.01)
H01M 10/48 (2006.01)
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G06Q 30/06 (2023.01)
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A01G 20/47 (2018.01)
F04D 25/06 (2006.01)
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D01F 4/00 (2006.01)
A61L 27/22 (2006.01)
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D02G 3/04 (2006.01)
D04B 1/14 (2006.01)
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A61K 31/164 (2006.01)
A61K 31/165 (2006.01)
C07C 233/09 (2006.01)
C07C 233/18 (2006.01)
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C12N 15/63 (2006.01)
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A61K 48/00 (2006.01)
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C07K 16/18 (2006.01)
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A61K 35/12 (2015.01)
C12N 15/00 (2006.01)
A61K 48/00 (2006.01)
A61P 37/06 (2006.01)
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C12N 15/11 (2006.01)
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A46B 17/02 (2006.01)
A46B 15/00 (2006.01)
A61C 17/22 (2006.01)
B26B 21/14 (2006.01)
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A61C 17/22 (2006.01)
B26B 19/38 (2006.01)
B26B 21/14 (2006.01)
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A46B 17/02 (2006.01)
B26B 19/38 (2006.01)
B26B 21/40 (2006.01)
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A46B 15/00 (2006.01)
A61C 17/22 (2006.01)
B26B 19/38 (2006.01)
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A46B 17/02 (2006.01)
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A61C 17/22 (2006.01)
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C07K 14/47 (2006.01)
C12N 5/0735 (2010.01)
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C25B 1/04 (2021.01)
H01M 4/86 (2006.01)
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C07D 333/50 (2006.01)
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C07D 417/04 (2006.01)
A61K 31/381 (2006.01)
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A61K 38/42 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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G01N 33/574 (2006.01)
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G01N 21/88 (2006.01)
B07C 5/342 (2006.01)

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H01L 31/18 (2006.01)
H01L 31/0288 (2006.01)
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C01B 17/74 (2006.01)
B01D 53/86 (2006.01)
C01B 17/80 (2006.01)
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C07K 5/078 (2006.01)
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C12N 5/00 (2006.01)
C12N 5/071 (2010.01)
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C12N 5/00 (2006.01)
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A61K 31/4725 (2006.01)
A61K 47/50 (2017.01)
A61P 35/00 (2006.01)
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H04N 21/254 (2011.01)
G06Q 50/10 (2012.01)

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B24B 57/02 (2006.01)
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A43B 5/00 (2022.01)
A43B 13/16 (2006.01)
A43B 1/14 (2006.01)

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A61B 5/00 (2006.01)
G06T 7/10 (2017.01)
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A61K 31/404 (2006.01)
A61P 9/00 (2006.01)
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C07D 401/14 (2006.01)
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E02F 3/24 (2006.01)
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E02F 3/16 (2006.01)
E02F 3/26 (2006.01)
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E02F 9/20 (2006.01)
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G06V 10/10 (2022.01)
A23L 5/00 (2016.01)
G06T 5/00 (2006.01)
G06T 7/60 (2017.01)
G06T 7/90 (2017.01)
G06V 10/40 (2022.01)
G06V 10/48 (2022.01)
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C07K 16/10 (2006.01)
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A61K 31/519 (2006.01)
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A61K 31/4985 (2006.01)
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G07F 11/24 (2006.01)
G01V 8/00 (2006.01)
G07F 11/44 (2006.01)
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B01J 21/06 (2006.01)
B01D 53/86 (2006.01)
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C12N 15/117 (2010.01)
A61K 31/70 (2006.01)
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F16K 11/07 (2006.01)
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VERSIBLE STEAM TRAY ASSEM-
BLIES
(51) Int. Cl.
A47J 37/06 (2006.01)
A47J 27/04 (2006.01)
A47J 37/07 (2006.01)
(87) WO2023/220488
(31) 63/340,321 (32) 10.05.22 (33) US
18/170,449 16.02.23 US
(43) 16.11.2023
(72) SCHMESKI, Kevin James; YAKES,
Sean Alan; SCHMITZ, Derek Edward;
POLACZEK, JR., Karol; HUNT, Paul
Richard
(74) WRAYS PTY LTD
-
- (71) WEBER-STEPHEN PRODUCTS LLC
(11) AU-A-2023282765
(21) 2023282765 (22) 28.02.2023
(54) PORTABLE GRILLS INCLUDING
A BASE HAVING SUPPORTS FOR
STORING REMOVABLE SIDE TABLES
(51) Int. Cl.
A47J 37/07 (2006.01)
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(31) 63/351,225 (32) 10.06.22 (33) US
18/175,353 27.02.23 US
(43) 14.12.2023
(72) HILLSTROM, Henry Michael;
SCHMITZ, Derek Edward; POLACZEK,
Karol; YAKES, Sean Alan; HUNT, Paul
Richard
(74) WRAYS PTY LTD
-
- (71) WEIR PUMP AND VALVE SOLU-
TIONS, INC
(11) AU-A-2023305897
(21) 2023305897 (22) 30.06.2023
(54) JACKETED PIPE PUMP
(51) Int. Cl.
F04D 29/42 (2006.01)
F04D 29/58 (2006.01)
F04D 29/62 (2006.01)
F16L 39/00 (2006.01)
F16L 53/32 (2018.01)
(87) WO2024/013607
(31) 63/389,397 (32) 15.07.22 (33) US
2211133.0 29.07.22 GB
(43) 18.01.2024
(72) SCHERBIK, Jay Edward; BRIDGE-
MAN, Tracy; PONRAJ, Biji
(74) WEIR MINERALS AUSTRALIA LTD
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- (71) WOSLER CORP.
(11) AU-A-2023257188
(21) 2023257188 (22) 18.04.2023
(54) SYSTEM, METHOD AND DEVICE
FOR REMOTE ULTRASONOGRAPHY
(51) Int. Cl.
A61B 8/00 (2006.01)
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(31) 63/332,498 (32) 19.04.22 (33) US
(43) 26.10.2023
(72) GALLONE, Marco Brandon Steven;
GROVES, Leah Anne; DA SILVA, Mat-
thew Peter Cary; SOOD, Ankur Jai;
ZHOU, Yue; DE REGT, Jasper Johan-
nus Willem; MADUBUOBI, Henry Ifea-
nyi
(74) WRAYS PTY LTD
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- (71) WUXI BIOLOGICS IRELAND LIMITED
(11) AU-A-2023239488
(21) 2023239488 (22) 16.03.2023
(54) ANTI-HER2/ANTI-CD47 MOLECULES
AND USES THEREOF
(51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
(87) WO2023/179443
(31) PCT/
CN2022/082951 (32) 25.03.22 (33) CN
(43) 28.09.2023
(72) NIE, Siwei; SHAO, Jiaxiang; MEI, Qin;
HU, Fagen; XU, Jianqing; WANG,
Shuang; GU, Jijie; SHEN, Yuhong;
CHEN, Zhijian; JIN, John Fenyu; RUI,
Haopeng
(74) WRAYS PTY LTD
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- (71) XINGMAI INNOVATION TECHNO-
LOGY (SUZHOU) CO., LTD.
(11) AU-A-2023206211
(21) 2023206211 (22) 27.04.2023
(54) MOVING DEVICES USED IN LIQUID
AND POOL CLEANING ROBOTS
(51) Int. Cl.
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- E04H 4/16 (2006.01)
(43) 14.11.2024
(72) ZHANG, Shilei
(74) Madderns Pty Ltd
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- (71) XINGMAI INNOVATION TECHNO-
LOGY (SUZHOU) CO., LTD.
(11) AU-A-2023206213
(21) 2023206213 (22) 27.04.2023
(54) DEVICES FOR IN-WATER AUTOMAT-
IC SPREADING
(51) Int. Cl.
E04H 4/16 (2006.01)
(43) 14.11.2024
(72) ZHANG, Shilei
(74) Madderns Pty Ltd
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- (71) YALE UNIVERSITY
(11) AU-A-2023269182
(21) 2023269182 (22) 09.05.2023
(54) IMMUNOTHERAPY OF SKIN CANCER
USING MPLA-LOADED HPG NANO-
PARTICLES
(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 31/7024 (2006.01)
A61P 17/00 (2006.01)
A61P 35/00 (2006.01)
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(31) 63/339,811 (32) 09.05.22 (33) US
(43) 16.11.2023
(72) SHIN, Kwangsoo; CHANG, Jungsoo;
SALTZMAN, W. Mark; GIRARDI, Mi-
chael
(74) RnB IP
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- (71) ZEAL INNOVATION LTD
(11) AU-A-2023244584
(21) 2023244584 (22) 31.03.2023
(54) LOCKING MECHANISM WITH ANTI-
ROTATION
(51) Int. Cl.
E05B 67/06 (2006.01)
(87) WO2023/187416
(31) 2204829.2 (32) 01.04.22 (33) GB
(43) 05.10.2023
(72) BARRON, Neil Anthony
(74) FB Rice Pty Ltd
-
- (71) ZHEJIANG HUAYOU COBALT CO.,
LTD.
(11) AU-A-2023433479
(21) 2023433479 (22) 31.08.2023
(54) METHOD FOR RECOVERING MAN-
GANESE FROM RESIDUAL LIQUID
OF LATERITE NICKEL ORE HYDRO-
METALLURGY
(51) Int. Cl.
C22B 47/00 (2006.01)
C22B 3/22 (2006.01)
C22B 3/42 (2006.01)
(31) 202310467247.3 (32) 25.04.23 (33) CN
(43) 14.11.2024
(72) FENG, Zhimin; LI, Shaolong; REN, Jial-
in; CHEN, Yongjian
(74) Griffith Hack
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PCT applications which have entered the National Phase - Name Index cont'd

(71) ZHEJIANG HUAYOU COBALT CO.,
LTD.
(11) AU-A-2023433483
(21) 2023433483 (22) 30.08.2023
(54) METHOD AND APPARATUS FOR
PROCESSING LEACHING RESIDUE
OF LATERITE NICKEL ORE
(51) Int. Cl.
C22B 5/10 (2006.01)
C21B 3/02 (2006.01)
C22B 1/00 (2006.01)
C22B 1/24 (2006.01)
(31) 202310493474.3 (32) 28.04.23 (33) CN
(43) 14.11.2024
(72) LI, Dechen; LI, Shaolong; LI, Jianhui;
TANG, Xulong; GAO, Baojun
(74) Griffith Hack

(71) ZHEJIANG ZNERGY SOLAR CO.,
LTD.
(11) AU-A-2023355448
(21) 2023355448 (22) 21.06.2023
(54) CONNECTION STRUCTURE FOR
BATTERY AND SOLDER STRIPS,
AND BATTERY ASSEMBLY COM-
PRISING CONNECTION STRUCTURE
(51) Int. Cl.
H01L 31/05 (2014.01)
H01L 31/0224 (2006.01)
(87) WO2024/074055
(31) 202211220767.6 (32) 08.10.22 (33) CN
(43) 11.04.2024
(72) DENG, Shifeng; SHI, Lei
(74) James & Wells Intellectual Property

(71) ZTE CORPORATION
(11) AU-A-2023263615
(21) 2023263615 (22) 27.04.2023
(54) DATA PROCESSING METHOD AND
DEVICE, STORAGE MEDIUM, AND
ELECTRONIC DEVICE
(51) Int. Cl.
H04W 28/06 (2009.01)
(87) WO2023/213225
(31) 202210480830.3 (32) 05.05.22 (33) CN
(43) 09.11.2023
(72) XIN, Yu; YU, Guanghui; HUA, Jian;
BAO, Tong; XU, Jin; HU, Liujun
(74) Davies Collison Cave Pty Ltd

Numerical Index

2022449348	FRS GROUP, LLC	2023243459	FLAGSHIP PIONEERING INNOVATIONS V, INC.
2022449433	HANGZHOU GREAT STAR INDUSTRIAL CO., LTD.	2023243608	VERMEER MANUFACTURING COMPANY
2022449945	LONHEA SA	2023243610	HUMATICS CORPORATION
2022450361	RAKUTEN SYMPHONY, INC.	2023243615	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2022451214	RINNAI CORPORATION	2023243622	THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY
2022451890	NATIONAL TAIWAN UNIVERSITY	2023243881	BIOTHEUS INC.
2022451924	EVONIK OPERATIONS GMBH	2023244234	HEARTKINETICS
2022451937	BOLY MEDIA COMMUNICATIONS (SHENZHEN) CO., LTD.	2023244369	THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY
2022452286	TAISHO SKY BUILDING, INC.	2023244511	LABORATOIRES VIVACY
2022453440	UNIVERSITY OF LEEDS	2023244518	SANOFI PASTEUR
2022454579	ASBETER HOLDING B.V.	2023244584	ZEAL INNOVATION LTD
2022455078	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.	2023244611	DIDENKO, K.
2022455698	INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGY, CHINESE ACADEMY OF SCIENCES	2023245215	D-AUS ENERGY STORAGE TECHNOLOGY (XI'AN) CO., LTD.
2022456930	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGN. OF SOC. ACT (ACT XXI OF 1860)	2023245347	DUALITY BIOLOGICS (SUZHOU) CO., LTD.
2022457156	MEDIATEST RESEARCH GMBH	2023245564	TWIST BIOSCIENCE CORPORATION
2022457212	EVAXION BIOTECH A/S	2023245599	PURDUE RESEARCH FOUNDATION
2022457398	MAXUNITECH INC.	2023245617	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
2022457478	TECHTRONIC CORDLESS GP	2023245705	SHELTERED WINGS, INC. D/B/A VORTEX OPTICS
2022457748	SHOPIFY INC.	2023246279	LOGOMIX, INC.
2022457759	MAXUNITECH INC.	2023246408	QINGDAO HAIER WASHING MACHINE CO., LTD.;
2022458180	CAREFUSION 303, INC.	2023246692	HAIER SMART HOME CO., LTD.
2022458703	KNAUS, S.; KNAUS, D.; BRETON, L.	2023246734	KONINKLIJKE PHILIPS N.V.
2022459256	IOT - INNOVATIVE OBERFLÄCHENTECHNOLOGIEN GMBH	2023247082	CHEP TECHNOLOGY PTY LIMITED
2022460781	KONE CORPORATION	2023247113	TDI GREENWAY TECHNOLOGIES LTD
2022463298	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2023247118	JANSSEN BIOTECH, INC.
2022464765	SUNGROW (SHANGHAI) CO., LTD.	2023247337	ETHICON, INC.
2022473991	DEERE & COMPANY	2023247373	JANSSEN BIOTECH, INC.
2022473993	DEERE & COMPANY	2023247583	CHENGDU D'AO PHARMACEUTICAL GROUP CO., LTD
2022475622	CHINA PHARMACEUTICAL UNIVERSITY	2023247654	BIOTHEUS INC.
2023206211	XINGMAI INNOVATION TECHNOLOGY (SUZHOU) CO., LTD.	2023247721	SHANGHAI SHIJIANG BIOTECHNOLOGY CO., LTD
2023206213	XINGMAI INNOVATION TECHNOLOGY (SUZHOU) CO., LTD.	2023247751	HEARTKINETICS
2023227456	NIANTIC, INC.	2023248375	FREELANCE ROBOTICS PTY LTD
2023229469	SHANDONG UXG BEARING MANUFACTURING CO., LTD.	2023248399	KORPMAN, D.J.
2023239488	WUXI BIOLOGICS IRELAND LIMITED	2023248424	LIVIONEX, INC.
2023239961	SHANGHAI EMAYGENE TECHNOLOGY CO., LTD.	2023248685	ASTRAZENECA AB
2023240382	JULIUS-MAXIMILIANS-UNIVERSITÄT WÜRZBURG	2023248726	SCANSTRUT LIMITED
2023241592	TRANEXAMIC TECHNOLOGIES, LLC	2023248738	JOHNSON & JOHNSON CONSUMER INC.; UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND
2023241595	SPINAL GUIDES LABS, LLC	2023249138	DORN II, G.W.
2023241908	THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY	2023249321	REFORM RX LIMITED
2023242283	EVONIK OPERATIONS GMBH	2023249397	3TI ENERGY HUBS LTD
2023242477	DAIKIN INDUSTRIES, LTD.	2023249431	UNIQUEST PTY LTD
2023242616	EMPLICURE AB (publ)	2023249595	DIMITROV, S.T.
2023242727	IMPROVED ENERGY LTD	2023249787	KSQ THERAPEUTICS, INC.
2023242821	ETHICON, INC.	2023249929	SUNTORY HOLDINGS LIMITED
2023242903	SHELTERED WINGS, INC. D/B/A VORTEX OPTICS	2023250031	ASTRAZENECA AB
2023242908	CORELOGIC SOLUTIONS, LLC	2023250038	AC IMMUNE SA
2023242915	CAST21, INC.	2023250229	PARADIGM TECHNOLOGY SERVICES B.V.
2023242947	SETHI, S.	2023250258	KASHIV BIOSCIENCES, LLC
2023243021	TAE TECHNOLOGIES, INC.	2023250345	ABIONYX PHARMA SA
2023243125	GALDERMA HOLDING SA	2023250382	BLUEPRINT MEDICINES CORPORATION
2023243233	AGENE BIO, INC.; THE JOHNS HOPKINS UNIVERSITY; THE MEDICAL COLLEGE OF WISCONSIN, INC.	2023250649	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2023243244	NIPPON PAPER INDUSTRIES CO., LTD.	2023250662	REVIVE ENVIRONMENTAL TECHNOLOGY, LLC
2023243316	AEXION INC.	2023250762	SHAPERON INC.
2023243425	TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED	2023250992	ADAGENE PTE. LTD.
		2023251108	ENDOLYTIX TECHNOLOGY, INC.
		2023251245	ABIONYX PHARMA SA
		2023251268	BOEHRINGER INGELHEIM VETMEDICA GMBH
		2023251946	TOMRA FOOD (BELGIUM) N.V.
		2023251968	AKERSON IP LLC

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

2023252018	SENSUS SPECTRUM LLC	2023260693	SITA B.V.
2023252513	GAZTRANSPORT ET TECHNIGAZ	2023260712	ATOSSA THERAPEUTICS, INC.
2023252596	RECKITT BENCKISER HEALTH LIMITED	2023260754	KELLANOVA
2023252670	RST CLEANTECH LTD	2023260793	ECOPIA TECH CORPORATION
2023252861	RELIANCE WORLDWIDE CORPORATION	2023260822	BROADWING BIO LLC
2023253446	KEWPIE CORPORATION; KEWPIE EGG CORPORA- TION	2023260823	BROADWING BIO LLC
2023253645	CELADYNE TECHNOLOGIES, INC.	2023260899	ELI LILLY AND COMPANY
2023253657	WAVE LIFE SCIENCES LTD.	2023260939	LOMA LINDA UNIVERSITY
2023253692	MINERVA BIOTECHNOLOGIES CORPORATION	2023261076	KEIO UNIVERSITY
2023253825	MAYBORN (UK) LIMITED	2023261084	NIPPON SHINYAKU CO., LTD.
2023254114	THE GENERAL HOSPITAL CORPORATION	2023261086	PHARMABIO CORPORATION
2023254190	DUKE UNIVERSITY	2023261324	HUIDAGENE THERAPEUTICS (SINGAPORE) PTE. LTD.
2023254428	GAZTRANSPORT ET TECHNIGAZ	2023261427	STANDARD BARIATRICS, INC.
2023254599	HITACHI, LTD.	2023261450	MIRACURE BIOTECHNOLOGY LIMITED
2023254782	RELIANCE WORLDWIDE CORPORATION	2023261756	NOETIX PHARMA LLC
2023255156	OCADO INNOVATION LIMITED	2023261789	KINETIC ENGINEERING SERVICES PTY LTD
2023255229	THE FRANCIS CRICK INSTITUTE LIMITED	2023261847	ELC MANAGEMENT LLC
2023255787	FBD PARTNERSHIP, LP	2023261855	UNIVERSITY OF UTAH RESEARCH FOUNDATION
2023256071	BEIJING CHANGPING LABORATORY; PEKING UNI- VERSITY	2023261888	MANNKIND CORPORATION
2023256282	BUNDESDRUCKEREI GMBH	2023261892	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023256391	SUMITOMO PHARMA CO., LTD.	2023261931	HOVER INC.
2023256431	HANMI PHARM. CO., LTD.	2023261954	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2023256513	ENERGY VAULT, INC.	2023261962	HOWARD HUGHES MEDICAL INSTITUTE
2023257188	WOSLER CORP.	2023262024	OKTA, INC.
2023257298	THE CHILDREN'S HOSPITAL OF PHILADELPHIA; THE GENERAL HOSPITAL CORPORATION	2023262052	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
2023257377	BLUESPHERE BIO, INC.; UNIVERSITY OF PITTS- BURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	2023262058	ESS TECH, INC.
2023258061	ENGINEERED ANTIGENS INC.	2023262096	SANDVIK MINING AND CONSTRUCTION OY
2023258111	PI-DESIGN AG	2023262208	NOVATEK THERAPEUTICS, LLC
2023258229	NORTON HEALTHCARE LIMITED	2023262212	SITA B.V.
2023258613	CORWAVE SA	2023262243	TECHNIPFMC SUBSEA FRANCE
2023258675	OCADO INNOVATION LIMITED	2023262297	ENI S.P.A.
2023258798	DAIICHI SANKYO COMPANY, LIMITED	2023262515	FIRST MODE IPP LIMITED
2023258986	HUAWEI TECHNOLOGIES CO., LTD.	2023262581	EXACT SCIENCES CORPORATION
2023259154	VERMEER MANUFACTURING COMPANY	2023262588	NEW YORK UNIVERSITY
2023259165	UNIVERSITY OF VIRGINIA PATENT FOUNDATION	2023262657	BREVILLE PTY LIMITED
2023259233	TWIGITAL LLC	2023262658	THE UNIVERSITY OF MELBOURNE; AUSTRALIAN NATIONAL UNIVERSITY; FLOREY INSTITUTE OF NEUROSCIENCE AND MENTAL HEALTH; DEAKIN UNIVERSITY
2023259251	BROADWING BIO LLC	2023262960	QINGDAO HAIER LAUNDRY ELECTRIC APPLI- ANCES CO., LTD; HAIER SMART HOME CO., LTD.
2023259390	ACURASTEM INCORPORATED	2023263197	BEIGENE , LTD.
2023259577	M.B. BROEKHUIS BEHEER B.V.; MRNP HOLDING B.V.	2023263256	COLGATE-PALMOLIVE COMPANY
2023259581	DOKA GMBH	2023263297	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
2023259611	CUE BIOPHARMA, INC.	2023263401	CATALYST ORTHOSCIENCE INC.
2023259642	THE BROAD INSTITUTE, INC.; PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2023263523	JINKO SOLAR (HAINING) CO., LTD.; JIANGSU SANJO INTELLIGENT TECHNOLOGY CO., LTD.
2023259675	SITA B.V.	2023263583	NOETIC TECHNOLOGIES INC.
2023259682	LUMO ANALYTICS OY	2023263615	ZTE CORPORATION
2023259760	ECOPIA TECH CORPORATION	2023263680	GOLDHOFER AKTIENGESELLSCHAFT
2023259944	ASAHI KASEI KABUSHIKI KAISHA	2023263704	DE' LONGHI APPLIANCES S.R.L.
2023260011	LEPIDYNE CO., LTD.	2023263724	SNF GROUP
2023260204	CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD.	2023263770	TREEFROG THERAPEUTICS
2023260217	CHANGCHUN INTELLICROWN PHARMACEUTIC- AL CO., LTD.; INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF MEDICAL SCIENCES	2023263775	HEINEKEN SUPPLY CHAIN B.V.
2023260261	CATERPILLAR INC.	2023263809	BUZZELET DEVELOPMENT AND TECHNOLOGIES LTD.
2023260284	BEIGENE , LTD.	2023263835	PRILENIA NEUROTHERAPEUTICS LTD.
2023260333	PRAXIS PRECISION MEDICINES, INC.	2023263850	DAIKIN INDUSTRIES, LTD.
2023260425	BIGELOW LABORATORY FOR OCEAN SCIENCES	2023263912	ARCHER OILTOOLS AS
2023260436	MODERN GAMES, INC.	2023263942	TYR SPORT, INC.
2023260453	CARBON AUTONOMOUS ROBOTIC SYSTEMS INC.	2023264077	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
2023260460	NESTED THERAPEUTICS, INC.	2023264090	ASPHALT MATERIALS, INC.
2023260469	HADASIT MEDICAL RESEARCH SERVICES AND DE- VELOPMENT LTD.; CELL CURE NEUROSCIENCES, LTD.	2023264253	DE' LONGHI APPLIANCES S.R.L.
2023260511	Nuovo Pignone Tecnologie - S.r.l.	2023264255	HITACHI RAIL GTS DEUTSCHLAND GMBH
2023260655	CONCOURSE IP PTY LTD	2023264275	GRANT PRIDECO, INC.
2023260689	INVINITY ENERGY SYSTEMS (IRELAND) LIMITED	2023264277	TOPSOE A/S
		2023264432	CJ CHEILJEDANG CORPORATION
		2023264476	COLGATE-PALMOLIVE COMPANY
		2023264537	TREELINE BIOSCIENCES, INC.

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

2023264568	PFOF LLC	2023269220	VMI HOLLAND B.V.
2023264760	BASF SE	2023269259	RETYRE AS
2023264770	ABIOMED EUROPE GMBH	2023269265	BAYER CROPSCIENCE LP
2023264827	TREEFROG THERAPEUTICS	2023269545	GENMAB A/S; BIONTECH SE
2023264831	HORISONT ENERGI AS	2023269546	GENMAB A/S; BIONTECH SE
2023264962	CJ CHEILJEDANG CORPORATION	2023269638	INTERLINE THERAPEUTICS, INC.
2023265016	BASF CORPORATION	2023269661	AGRIVIDA, INC.
2023265039	AMGEN INC.	2023269677	PSIQUANTUM CORP.
2023265040	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2023269757	PI INDUSTRIES LTD.
2023265064	BLUEPRINT MEDICINES CORPORATION	2023269896	THE GILLETTE COMPANY LLC
2023265069	PRAMAND LLC	2023269971	THE GILLETTE COMPANY LLC
2023265115	HOLLISTER INCORPORATED	2023269995	ELI LILLY AND COMPANY
2023265150	VERTEX PHARMACEUTICALS INCORPORATED	2023270147	GOOGLE LLC
2023265376	BASF SE	2023270179	LINOVA ENERGY LP
2023265378	BOPLAN BV	2023270499	CAMBRIDGE ENTERPRISE LIMITED
2023265419	CATERPILLAR INC.	2023270735	SOLHYD
2023265480	HEINEKEN SUPPLY CHAIN B.V.	2023270809	OXFORD NANOPORE TECHNOLOGIES PLC
2023265724	SAMSUNG ELECTRONICS CO., LTD.	2023270813	ARECOR LIMITED
2023265777	DIALIGHT CORPORATION	2023270990	GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD.
2023265789	RANPAK CORP.	2023271515	SUNTORY HOLDINGS LIMITED
2023265822	COCOON BIOTECH INC.	2023271647	HYKSO INC.
2023265985	BROWN, T.E.	2023271677	COLGATE-PALMOLIVE COMPANY
2023266038	BASF SE	2023271820	CARBON ENGINEERING ULC
2023266064	BASF SE	2023271967	OLEMA PHARMACEUTICALS, INC.
2023266131	BIOC3	2023272016	GRAIN WEEVIL CORPORATION
2023266191	ANTIBODY ANALYTICS LIMITED	2023272042	THE CHINESE UNIVERSITY OF HONG KONG
2023266608	SANDVIK MINING AND CONSTRUCTION TOOLS AB	2023272087	DAIRY MANAGEMENT INC.; CORNELL UNIVERSITY
2023266629	GREIF INTERNATIONAL HOLDING BV	2023272468	NOVOZYMES A/S; NOVONESIS PLANT BIOSOLUTIONS A/S
2023266636	SMTP MEDICAL CO., LTD.	2023272565	W. L. GORE & ASSOCIATES, INC.
2023266675	PREVENTUM INNOVATIONS AB	2023272566	COLGATE-PALMOLIVE COMPANY
2023266688	SCOOT & RIDE HOLDING GMBH	2023272670	TEIJIN LIMITED
2023266694	GBM WORKS IP B.V.	2023272774	ENHANCED DRILLING AS
2023266955	SHENZHEN JISU TECHNOLOGY CO., LTD	2023272817	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
2023266956	DONGGUAN PINEAPPLE PROTECTION CO., LTD	2023272934	BWXT ADVANCED TECHNOLOGIES LLC
2023267141	AQUALUNG CORPORATE	2023272957	CEPHEID
2023267166	ACTEGA DS GMBH	2023273018	SEATTLE CHILDREN'S HOSPITAL (DBA SEATTLE CHILDREN'S RESEARCH INSTITUTE)
2023267251	BECKMAN COULTER BIOTECHNOLOGY (SUZHOU) CO., LTD.	2023273026	ADVANTEK WASTE MANAGEMENT, LLC
2023267259	CALLIDITAS THERAPEUTICS SUISSE SA	2023273063	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.
2023267515	THE GILLETTE COMPANY LLC	2023273118	GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH
2023267545	BETA PHARMA, INC.	2023273275	ARECOR LIMITED
2023267583	RELAY THERAPEUTICS, INC.	2023273326	FERTIS INDIA PVT. LTD.
2023267682	PSIQUANTUM CORP.	2023273337	PFIZER INC.
2023267812	MACAU UNIVERSITY OF SCIENCE AND TECHNOLOGY	2023273444	ENVIRONMENT ENERGY CO., LTD.; IDEMITSU KOSAN CO.,LTD.
2023267898	PLL THERAPEUTICS	2023273554	QET SWEDEN AB
2023267921	JOST-WERKE DEUTSCHLAND GMBH	2023273810	ADVANTEK WASTE MANAGEMENT SERVICES, LLC
2023267984	RETYRE AS	2023273811	DAIRY MANAGEMENT INC.; CORNELL UNIVERSITY
2023268017	AB CONSULTING S.A.S. DI ANDREA BRACCIALI & C.	2023273965	VAN DER HOEVEN HORTICULTURAL PROJECTS B.V.
2023268138	MAYEKAWA MFG. CO., LTD.	2023273968	CHR. HANSEN A/S
2023268401	EMEH, INC.	2023273988	SANDVIK MINING AND CONSTRUCTION TOOLS AB
2023268460	MERCK SHARP & DOHME LLC	2023273998	VIB VZW; UNIVERSITEIT GENT; VRIJE UNIVERSITEIT BRUSSEL; EXEVIR BIO BV
2023268542	BIOOTHERYX, INC.	2023274006	GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN STIFTUNG ÖFFENTLICHEN RECHTS, UNIVERSITÄTSMEDIZIN; GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN STIFTUNG ÖFFENTLICHEN RECHTS
2023268557	VENTUS THERAPEUTICS U.S., INC.	2023274015	CEFALY TECHNOLOGY SPRL
2023268571	VMI HOLLAND B.V.	2023274022	GENELEC OY
2023268590	SYNGENTA CROP PROTECTION AG	2023275259	TSUGII Kaori
2023268596	SANDVIK MINING AND CONSTRUCTION OY	2023275290	HYBRIT DEVELOPMENT AB
2023268982	THE GILLETTE COMPANY LLC	2023275484	GRAPHIC PACKAGING INTERNATIONAL, LLC
2023269011	THE GILLETTE COMPANY LLC	2023275671	KITE PHARMA, INC.
2023269021	AMGEN INC.	2023275850	KLAUS MULTIPARKING GMBH
2023269030	FLAGSHIP PIONEERING INNOVATIONS VI, LLC	2023275939	GÜNTNER GMBH & CO. KG
2023269061	INTERLINE THERAPEUTICS, INC.		
2023269095	NEUMORA THERAPEUTICS, INC.		
2023269111	WEBER-STEPHEN PRODUCTS LLC		
2023269182	YALE UNIVERSITY		
2023269186	AMLYX PHARMACEUTICALS, INC.		
2023269191	ELI LILLY AND COMPANY		
2023269195	DUPONT SPECIALTY MATERIALS SINGAPORE PTE.; DDP SPECIALTY ELECTRONIC MATERIALS US, LLC		
2023269211	PRESIDENT AND FELLOWS OF HARVARD COLLEGE		

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

2023275977	MERSEN ÖSTERREICH HITTISAU GES.M.B.H	2023300364	ASTELLAS US LLC
2023276855	SANDVIK LTD	2023300712	ACERGY FRANCE SAS
2023276874	GÜNTNER GMBH & CO. KG	2023303813	F. HOFFMANN-LA ROCHE AG
2023277164	RAYTHEON COMPANY	2023304182	ANIMA BIOTECH INC.
2023277621	AMGEN INC.	2023305002	ANIMA BIOTECH INC.
2023277739	EVOBEND GMBH	2023305897	WEIR PUMP AND VALVE SOLUTIONS, INC
2023278302	SHANDONG BOAN BIOTECHNOLOGY CO., LTD.	2023307004	SOMALOGIC OPERATING CO., INC.
2023278422	F. HOFFMANN-LA ROCHE AG	2023307681	REVLON CONSUMER PRODUCTS LLC
2023278726	MUSHROOM MATERIAL PRIVATE LIMITED	2023308198	SOMALOGIC OPERATING CO., INC.
2023279014	DURACELL U.S. OPERATIONS, INC.	2023308364	ABBISKO THERAPEUTICS CO., LTD.
2023279059	STACKPACK B.V.	2023308964	HALLIBURTON ENERGY SERVICES, INC.
2023279117	NORDEX ENERGY SE & CO. KG	2023309968	HOYA LENS THAILAND LTD.
2023279305	NISSHIN FLOUR MILLING INC.	2023311244	F. HOFFMANN-LA ROCHE AG
2023279378	THE UNIVERSITY OF ADELAIDE	2023314508	UNIVERSITY OF ROCHESTER
2023279541	ITRON GLOBAL SARL	2023314721	KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRA- STRUCTURE SYSTEMS & SOLUTIONS CORPORA- TION
2023279857	DOMAIN THERAPEUTICS	2023314726	KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRA- STRUCTURE SYSTEMS & SOLUTIONS CORPORA- TION
2023280138	LG ENERGY SOLUTION, LTD.	2023315042	F. HOFFMANN-LA ROCHE AG
2023280294	WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2023315070	FRESENIUS VIAL SAS
2023280401	DENTSPLY SIRONA INC.	2023315120	F. HOFFMANN-LA ROCHE AG
2023280488	AUTONOMOUS MEDICAL DEVICES INCORPOR- ATED	2023316568	ADVANTEK WASTE MANAGEMENT SERVICES, LLC
2023280611	MIYOSHI OIL & FAT CO.,LTD.	2023316921	VIVAVISION BIOTECH LTD.
2023280623	LEMANIS ORGANIC PTY LTD	2023322637	F. HOFFMANN-LA ROCHE AG
2023281435	HARLOCK CREATIVE LLC	2023323444	KOMATSU LTD.
2023281719	RADJET SERVICES US, INC.	2023331398	DAIKYO SEIKO, LTD.
2023281871	ILLUMINA, INC	2023338767	HALLIBURTON ENERGY SERVICES, INC.
2023281894	MEDSKIN SOLUTIONS DR. SUWELACK AG	2023350604	PSIQUANTUM, CORP.
2023282123	RESMED PTY LTD	2023355448	ZHEJIANG ZENERGY SOLAR CO., LTD.
2023282588	BAYER AKTIENGESELLSCHAFT	2023358134	SEKISUI HOUSE, LTD.
2023282683	KOMATSU LTD.	2023358945	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2023282765	WEBER-STEPHEN PRODUCTS LLC	2023361985	VIVAVISION BIOTECH LTD.
2023282788	NETFLIX, INC.	2023383100	BECHTEL ENERGY TECHNOLOGIES & SOLUTIONS, INC.
2023282795	ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC.	2023386275	TONGWEI SOLAR (CHENGDU) CO., LTD.
2023282907	KITE PHARMA, INC.	2023387761	HEBEI HAODE RUBBER & PLASTICE CO., LTD.
2023282952	PHOTONIC INC.	2023387776	SHANTOU SAMMA PLASTIC INDUSTRY CO., LTD.
2023283201	CANON KABUSHIKI KAISHA	2023409721	JOHNSON & JOHNSON VISION CARE, INC.
2023283338	INARI MEDICAL, INC.	2023409811	JOHNSON & JOHNSON VISION CARE, INC.
2023283476	BLOSSOMHILL THERAPEUTICS, INC.	2023409813	JOHNSON & JOHNSON VISION CARE, INC.
2023283525	SIRONAX LTD.	2023433479	ZHEJIANG HUAYOU COBALT CO., LTD.
2023283534	ALIBABA (CHINA) CO., LTD.	2023433483	ZHEJIANG HUAYOU COBALT CO., LTD.
2023283681	TELIX PHARMACEUTICALS (INNOVATIONS) PTY LTD	2024203960	VERSUNI HOLDING B.V.
2023284048	BAYER AKTIENGESELLSCHAFT	2024220739	FRONIUS INTERNATIONAL GMBH
2023284104	PLANT MATERIAL LIMITED	2024238254	JOHNSON & JOHNSON VISION CARE, INC.
2023284164	SATO HOLDINGS KABUSHIKI KAISHA		
2023284405	THE ALFRED E. MANN FOUNDATION FOR SCI- ENTIFIC RESEARCH		
2023284873	NITE IZE, INC.		
2023284974	ECOLAB USA INC.		
2023285630	PYC THERAPEUTICS LIMITED		
2023286693	R.A. PHILLIPS INDUSTRIES, INC.		
2023287236	FORM 700 PTY LTD		
2023288559	SYSTEM B		
2023289659	REGENERON PHARMACEUTICALS, INC.		
2023291824	TURUN YLIOPISTO		
2023291963	JOHNSON MATTHEY DAVY TECHNOLOGIES LIM- ITED		
2023293720	LAVA THERAPEUTICS N.V.		
2023295909	JOHNSON MATTHEY DAVY TECHNOLOGIES LIM- ITED		
2023296370	QUANTUM MOTION TECHNOLOGIES LIMITED		
2023296522	DOMETIC SWEDEN AB; DOMETIC (SHENZHEN) TRADING CO., LTD.		
2023296893	GUBRA A/S		
2023296917	FIVES FCB		
2023297833	VARIAN MEDICAL SYSTEMS, INC.		
2023298102	CELLECTIS S.A.		
2023298531	ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC.		
2023299175	BAXTER INTERNATIONAL INC.; BAXTER HEALTH- CARE SA		
2023299796	AMOS POWER, INC.		
2023300354	ILLUMINA, INC.		

IPC Index

<u>A01B 69 /-</u>	<u>A01N 63 /-</u>	2023272087	<u>A45D 40 /-</u>	<u>A61B 34 /-</u>	<u>A61G 5 /-</u>
2023260453	2023272468	<u>A23L 3 /-</u>	2023261847	2023266636	2023260655
<u>A01B 79 /-</u>	<u>A01P 7 /-</u>	2023249929	<u>A46B 15 /-</u>	2023284974	<u>A61J 1 /-</u>
2022473991	2023269757	<u>A23L 33 /-</u>	2023267515	<u>A61B 46 /-</u>	2023258229
<u>A01C 14 /-</u>	2023282588	2023250762	2023268982	2023284974	2023331398
2022473991	<u>A22C 17 /-</u>	2023267898	2023269011	<u>A61B 5 /-</u>	<u>A61K 31 /-</u>
<u>A01D 41 /-</u>	2023268138	2023271515	2023269896	2022453440	2022451890
2023288559	2023288559	2023273326	2023269971	2023241595	2022475622
<u>A01D 75 /-</u>	<u>A22C 21 /-</u>	<u>A23L 35 /-</u>	<u>A46B 17 /-</u>	2023244234	2023242283
2022473993	2023268138	2023253446	2023267515	2023246692	2023242616
2023272016	<u>A23C 20 /-</u>	<u>A23L 5 /-</u>	2023268982	2023247751	2023243233
<u>A01D 75 /-</u>	2023269661	2023264432	2023269011	2023261954	2023243459
2022473991	<u>A23C 20 /-</u>	2023264962	2023269896	2023264770	2023244511
<u>A01F 12 /-</u>	2023269661	2024203960	2023269971	2023281435	2023244611
2023272016	<u>A23F 5 /-</u>	<u>A23L 7 /-</u>	<u>A47G 19 /-</u>	2023284405	2023245617
<u>A01G 20 /-</u>	2023249929	2023264432	2023253825	2023297833	2023248424
2022457478	<u>A23G 9 /-</u>	2023264962	2023258111	<u>A61B 50 /-</u>	2023248685
<u>A01G 9 /-</u>	2023255787	<u>A24B 13 /-</u>	<u>A47J 27 /-</u>	2023331398	2023248738
2023273965	<u>A23J 3 /-</u>	2023242616	2023269111	<u>A61B 8 /-</u>	2023249138
<u>A01H 5 /-</u>	2023253446	<u>A24F 23 /-</u>	<u>A47J 31 /-</u>	2022453440	2023249431
2022455698	2023272087	2023242616	2023258111	2023257188	2023250031
<u>A01H 6 /-</u>	<u>A23K 10 /-</u>	<u>A41C 3 /-</u>	2023263704	2023261855	2023250345
2022455698	2023273968	2023251968	2023264253	2023266636	2023250762
<u>A01K 67 /-</u>	<u>A23K 20 /-</u>	2023281435	<u>A47J 37 /-</u>	<u>A61B 90 /-</u>	2023253657
2023250649	2023260425	<u>A41D 1 /-</u>	2023269111	2023241595	2023256071
<u>A01M 21 /-</u>	2023271515	2023251968	2023282765	2023284974	2023256391
2023260453	<u>A23K 50 /-</u>	<u>A43B 1 /-</u>	<u>A47J 43 /-</u>	<u>A61C 13 /-</u>	2023260204
<u>A01N 25 /-</u>	2023264432	2023263942	2023262657	2023280401	2023260217
2023269265	2023264962	<u>A43B 13 /-</u>	<u>A47K 10 /-</u>	<u>A61C 17 /-</u>	2023260284
2023272468	<u>A23L 15 /-</u>	2023263942	2023280611	2023261756	2023260333
2023280623	2023253446	<u>A43B 21 /-</u>	<u>A47L 11 /-</u>	2023261888	2023260460
<u>A01N 33 /-</u>	<u>A23L 2 /-</u>	2023263942	2023243425	2023263197	2023260712
2023269265	2023249929	<u>A43B 5 /-</u>	<u>A47L 15 /-</u>	2023263297	2023260899
<u>A01N 43 /-</u>	2023273326	2023263942	2022451214	2023264537	2023261084
2023268590	<u>A23L 23 /-</u>	<u>A43B 7 /-</u>	<u>A61B 1 /-</u>	2023265040	2023261450
2023269265	2023264432	2023263942	2023260939	2023265064	2023261756
2023269757	2023264962	<u>A44B 15 /-</u>	<u>A61B 17 /-</u>	2023265150	2023261888
2023282588	<u>A23L 29 /-</u>	2023284873	2023242821	2023267259	2023263197
<u>A01N 47 /-</u>	2023253446	<u>A45D 34 /-</u>	2023247118	2023267545	2023263297
2023269265	2023264432	2023271677	2023261427	2023267583	2023263809
	2023264962		2023266636	2023267812	2023264537
			2023283338	2023267898	2023265040
			2023284974	2023268460	2023265064
				2023268542	2023265150
				2023268557	2023267259
				2023269061	2023267545
				2023269095	2023267583
				2023269182	2023267812
				2023269186	2023267898
				2023269191	2023268460
				2023269638	2023268542
				2023269995	2023268557
				2023271515	2023269061
				2023271967	2023269095
				2023273063	2023269182
				2023273811	2023269186
				2023274006	2023269191

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

2023277621	2023278302	<u>A61K 9 /-</u>	<u>A61M 5 /-</u>	2023256391	2023245347
2023279857	2023282907			2023261756	2023247654
2023283476	2023283681	2023242283	2023247113	2023261962	2023247721
2023283525	2023289659	2023242616	2023273337	2023262658	2023248685
2023285630	2023293720	2023243233		2023263809	2023249431
2023293720	2023298102	2023243459	<u>A61M 60 /-</u>	2023267898	2023250031
2023304182		2023244511		2023268557	2023250382
2023305002	<u>A61K 45 /-</u>	2023244611	2023258613	2023269095	2023250992
2023308364		2023248685		2023283525	2023253692
2023311244	2023243622	2023250345	<u>A61N 1 /-</u>	2023285630	2023255229
2023314508	2023244369	2023260204		2023315042	2023256071
2023315042	2023248738	2023260217	2023274015	2023315120	2023256391
2023315120	2023250031	2023260712	<u>A61N 2 /-</u>		2023257377
2023316921	2023250382	2023261888		<u>A61P 27 /-</u>	2023259611
2023322637	2023253692	2023262208	2023284405		2023260204
2023361985	2023256431	2023262658	<u>A61N 5 /-</u>	2023250345	2023260284
	2023267259	2023269182		2023256391	2023260460
<u>A61K 35 /-</u>		2023269191	<u>A61N 5 /-</u>	2023259251	2023260712
	<u>A61K 47 /-</u>	2023269995		2023260822	2023260899
2023241908	2022451890	2023270813	2023264476	2023260823	2023261084
2023243459	2023242283	2023273275	2023297833	2023265150	2023263197
2023246279	2023242616	2023300364	<u>A61P 1 /-</u>	2023300364	2023263297
2023254114	2023244611	2023361985		2023361985	2023264077
2023262658	2023245347	<u>A61L 15 /-</u>	2023249431	<u>A61P 29 /-</u>	2023264537
2023273018	2023250345		2023256431		2023265040
2023273968	2023251108	2023242915	2023260217	2022475622	2023265064
2023282907	2023251245	2023265069	2023267898	2023247337	2023267545
2023298102	2023253692	2023281894	2023273326	2023256431	2023267583
<u>A61K 36 /-</u>	2023256431	<u>A61L 26 /-</u>	2023274006	2023262208	2023267812
	2023260204		2023277621	2023263809	2023268542
2023262208	2023260217	2023265069	<u>A61P 11 /-</u>	2023268557	2023268557
2023263809	2023262658	<u>A61L 27 /-</u>		2023279857	2023269182
	2023264537		2023250762	2023314508	2023269546
<u>A61K 38 /-</u>	2023265040		2023258061	2023361985	2023273063
	2023267898	<u>A61L 29 /-</u>	2023261084	<u>A61P 3 /-</u>	2023278302
2023239961	2023270813	2023244511	2023268557		2023279857
2023250345	2023272087	2023261086	2023274006	2023245617	2023283681
2023251108	2023273063	2023262658	<u>A61P 13 /-</u>		2023298102
2023251245	2023273275	2023272670		2023249431	2023304182
2023254190	2023273811	<u>A61L 29 /-</u>	2023249431	2023256071	2023305002
2023256431	2023278302		2023251245	2023256391	2023308364
2023259611	2023316921	2023265115	2023261084	2023269191	2023311244
2023261962	2023361985	<u>A61L 31 /-</u>	2023274006	2023269995	2023322637
2023262658	<u>A61K 48 /-</u>		<u>A61P 15 /-</u>	2023279857	<u>A61P 37 /-</u>
2023265150		2023265069		2023296893	
2023269211	2023239961	<u>A61M 1 /-</u>	2023256391	2023314508	2023247337
2023270813	2023246279		<u>A61P 17 /-</u>	<u>A61P 31 /-</u>	2023254114
2023273275	2023254114	2023261076			2023256071
2023296893	2023257298	2023272817	2023248738	2022457212	2023256431
2023300364	2023259642	2023299175	2023269182	2023243459	2023258061
2023314508	2023261324	<u>A61M 16 /-</u>	<u>A61P 19 /-</u>	2023244611	<u>A61P 43 /-</u>
<u>A61K 39 /-</u>	2023269211			2023251108	
	<u>A61K 51 /-</u>	2023282123	2022475622	2023251245	2023250762
2022457212		<u>A61M 19 /-</u>	2023249431	2023258061	2023256391
2023239488	2023264077		2023261084	2023259611	2023261084
2023243622	2023283681	2023264568	<u>A61P 21 /-</u>	2023260217	2023261324
2023243881	<u>A61K 6 /-</u>	<u>A61M 25 /-</u>		2023261450	2023267259
2023244369			2022475622	2023268460	2023271515
2023245347	2023280401	<u>A61M 39 /-</u>	2023263809	2023273275	<u>A61P 9 /-</u>
2023247337	<u>A61K 8 /-</u>		2023314508	2023273998	
2023247583		2023264770	<u>A61P 25 /-</u>	<u>A61P 35 /-</u>	2023251245
2023247654		2023283338			2023256391
2023251268	2023243125		2023242616	2022451890	2023263809
2023254190	2023244511	2023272817	2023243233	2023239488	2023268557
2023257377	2023263256		2023245617	2023241592	2023271515
2023258061	2023272566		2023249138	2023241908	2023274006
2023259251	2023307681		2023249431	2023243622	2023279857
2023259611				2023243881	
2023269021				2023244369	
2023269545					
2023273063					

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

<u>A61Q 1 /-</u>	2023272565 2023383100	<u>B05D 3 /-</u>	<u>B25J 9 /-</u>	<u>B29L 31 /-</u>	<u>B62B 1 /-</u>
2023307681		2023281894		2023278726	2023246734
<u>A61Q 17 /-</u>	<u>B01D 61 /-</u>	<u>B07B 1 /-</u>	2023248375 2023272042	<u>B31B 50 /-</u>	<u>B62B 13 /-</u>
2023272566	2023250662	2023279305	<u>B26B 19 /-</u>	2023387776	2023266688
<u>A61Q 19 /-</u>	<u>B01D 63 /-</u>	<u>B07C 5 /-</u>	2023268982 2023269011 2023269896 2023269971	<u>B41F 23 /-</u>	<u>B62D 25 /-</u>
2023243125 2023244511 2023263256	2023269195	2023251946		2022459256	2023249397
	<u>B01D 65 /-</u>	<u>B09B 101 /-</u>	<u>B26B 21 /-</u>	<u>B42D 25 /-</u>	<u>B62D 55 /-</u>
	2023269195	2022454579		2023273118	2023299796
<u>A62D 1 /-</u>	<u>B01D 69 /-</u>	<u>B09B 3 /-</u>	2023267515 2023268982 2023269011 2023269896 2023269971	<u>B60B 35 /-</u>	<u>B62D 61 /-</u>
2022449348	2023269195	2022454579		2023267921	2023263680
<u>A62D 3 /-</u>	<u>B01F 23 /-</u>	<u>B21D 28 /-</u>		<u>B60C 7 /-</u>	<u>B63C 11 /-</u>
2022454579	2022451214	2023277739	<u>B26D 1 /-</u>	2023260655	2023267141
<u>A63B 21 /-</u>	<u>B01F 25 /-</u>	<u>B22F 5 /-</u>	2023268138	<u>B60G 9 /-</u>	<u>B64C 13 /-</u>
2023249321	2022451214	2023266608	<u>B26D 3 /-</u>	2023267921	2023277164
<u>A63B 22 /-</u>	<u>B01F 33 /-</u>	<u>B22F 7 /-</u>	2023262657	<u>B60J 7 /-</u>	<u>B64C 39 /-</u>
2023249321	2023269195	2023266608	<u>B26D 7 /-</u>	2023263523	2023261931
<u>A63B 23 /-</u>	<u>B01F 35 /-</u>	<u>B23D 15 /-</u>	2023262657	<u>B60K 1 /-</u>	<u>B64F 1 /-</u>
2023249321	2023269195	2023277739	<u>B29B 15 /-</u>	2023262515	2023259675 2023260693 2023262212
<u>A63B 33 /-</u>	<u>B01J 21 /-</u>	<u>B23P 15 /-</u>	2023278726	<u>B60K 17 /-</u>	
2023267141	2023272565	2023277739	<u>B29C 35 /-</u>	2023299796	<u>B65B 11 /-</u>
<u>A63B 57 /-</u>	<u>B01J 23 /-</u>	<u>B24B 29 /-</u>	2023280401	<u>B60L 53 /-</u>	2023265789
2023265985	2023263835 2023272565	2023291824	<u>B29C 39 /-</u>	2023249397	<u>B65B 33 /-</u>
<u>A63B 63 /-</u>		<u>B24B 35 /-</u>	2023278726	<u>B60P 3 /-</u>	2023266956
2023271647	<u>B01J 31 /-</u>	2023229469	<u>B29C 43 /-</u>	2023263680	<u>B65B 35 /-</u>
<u>A63B 69 /-</u>	2023303813	<u>B24B 37 /-</u>	2023278726	<u>B60R 16 /-</u>	2023261789
2023271647	<u>B01J 37 /-</u>	2023291824	<u>B29C 70 /-</u>	2023286693	<u>B65B 5 /-</u>
<u>A63C 17 /-</u>	2023303813	<u>B24B 41 /-</u>	2023278726	<u>B60R 3 /-</u>	2023265789
2023266688	<u>B01J 8 /-</u>	2023229469 2023291824	<u>B29D 11 /-</u>	2023260261	<u>B65B 51 /-</u>
<u>A63F 13 /-</u>	2023295909	<u>B24B 49 /-</u>	2024238254	<u>B60W 30 /-</u>	2023265789
2023227456 2023260436	2023276855	2023291824	<u>B29D 30 /-</u>	2022473993	<u>B65B 59 /-</u>
<u>B01D 1 /-</u>	<u>B02C 21 /-</u>	2023291824	2023267984 2023269259	<u>B60W 40 /-</u>	2023265789
2023250662	2023259154	<u>B24B 57 /-</u>	<u>B29K 311 /-</u>	2022473993	<u>B65B 9 /-</u>
<u>B01D 15 /-</u>	<u>B02C 23 /-</u>	2023291824	2023278726	<u>B61L 23 /-</u>	2023265789
2023245599	2023259154	<u>B25B 13 /-</u>	<u>B29K 67 /-</u>	2023259577	<u>B65D 33 /-</u>
<u>B01D 45 /-</u>	<u>B02C 25 /-</u>	2022449433	2023278726	<u>B61L 25 /-</u>	2023260754
2022458703	2023259154	<u>B25J 11 /-</u>	<u>B29K 81 /-</u>	2023243610	<u>B65D 39 /-</u>
<u>B01D 53 /-</u>	<u>B05D 1 /-</u>	2023248375	2023278726	<u>B61L 9 /-</u>	2023266629
2023264277 2023265016 2023271820	2023281894	<u>B25J 15 /-</u>		2023259577	
		2023261789			

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

<u>B65D 41 /-</u>	<u>B66F 9 /-</u>	<u>C07C 233 /-</u>	<u>C07C 69 /-</u>	2023261084 2023283525	2023249431 2023250382 2023260899
2023266629 2023267166	2023258675	2023245617	2023266038		2023261084 2023263197
<u>B65D 47 /-</u>	<u>B82Y 10 /-</u>	<u>C07C 235 /-</u>	<u>C07D 203 /-</u>	<u>C07D 301 /-</u>	2023267545 2023268542
2023266629 2023271677	2023296370	2023249138	2023266064	2023266064	2023269061 2023269638 2023269757 2023279857 2023308364
<u>B65D 5 /-</u>	<u>B82Y 20 /-</u>	<u>C07C 237 /-</u>	<u>C07D 209 /-</u>	<u>C07D 307 /-</u>	
2023243244 2023279059 2023387776	2023267682	2023247721	2023256071 2023256391 2023268557	2023256071	
<u>B65D 51 /-</u>	<u>C01B 17 /-</u>	<u>C07C 239 /-</u>	<u>C07D 211 /-</u>	<u>C07D 311 /-</u>	
2023266629	2023264277	2023249138		2023260460	<u>C07D 487 /-</u>
<u>B65D 51 /-</u>	<u>C01B 3 /-</u>	<u>C07C 25 /-</u>	2023249138 2023263835	<u>C07D 333 /-</u>	2023250382 2023256391 2023267545 2023268542
<u>B65D 63 /-</u>	<u>C01C 1 /-</u>	<u>C07C 253 /-</u>	<u>C07D 213 /-</u>	<u>C07D 401 /-</u>	<u>C07D 491 /-</u>
2023260754	2023264831 2023266064 2023383100	2022457759	2022475622 2023247721 2023261084 2023261888 2023263835 2023268590	2022475622 2023247721 2023250382 2023260284 2023261084 2023263197 2023268460 2023268557 2023269095 2023269757 2023283525	2022475622 2023279857 2023308364
<u>B65D 71 /-</u>	<u>C01D 15 /-</u>	<u>C07C 255 /-</u>	<u>C07D 215 /-</u>		<u>C07D 495 /-</u>
2023275484	2023245599	<u>C07C 275 /-</u>	2023263197 2023283525		2022475622 2023261888 2023308364
<u>B65D 75 /-</u>	<u>C02F 1 /-</u>	<u>C07C 277 /-</u>	<u>C07D 217 /-</u>	<u>C07D 403 /-</u>	<u>C07D 498 /-</u>
2023260754	2023250662 2023252670	2023241592			2023250382
<u>B65D 77 /-</u>	<u>C02F 101 /-</u>	<u>C07C 29 /-</u>	<u>C07D 231 /-</u>	2023242947 2023250382 2023265064 2023267545 2023268557 2023269095 2023315042 2023315120	<u>C07D 513 /-</u>
2023279059	2023250662	2023266038 2023266064 2023291963	2023261084 2023261888		2023264537 2023304182 2023305002 2023311244
<u>B65D 81 /-</u>	<u>C02F 11 /-</u>	<u>C07C 31 /-</u>	<u>C07D 233 /-</u>		<u>C07D 519 /-</u>
2023331398 2023387776	2023250662	2023266038 2023291963	2023247721	<u>C07D 237 /-</u>	2023249431 2023260899 2023268542
<u>B65D 83 /-</u>	<u>C02F 3 /-</u>	<u>C07C 311 /-</u>	<u>C07D 239 /-</u>	2023250382 2023260284 2023260460 2023263197 2023268557	<u>C07F 9 /-</u>
2023261847	2023269195	2023283525	2023247721	2023260460 2023263197 2023268557	2022475622 2023261450 2023265039
<u>B65G 1 /-</u>	<u>C02F 5 /-</u>	<u>C07C 41 /-</u>	<u>C07D 241 /-</u>	<u>C07D 413 /-</u>	
2023255156 2023258675	2023250662	2023266038 2023291963	2023261084 2023261888		<u>C07H 1 /-</u>
<u>B65G 15 /-</u>	<u>C04B 20 /-</u>	<u>C07C 45 /-</u>	<u>C07D 247 /-</u>		2023265039
2023387761	2023296917	2023266038	2023283525	<u>C07D 417 /-</u>	<u>C07H 19 /-</u>
<u>B65G 21 /-</u>	<u>C04B 24 /-</u>	<u>C07C 47 /-</u>		2023250382 2023260460 2023263297 2023268460 2023322637	2022475622 2023265039 2023265822
2023387761	2023263724 2023264760	2023266038	2023261084 2023261888	<u>C07D 471 /-</u>	
<u>B65G 57 /-</u>	<u>C04B 28 /-</u>	<u>C07C 51 /-</u>	<u>C07D 273 /-</u>		
2023261789	2023263724	2023266038	2023283525		
<u>B66B 19 /-</u>	<u>C07C 201 /-</u>	<u>C07C 53 /-</u>	<u>C07D 277 /-</u>		
2022460781	2022457398	2023266038	2023247721		
<u>B66C 13 /-</u>	<u>C07C 205 /-</u>	<u>C07C 67 /-</u>			
2023258675	2022457398				
<u>B66D 1 /-</u>	<u>C07C 213 /-</u>				
2023258675	2023266064				

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

<u>C07K 14 I/-</u>		<u>C09K 21 I/-</u>	2023272468	<u>C12R 1 I/-</u>	<u>D04B 1 I/-</u>
2022457212	<u>C08F 2 I/-</u>	2022449348	2023273018	2023266131	2023272670
2023240382	2023264760		2023273063		
2023241908		<u>C09K 3 I/-</u>	2023275671	<u>C21B 13 I/-</u>	<u>D06F 39 I/-</u>
2023247583	<u>C08F 220 I/-</u>	2023267166	2023277621	2023275290	2023246408
2023250649	2023264760		2023278302		2023262960
2023251108		<u>C09K 8 I/-</u>	2023278422	<u>C21B 3 I/-</u>	<u>D07B 1 I/-</u>
2023255229	<u>C08F 8 I/-</u>	2023263724	2023284048	2023433483	2023250229
2023256431	2023259944	2023316568	2023285630		
2023258061			2023300364	<u>C22B 1 I/-</u>	
2023259611		<u>C10B 53 I/-</u>	<u>C12N 5 I/-</u>	2023433483	<u>D21H 19 I/-</u>
2023261962	<u>C08G 63 I/-</u>	2023273444	2023239488		2023280611
2023262588	2022451924		2023246279	<u>C22B 26 I/-</u>	<u>D21H 21 I/-</u>
2023265822		<u>C10G 1 I/-</u>	2023250258	2023245599	2023280611
2023269211	<u>C08G 73 I/-</u>	2023273444	2023250649		
2023270499	2023266064		2023254114	<u>C22B 3 I/-</u>	<u>E01B 1 I/-</u>
2023275671	<u>C08G 75 I/-</u>	<u>C10L 3 I/-</u>	2023257377	2023245599	2023247082
2023278302	2023266064	2023265016	2023258798	2023264277	
2023282907			2023259611	2023433479	<u>E01B 11 I/-</u>
2023296893	2023266064	<u>C11C 5 I/-</u>	2023260469	<u>C22B 47 I/-</u>	2023268017
	2023270179	2023243316	2023261086	2023433479	<u>E01B 21 I/-</u>
<u>C07K 16 I/-</u>		<u>C12C 1 I/-</u>	2023262658	<u>C22B 5 I/-</u>	2023247082
2023239488	<u>C08H 99 I/-</u>	2023263775	2023263770	2023433483	<u>E01B 3 I/-</u>
2023240382	2023284104	2023265480	2023264827	<u>C22C 1 I/-</u>	2023247082
2023241908		<u>C12N 1 I/-</u>	2023266191	2023266608	<u>E01C 11 I/-</u>
2023243615	<u>C08J 11 I/-</u>	2023258061	2023269211		2023264090
2023243622	2022451924	2023264432	2023275671	<u>C22C 29 I/-</u>	<u>E01C 23 I/-</u>
2023243881	2023273444	2023264962	2023282907	2023266608	2023264090
2023244369		2023280623	2023298102	<u>C23C 18 I/-</u>	
2023245347	<u>C08J 3 I/-</u>		<u>C12N 9 I/-</u>	2023273988	<u>E01C 7 I/-</u>
2023247337	2022449348	<u>C12N 11 I/-</u>	2023259642	<u>C23F 11 I/-</u>	2023264090
2023247583	2023278726	2023255698	2023260425	2022449348	<u>E01F 15 I/-</u>
2023247654		2023239488	2023264432	<u>C25B 1 I/-</u>	2023265378
2023250038	<u>C08J 5 I/-</u>	2023239961	2023261324	2023262052	<u>E01F 9 I/-</u>
2023250992	2023259944	2023243459	2023262588	2023266038	2023265378
2023254190	2023284104	2023243881	2023266131	2023266064	
2023255229		2023246279	2023273018	2023270735	<u>E02D 13 I/-</u>
2023259251	<u>C08K 11 I/-</u>	2023247654	2023284048		2023287236
2023260822	2023263835	2023250649	<u>C12P 21 I/-</u>	<u>C25B 15 I/-</u>	<u>E02D 15 I/-</u>
2023260823	<u>C08L 27 I/-</u>	2023253657	2023250258	2023270735	2023287236
2023269021	2023259944	2023254114	2023258061		<u>E02D 27 I/-</u>
2023269545		2023257298	2023258798	<u>D01F 4 I/-</u>	2023266694
2023269546	<u>C08K 3 I/-</u>	2023258061	<u>C12Q 1 I/-</u>	2023272670	<u>E02D 5 I/-</u>
2023273018	2023265376	2023258798	2023244518		2023266694
2023273063	<u>C08K 5 I/-</u>	2023259390	2023245564	<u>D02G 3 I/-</u>	<u>E02D 7 I/-</u>
2023273998	2022451924	2023259642	2023247721	2023272670	
2023278302	<u>C08L 67 I/-</u>	2023260425	2023260011		
2023283681	2023265376	2023261324	2023261324	<u>D01F 4 I/-</u>	
2023293720		2023262588	2023262581		
	<u>C09D 5 I/-</u>	2023265040	2023266191		
<u>C07K 19 I/-</u>	2023263835	2023266131	2023272957		
2023247583	<u>C08L 27 I/-</u>	2023266191	2023280488		
2023254190	2023259944	2023267812	2023281871		
2023259611	<u>C08L 5 I/-</u>	2023269030	2023289659		
	2023284104	2023269211	2023307004		
<u>C07K 5 I/-</u>		2023269661			
2023241592	<u>C09D 7 I/-</u>	2023270499			
	2023265376	2023270809			
<u>C07K 7 I/-</u>					
2023262658	<u>C08F 14 I/-</u>				
	2023259944				
<u>C08F 14 I/-</u>					
2023259944	<u>C08F 16 I/-</u>				
	2023265376				
<u>C08F 16 I/-</u>					
2023259944					

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

<u>E02F 3 /-</u>	<u>E21B 25 /-</u>	<u>F04B 53 /-</u>	<u>F16L 41 /-</u>	<u>F24S 30 /-</u>	<u>G01C 9 /-</u>
2023243608	2023259682	2023265419	2023252861	2023242727	2023261931
			2023254782		2023265985
<u>E02F 5 /-</u>	<u>E21B 3 /-</u>	<u>F04C 29 /-</u>		<u>F24S 40 /-</u>	<u>G01D 5 /-</u>
2023243608	2023263583	2023242477	<u>F16L 53 /-</u>	2023242727	2023264255
	<u>E21B 33 /-</u>	<u>F04D 19 /-</u>	2023305897	<u>F24S 50 /-</u>	
<u>E02F 9 /-</u>	2023308964	2022457478	<u>F16L 55 /-</u>	2023242727	<u>G01F 1 /-</u>
2023243608					2023252018
2023323444	<u>E21B 34 /-</u>	<u>F04D 25 /-</u>	2023266675	<u>F24S 60 /-</u>	2023279541
<u>E04B 1 /-</u>	2023280294	2022457478	<u>F17C 3 /-</u>	2023242727	<u>G01F 15 /-</u>
	2023338767	2023260511			
2023358134		2023261892	2023252513	<u>F24S 80 /-</u>	2023252018
	<u>E21B 41 /-</u>	2023266955	2023254428		
<u>E04D 13 /-</u>		<u>F04D 27 /-</u>	<u>F17D 1 /-</u>	2023242727	<u>G01G 19 /-</u>
2023273965	2023273026			<u>F25B 47 /-</u>	2022473993
	2023273810	2023260511	2023260511		
<u>E04G 1 /-</u>	<u>E21B 43 /-</u>	2023261892	2023261892	2023275939	<u>G01H 7 /-</u>
		2023266955		2023276874	
2023287236	2023280294		<u>F17D 3 /-</u>		2023274022
	2023316568	<u>F04D 29 /-</u>		<u>F25B 49 /-</u>	
<u>E04G 19 /-</u>	2023338767		2023260511	2023275939	<u>G01J 3 /-</u>
		2022457478	2023261892		2023259682
2023259581	<u>E21B 47 /-</u>	2023266955	<u>F21K 9 /-</u>	<u>F25D 21 /-</u>	
		2023305897			<u>G01L 1 /-</u>
<u>E04G 21 /-</u>	2023273026	<u>F16B 45 /-</u>	2023265777	2023275939	
	2023308964			2023276874	2023264255
2023259581		2023284873	<u>F21S 4 /-</u>	<u>F25D 29 /-</u>	<u>G01L 19 /-</u>
<u>E04H 15 /-</u>	<u>E21B 7 /-</u>				
		<u>F16C 19 /-</u>	2023259577	2023275939	2023279541
2023296522	2023281719				
	<u>F01D 15 /-</u>	2023279117	<u>F21V 7 /-</u>	<u>F28F 17 /-</u>	<u>G01L 9 /-</u>
<u>E04H 4 /-</u>					
	2023260511	<u>F16C 33 /-</u>	2023265777	2023276874	2023279541
2023206211	2023261892		<u>F23D 3 /-</u>		
2023206213		2023279117		<u>F41G 1 /-</u>	<u>G01M 11 /-</u>
<u>E04H 6 /-</u>	<u>F01K 25 /-</u>	<u>F16D 1 /-</u>	2023243316		2023264255
				2023242903	
2023275850	2023256513	2023263583	<u>F23Q 25 /-</u>	2023245705	<u>G01M 3 /-</u>
	<u>F01K 3 /-</u>			2023249595	
<u>E05B 67 /-</u>		<u>F16D 3 /-</u>	2023243316	<u>F41G 3 /-</u>	2023266675
					2023279378
2023244584	2023256513	2022455078	<u>F24F 11 /-</u>	2023245705	
	<u>F02C 6 /-</u>				<u>G01N 1 /-</u>
<u>E06B 7 /-</u>		<u>F16H 7 /-</u>	2023270990	<u>G01B 11 /-</u>	
	2023260511		2023275939		2023268596
2023268401	2023261892	2023258675	2023276874		
				2023259675	<u>G01N 15 /-</u>
<u>E06C 5 /-</u>	<u>F02G 1 /-</u>	<u>F16K 11 /-</u>	<u>F24F 13 /-</u>	2023259682	
				2023260693	2023267251
2023260261	2023242727	2023280294	2023268401	2023262212	
					<u>G01N 21 /-</u>
<u>E21B 17 /-</u>	<u>F03D 15 /-</u>	<u>F16K 5 /-</u>	<u>F24F 7 /-</u>	<u>G01B 9 /-</u>	
					2023251946
2023264275	2022455078	2023252861	2023273965	2023267682	2023259682
2023272774					2023272016
2023273988	<u>F04B 11 /-</u>	<u>F16L 1 /-</u>	<u>F24S 10 /-</u>	<u>G01C 1 /-</u>	
2023281719					<u>G01N 27 /-</u>
	2023267251	2023262243	2023242727	2023261931	
<u>E21B 19 /-</u>		2023264275			2023268596
	<u>F04B 23 /-</u>		<u>F24S 20 /-</u>	<u>G01C 11 /-</u>	
2023263583		<u>F16L 37 /-</u>			<u>G01N 3 /-</u>
2023272774	2023265419		2023242727	2023261931	
		2023252861	<u>F24S 23 /-</u>	<u>G01C 5 /-</u>	2023268596
<u>E21B 21 /-</u>	<u>F04B 39 /-</u>	2023254782			
			2023242727	2023261931	<u>G01N 30 /-</u>
2023263912	2023242477	<u>F16L 39 /-</u>			
					2023245599
		2023305897			

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

<u>G01N 33 /-</u>	<u>G03G 21 /-</u>	<u>G06N 20 /-</u>	<u>G07F 11 /-</u>	<u>H01J 61 /-</u>	<u>H02J 50 /-</u>
2023243622	2023283201	2023259760	2023269220	2022459256	2023248726
2023244369		2023260793		<u>H01J 65 /-</u>	<u>H02J 7 /-</u>
2023247583	<u>G05D 1 /-</u>	2023269021	<u>G07F 17 /-</u>		
2023250038		2023275939		2022459256	2023243021
2023259682	2022473993		2023269220	<u>H01L 27 /-</u>	<u>H02K 11 /-</u>
2023260469	2023261931	<u>G06N 3 /-</u>	<u>G08G 1 /-</u>	2023296370	2023266955
2023278302	2023262096	2023260793			
2023307004	2023263680	2023275939	2023323444	<u>H01L 29 /-</u>	<u>H02M 3 /-</u>
2023308198	<u>G05D 23 /-</u>	2023276874	<u>G09B 29 /-</u>		
<u>G01N 35 /-</u>	2023275939	<u>G06Q 10 /-</u>	2023260793	2023296370	2023263850
2023300354	<u>G06F 1 /-</u>	2022452286	<u>G10L 19 /-</u>	<u>H01L 31 /-</u>	<u>H02M 7 /-</u>
<u>G01N 5 /-</u>	2023270147	2023295909		2022451937	2023263850
2022456930	<u>G06F 16 /-</u>	<u>G06Q 20 /-</u>	2022457156	2023355448	<u>H02S 10 /-</u>
<u>G01R 31 /-</u>		2023248399	<u>G12B 17 /-</u>	2023386275	
2023262058	2023242908	2023256282		<u>H01M 10 /-</u>	2023249397
	2023260793	<u>G06Q 30 /-</u>	2023282952	2023243021	<u>H02S 20 /-</u>
<u>G01S 11 /-</u>	<u>G06F 17 /-</u>	2022452286	<u>G16B 15 /-</u>	2023270179	2023249397
2023243610	2023260793	2022457748	2023269021	2023279014	<u>H02S 40 /-</u>
<u>G01S 15 /-</u>	<u>G06F 21 /-</u>	2023259233	<u>G16H 10 /-</u>	2023280138	
2023261855	2023248399	2023260436		<u>H01M 4 /-</u>	2023270735
		2023284164	2023247751	2023259944	<u>H03F 19 /-</u>
<u>G01V 1 /-</u>	<u>G06F 3 /-</u>	<u>G06Q 40 /-</u>	2023298531	2023262052	
2023262297	2022457748	2023248399	<u>G16H 15 /-</u>	2023270179	2023273554
				2023279014	
<u>G01V 8 /-</u>	<u>G06F 30 /-</u>	<u>G06Q 50 /-</u>	2023259165	<u>H01M 50 /-</u>	<u>H04B 1 /-</u>
2023259682	2023248375	2023272016	<u>G16H 20 /-</u>	2023245215	2023265724
2023269220	2023259760	2023275259	2022449945	2023262052	<u>H04B 10 /-</u>
		2023282683	2022458180	2023280138	
<u>G02B 23 /-</u>	<u>G06K 15 /-</u>	<u>G06T 11 /-</u>	2023298531	<u>H01M 8 /-</u>	2023269677
2023242903	2023268571	2023260436	2023315070		2023282952
<u>G02B 27 /-</u>	<u>G06K 17 /-</u>	<u>G06T 17 /-</u>	<u>G16H 40 /-</u>	2023253645	2023350604
2023245705	2023259675	2023248375		2023259944	<u>H04B 3 /-</u>
2023261954	2023260693	2023260436	2022458180	2023260689	2023286693
2023350604	2023262212		2023247751	2023262058	
	2023268571	<u>G06T 19 /-</u>	2023315070	<u>H01R 39 /-</u>	<u>H04L 12 /-</u>
<u>G02C 7 /-</u>	<u>G06K 19 /-</u>	2022457748	<u>G16H 50 /-</u>	2023275977	2023314726
2023309968	2023268571	2023260436	2022449945	<u>H01S 3 /-</u>	<u>H04L 47 /-</u>
2023409721			2023244234	2023350604	2023254599
2023409811	<u>G06K 5 /-</u>	<u>G06T 5 /-</u>	2023247751	<u>H02G 1 /-</u>	<u>H04L 61 /-</u>
2023409813	2023268571	2024203960	2023259165	2023300712	2023314726
<u>G02F 1 /-</u>	2023268571	<u>G06T 7 /-</u>	2023281435	<u>H02G 9 /-</u>	<u>H04L 67 /-</u>
2023269677	<u>G06K 7 /-</u>	2022453440	2023298531	2023300712	2023314721
2023350604	2023259675	2023241595	<u>G21G 1 /-</u>	<u>H02J 13 /-</u>	<u>H04L 69 /-</u>
<u>G03B 11 /-</u>	2023260693	2023248375	2023272934	2024220739	2023314726
2023242903	2023262212	2023260793	<u>G21G 4 /-</u>		
	2023268571	2023261931		<u>H02J 3 /-</u>	<u>H04L 9 /-</u>
<u>G03B 37 /-</u>	<u>G06N 10 /-</u>	2023297833	<u>H01B 1 /-</u>	2022464765	2023248399
2023275939	2023267682	2024203960	2023259944	2024220739	2023256282
<u>G03G 15 /-</u>	2023269677	<u>G06V 10 /-</u>			2023262024
2023283201	2023273554	2023261931			
	2023282952	2023275939			
	2023296370	2024203960			

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

H04N 13 /-

2023241595
2023248375

H04N 19 /-

2023282788
2023283534

H04N 21 /-

2023275259
2023282788
2023358945

H04R 29 /-

2023274022

H04W 28 /-

2022450361
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H04W 36 /-

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H04W 4 /-

2023258986

H04W 52 /-

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B01D 63/06 (2006.01)
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 (51) Int. Cl.
F01K 13/00 (2006.01)
C10J 3/72 (2006.01)
F01K 23/10 (2006.01)
F02C 3/28 (2006.01)
F02C 3/34 (2006.01)
F02C 6/18 (2006.01)
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A61K 9/10 (2006.01)
A61K 31/19 (2006.01)
A61K 47/38 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 21/00 (2006.01)
A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
C08J 3/075 (2006.01)
C08K 5/09 (2006.01)
C08L 1/28 (2006.01)
C08L 5/08 (2006.01)
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F04D 15/00 (2006.01)
E21B 43/12 (2006.01)
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B05B 17/04 (2006.01)
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A61K 39/00 (2006.01)
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C07K 16/28 (2006.01)

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A61P 35/00 (2006.01)
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C07D 239/95 (2006.01)
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 (51) Int. Cl.
F16B 45/00 (2006.01)
A47G 25/06 (2006.01)

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A61M 5/32 (2006.01)
A61B 5/153 (2006.01)
A61M 5/31 (2006.01)
A61M 25/06 (2006.01)
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A61K 35/17 (2015.01)
C12N 5/0783 (2010.01)
C12N 15/113 (2010.01)
C12N 15/66 (2006.01)
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C12N 15/85 (2006.01)
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C09D 5/00 (2006.01)
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G06T 17/00 (2006.01)
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A47C 7/72 (2006.01)
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C08J 5/18 (2006.01)
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F41H 13/00 (2006.01)
F42B 12/36 (2006.01)
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A61P 25/14 (2006.01)
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F42B 10/26 (2006.01)
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F42B 10/62 (2006.01)
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(54) INDEXING TOOL SYSTEM FOR A RESOURCE EXPLORATION AND RECOVERY SYSTEM
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E21B 34/14 (2006.01)
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F24S 10/40 (2018.01)
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C08F 2/16 (2006.01)
C09D 133/00 (2006.01)
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A61K 9/08 (2006.01)
A61J 1/05 (2006.01)
A61J 1/06 (2006.01)
A61K 31/4015 (2006.01)
A61K 47/02 (2006.01)
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G06V 10/25 (2022.01)
G06V 10/82 (2022.01)
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A61K 47/42 (2017.01)
A61P 35/00 (2006.01)
C07K 7/08 (2006.01)
C12N 5/07 (2010.01)
C12N 5/10 (2006.01)
C12N 9/22 (2006.01)
C12N 15/00 (2006.01)
C12N 15/09 (2006.01)
C12N 15/11 (2006.01)
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A61P 35/02 (2006.01)
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A61M 1/16 (2006.01)
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H02G 9/04 (2006.01)
H02G 1/06 (2006.01)
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G01N 33/543 (2006.01)
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C08G 59/62 (2006.01)

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A61K 31/519 (2006.01)

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F16B 7/18 (2006.01)
E04C 5/16 (2006.01)
E04B 1/58 (2006.01)
F16B 31/02 (2006.01)
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E01C 11/02 (2006.01)
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C07D 471/04 (2006.01)
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F25B 9/14 (2006.01)
F17C 13/08 (2006.01)
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C08G 18/83 (2006.01)
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C08G 18/42 (2006.01)
C08G 18/44 (2006.01)
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C08L 75/04 (2006.01)
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G06K 19/06 (2006.01)
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B64C 29/04 (2006.01)
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C22C 38/00 (2006.01)
C21D 7/10 (2006.01)
C21D 9/08 (2006.01)
C22C 38/58 (2006.01)
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A23B 7/154 (2006.01)
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A61B 5/107 (2006.01)
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G01B 3/10 (2020.01)
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A61B 17/70 (2006.01)
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A61F 2/30 (2006.01)
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G01R 31/392 (2019.01)
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F23D 14/02 (2006.01)
F23C 3/00 (2006.01)
F23D 14/24 (2006.01)
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G02B 27/14 (2006.01)
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A61K 31/10 (2006.01)
A61K 31/451 (2006.01)
A61K 31/66 (2006.01)
A61P 35/00 (2006.01)
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F17C 13/00 (2006.01)
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 Shunsuke
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 and resistance band assembly for use
 therewith
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A63B 21/02 (2006.01)
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 method of utilizing the same and food
 product formed therefrom
 (51) Int. Cl.
A23L 5/40 (2016.01)
A23J 3/26 (2006.01)
A23L 33/10 (2016.01)
A23P 30/20 (2016.01)
A23P 30/25 (2016.01)
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 methods of use thereof
 (51) Int. Cl.
A61K 38/00 (2006.01)
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 USING SPRING THRUST, METHOD
 FOR LAUNCHING DRONES USING
 THIS DEVICE, AND TOOL FOR IM-
 PLEMENTING THIS METHOD
 (51) Int. Cl.
B64F 1/06 (2006.01)
B64U 70/70 (2023.01)
B64U 80/70 (2023.01)
F41B 7/08 (2006.01)
F41F 7/00 (2006.01)
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G01B 5/00 (2006.01)
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 trol method
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E02F 9/26 (2006.01)
G01B 11/00 (2006.01)
G06T 19/00 (2011.01)
H04N 7/18 (2006.01)
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 method
 (51) Int. Cl.
E02F 9/26 (2006.01)
G01B 11/00 (2006.01)
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G08G 1/01 (2006.01)
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B01D 53/62 (2006.01)
C12M 1/00 (2006.01)
C12N 1/20 (2006.01)
C12P 5/02 (2006.01)
C12P 7/18 (2006.01)
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H01R 12/50 (2011.01)
H01R 12/70 (2011.01)
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POSITION AND METHOD FOR
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A61K 8/41 (2006.01)
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G06F 9/48 (2006.01)
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A61K 33/26 (2006.01)
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A61P 1/16 (2006.01)
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C12N 9/10 (2006.01)
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A61P 29/00 (2006.01)

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A61P 37/06 (2006.01)

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2018220056	AECI Mining Limited	2018422185	Xuzhou XCMG Environment Technology Co., Ltd.
2018224711	Elanco US Inc.	2018422687	BL Technologies, Inc.
2018225102	Regeneron Pharmaceuticals, Inc.	2018434236	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018235772	Intrinsic Lifesciences LLC	2018434575	Metso Outotec Finland Oy
2018237046	Cancer Therapeutics Laboratories, Inc.	2018435310	Metso Outotec Finland Oy
2018237799	Merz Pharma GmbH & Co. KGaA	2018441463	Symrise AG
2018243104	Beijing Hanmi Pharm. Co., Ltd.	2018443014	IJTT Co., Ltd.
2018250469	Neilsen, E.; Neilsen, K.; Saelman, D.	2018445455	KONE Corporation
2018271314	ALSTOM Holdings	2018445604	KONE Corporation
2018273844	Liquid Biopsy Research LLC	2018456008	Kimberly-Clark Worldwide, Inc.
2018280750	Probi AB	2019200074	The Boeing Company
2018282444	Deere & Company	2019200098	Deere & Company
2018287169	NEOGAP Therapeutics AB	2019200299	Shearwell Data Limited
2018292438	Zymeworks BC Inc.	2019200870	Guinea, J.
2018296568	Medicover Public Co Ltd	2019200954	KSB SAS
2018297856	Fuso Pharmaceutical Industries, Ltd.; Yamada, K.	2019201609	K2M, Inc.
2018301395	Universal Stabilization Technologies, Inc.	2019201759	Halliburton Energy Services, Inc.
2018303064	Xiamen University; Yang Sheng Tang Company, Ltd.	2019203506	The Raymond Corporation
2018310410	Tsinghua University; Beijing Protgen Ltd.	2019203591	Howmedica Osteonics Corp.
2018311981	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology	2019204226	Llance & Lain Investments Pty Ltd
2018313149	Phio Pharmaceuticals Corp.	2019204986	CUP&CINO Kaffeessystem-Vertrieb GmbH & Co. KG
2018315012	Spinetic Energy Limited	2019206649	Nutrae, LLC
2018315428	Boehringer Ingelheim International GmbH	2019206651	Nutrae, LLC
2018320417	Bavarian Nordic A/S	2019206652	ENB Therapeutics, Inc.
2018328120	Regeneron Pharmaceuticals, Inc.	2019206895	Delta Tooling Co., Ltd.; Hiroshima University
2018334039	Nomad Bioscience GmbH	2019206921	Triastek, Inc.
2018335083	Tillotts Pharma AG	2019207515	Eye Co Pty Ltd
2018335362	Lexogen GmbH	2019207642	IDEXX Laboratories, Inc.
2018335409	PartWorks, LLC	2019207703	Cibus US LLC; Cibus Europe B.V.
2018346310	Fluidmaster, Inc.	2019208100	Collidion, Inc.
2018350213	LettUs Grow Ltd	2019208137	Stimaire, Inc.
2018353112	Collectis	2019208396	Leukos Biotech, S. L.
2018353813	Université de Montréal; Domain Therapeutics	2019209655	MacDon Industries Ltd.
2018354432	IntuiTap Medical, Inc.	2019209934	Site Saver, Inc.
2018357861	ADOC SSF, LLC	2019210699	Byrne, J.
2018359635	Syddansk Universitet	2019211224	GW Research Limited
2018362268	Valmont Industries, Inc.	2019212085	Electrolux Appliances Aktiebolag
2018363837	Silence Therapeutics GmbH	2019212363	CTC Global Corporation
2018363883	Meizon Innovation Pty Ltd	2019212649	Align Technology, Inc.
2018366083	Polyplastic Group B.V.	2019213029	PrecisionBiotics Group Limited; University College Cork - National University of Ireland, Cork
2018366106	TARIS Biomedical LLC	2019213277	Evero
2018366214	Allergan, Inc.	2019213417	Montajes Electronicos Dorcas, S.L.
2018367660	Next Science IP Holdings Pty Ltd	2019217995	Bruin Biometrics, LLC
		2019218798	Baylor University; Scott & White Healthcare

Applications Accepted - Numerical Index cont'd

2019219291	Global Life Sciences Solutions USA LLC	2019297538	BWAY Corporation
2019219392	ADDA, J.	2019298758	Metrion Biosciences Limited
2019219586	Panacea Quantum Leap Technology LLC	2019298824	Trojan Technologies Group ULC
2019220062	Sinew Pharma Inc.	2019300085	Haldor Topsøe A/S
2019221478	Victaulic Company	2019301449	Ecoglo International Limited
2019222480	Microbiogen Pty. Ltd.; Novozymes A/S	2019301845	Suez International
2019222508	NovoBiotic Pharmaceuticals, LLC	2019306628	SURFACE ONCOLOGY, LLC
20192225451	Rio Tinto Alcan International Limited	2019309776	Zenbiv LLC
2019225763	Depuy Ireland Unlimited Company	2019312034	Audeara Pty Ltd
2019225810	Presidio Medical, Inc.	2019312200	Heidelberg Pharma Research GmbH
2019225893	Orion Innovations Inc	2019312609	Benthic USA LLC
2019226303	Marantec Antriebs-und Steuerungstechnik GmbH & Co. KG	2019313330	XR Reserve LLC
2019228022	Precision Planting LLC	2019314482	Weir Slurry Group, Inc.
2019230476	Evonik Canada Inc.	2019314515	Trustees of Boston University
2019231200	Tigercat Industries Inc.	2019316742	Omnispirant Limited
2019231680	Joy Global Underground Mining LLC	2019318562	LN1 INC.
2019232674	Fresenius Medical Care Holdings, Inc.	2019319672	Jupeng Bio (HK) Limited
2019234857	American Nano, LLC	2019321019	Subsea 7 Norway AS
2019235491	Saint-Gobain Isover	2019322292	China Petroleum & Chemical Corporation; Research Institute of Petroleum Processing, Sinopec
2019235492	Saint-Gobain Isover	2019323183	Alma Therapeutics Ltd.
2019235611	Open Airway Dental Solutions Ltd	2019323945	Animal Control Technologies (Australia) Pty Ltd; The United States of America, as Represented by the Secretary of Agriculture
2019236716	Pentair Water Pool and Spa, Inc.	2019324040	Mitsubishi Gas Chemical Company, Inc.; Tohoku Techno Arch Co., Ltd.
2019236860	Intra-Cellular Therapies, Inc.	2019324172	Zoetis Services LLC
2019237138	AlgiPharma AS	2019324522	Asceneuron S. A.
2019237251	Austria Metall GmbH	2019325343	Zoetis Services LLC
2019237295	Beard, G.; Forsyth, M.	2019325447	Pride Mobility Products Corporation
2019240762	Verton IP Pty Ltd	2019327293	Heineken Supply Chain B.V.
2019242554	Zoetis Services LLC	2019328730	Quick Play Sport Ltd
2019242863	Suntory Holdings Limited	2019331034	NAUTILUS HOOKS LIMITED
2019243822	National University of Singapore; Agency for Science, Technology and Research	2019335450	Tyligand Bioscience (Shanghai) Limited
2019244358	HS Vision Ltd	2019336495	Comnovo GmbH
2019244944	M.E.P. Macchine Elettroniche Piegatrici S.p.A.	2019336760	D'Amico, B.M.; D'Amico Jr., F.J.
2019246196	GE Healthcare AS	2019337582	EFFECT Photonics B.V.
2019246850	CATERPILLAR GLOBAL MINING EQUIPMENT LLC	2019337671	Cara Therapeutics, Inc.
2019247408	Avalon Polymills (HK) Limited	2019338447	ChemStone, Inc.
2019250244	Cobalt Extreme Pty Ltd	2019340456	Scancell Limited
2019253212	Biotest AG	2019340767	Dizal (Jiangsu) Pharmaceutical Co., Ltd.
2019253807	MAC Valves, Inc.	2019341456	Hilti Aktiengesellschaft
2019255720	T6 Health Systems LLC	2019341588	Electrolux Appliances Aktiebolag
2019261411	SHANGHAI KANGABIO CO., LTD	2019341613	Vacuum Insulation Solutions Oy
2019263099	Colorobbia Consulting S.r.l.	2019342006	Kostecki, A.
2019264566	FCI Holdings Delaware, Inc.	2019342351	Hilti Aktiengesellschaft
2019267690	Niagara Bottling, LLC	2019346823	ChemStone, Inc.
2019269683	The Regents of the University of California	2019351145	Techhold, LLC
2019269701	Bard Peripheral Vascular, Inc.	2019351665	BAE Systems Information and Electronic Systems Integration Inc.
2019270119	Henkel AG & Co. KGaA	2019353002	Lunella Biotech, Inc.
2019270548	Lesaffre et Compagnie	2019353530	RUDD, A.
2019271033	Kellanova	2019355195	Span.IO, Inc.
2019271387	The Coca-Cola Company	2019355577	SWM Luxembourg
2019273850	Kartos Therapeutics, Inc.	2019355791	Becton, Dickinson and Company
2019275194	Komatsu Forest AB	2019356134	Philip Morris Products S.A.
2019275406	Celanese Eva Performance Polymers LLC	2019356777	Dow Global Technologies LLC
2019275485	Parklink Developments	2019356951	Gambro Lundia AB
2019275944	Innovgas Pty Ltd	2019357036	Indivior UK Limited
2019276067	Mölnlycke Health Care AB	2019365117	Artroa AB
2019278986	Yale University	2019365654	University of Pittsburgh - Of the Commonwealth System of Higher Education
2019279959	Dormer, K.	2019365823	Amsted Rail Company, Inc.
2019280926	Toray Industries, Inc.	2019373206	MyoKardia, Inc.
2019282028	Rheinfelden Carbon GmbH & Co.KG	2019375390	ExxonMobil Research and Engineering Company
2019283299	Hilti Aktiengesellschaft	2019380489	Sandvik Mining and Construction Tools AB
2019284234	9500-0535 Quebec Inc.	2019382115	IKM Ocean Team A/S
2019284446	Daifuku Co., Ltd.	2019382504	Sironax Ltd
2019286437	Maschinenfabrik Reinhausen GmbH	2019383049	The University of Adelaide
2019286750	Coloplast A/S	2019386558	Aker Carbon Capture Norway AS
2019289228	UCL Business Ltd	2019387561	YAE, LLC
2019289918	Moixa Energy Holdings Limited	2019390047	Nipro Corporation
2019290026	Chrysos Corporation Limited		
2019290033	Tecta Pty Ltd		
2019291481	Alcon Inc.		
2019291945	Dechra Limited		

Applications Accepted - Numerical Index cont'd

2019390081	Suntory Holdings Limited	2020385034	Xi'an Xintong Pharmaceutical Research Co., Ltd.
2019391029	Mallinckrodt Hospital Products IP Unlimited Company	2020385244	Artemis Technologies Limited
2019392558	Boston Scientific Scimed, Inc.	2020388682	Tesla, Inc.
2019392638	Bischof + Klein SE & Co. KG.	2020391950	Mathys AG Bettlach
2019392759	RapidDeploy, Inc.	2020399657	Badge Inc.
2019402139	Janssen Pharmaceuticals, Inc.	2020400801	ABL BIO, Inc.
2019402769	Avent, Inc.	2020401160	RemeGen Co., Ltd.
2019404617	CarbonX Developments Pty Ltd	2020418666	LG Electronics Inc.
2019406425	Outokumpu Oyj	2020434699	Zhongkenongfu (Beijing) Biotechnology Co., Ltd
2019406665	Avent, Inc.	2020445667	Beijing Goldwind Science & Creation Windpower Equip- ment Co., Ltd.
2019414285	EUSTRALIS PHARMACEUTICALS LIMITED (TRAD- ING AS PRESSURA NEURO)	2020451269	R-S OSA Service OÜ
2019417426	Avent, Inc.	2020451729	China Railway Baoji Bridge Group Co., Ltd
2019418760	Itron, Inc.	2020480538	HANSHOW TECHNOLOGY CO., LTD.
2019420405	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2021200957	Holloway NDT & Engineering Inc.
2019421719	VusionGroup GmbH	2021202702	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
2019426298	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2021203106	Hanmi Pharm. Co., Ltd.
2019429147	Prothena Biosciences Limited; Tufts Medical Center, Inc.	2021203458	Genzyme Corporation
2019434303	Symrise AG	2021203542	The Regents of the University of California
2019441037	Platform Innovations Inc.	2021203627	QU Biologics Inc.
2019457395	Halliburton Energy Services, Inc.	2021204339	MedImmune Limited
2019459420	Halliburton Energy Services, Inc.	2021204596	Genentech, Inc.
2020200625	Idemia Identity & Security France	2021204784	Vanda Pharmaceuticals Inc.
2020202155	The OCAM Group Pty Ltd	2021205051	NaNotics, LLC
2020206304	Kal-Fire Beheer B.V.	2021212041	DEVELOPMENT CENTER FOR BIOTECHNOLOGY; NATIONAL HEALTH RESEARCH INSTITUTES
2020207365	Becton, Dickinson and Company	2021212057	Beyond Meat, Inc.
2020207989	Nipro Corporation	2021212060	Children's Hospital Medical Center
2020208413	Subramaniam, T.	2021216555	Dailycolors Health Inc.
2020208448	Becton, Dickinson and Company	2021221712	Illinois Tool Works Inc.
2020208832	Ap2E	2021225696	Rznomics Inc.
2020209347	Reflection Marine Norge AS	2021226056	Gebrüder Linck Maschinenfabrik "Gatterlinck" GmbH & Co. KG
2020209867	Salford Group Inc	2021229250	Regeneron Pharmaceuticals, Inc.
2020209991	Immunocore Limited	2021231901	Axon Enterprise, Inc.
2020210375	Sony Interactive Entertainment Inc.	2021236742	Welldoc, Inc.
2020213767	Integra LifeSciences Enterprises, LLLP	2021238300	Tesla, Inc.
2020216128	Tesla, Inc.	2021239220	Phase Scientific International, Ltd.
2020217596	Ensto Oy	2021239762	Abion Inc.; Seoul National University R&DB Foundation
2020218107	Ensto Oy	2021240329	Mesoblast International Sarl
2020218503	Crown Equipment Corporation	2021244351	Baker Hughes Oilfield Operations LLC
2020218617	Just A New Health	2021250298	Inventio AG
2020219470	Microtec S.r.L.	2021255782	GFD Gesellschaft für Diamantprodukte mbH; The Gil- lette Company LLC
2020220889	Professional Dietetics S.p.A.	2021256883	GFD Gesellschaft für Diamantprodukte mbH; The Gil- lette Company LLC
2020226339	Bridge Pharma, Inc.	2021257933	Thundaflo Limited
2020227620	IPH International Pty Ltd	2021259042	LG Electronics Inc.
2020228377	PercAssist, Inc.	2021261807	Smilebiotech Guangzhou Limited
2020228819	Yoshino Gypsum Co., Ltd.	2021268496	LG Electronics Inc.; Unist(Ulsan National Institute of Science and Technology)
2020233532	LigaChem Biosciences Inc.; Y-Biologics Inc.	2021268903	Fertin Pharma A/S
2020233643	Angel Group Co., Ltd.	2021271349	Godavari Biorefineries Limited
2020236015	Genentech, Inc.	2021271686	LG Electronics Inc.
2020249811	Tóth, K.; Várdai, I.	2021275675	GlaxoSmithKline Consumer Healthcare Holdings (US) LLC
2020259427	CareFusion 303, Inc.	2021282281	Graphic Packaging International, LLC
2020277300	Carl Zeiss Meditec Cataract Technology Inc.	2021283853	Sage Products LLC
2020289843	OilQuick Deutschland KG	2021285853	MonoSol, LLC
2020291457	The Regents of the University of California; University of Southern California	2021289063	Valio Oy
2020292322	Oceana Energy Company	2021290126	Svejkovsky, P.
2020294089	Geier, M.	2021290601	Beijing Goldwind Science & Creation Windpower Equip- ment Co., Ltd.
2020302101	CareFusion 303, Inc.	2021291392	Raymond Solar AB
2020310058	Northrop Grumman Systems Corporation	2021293911	Basilea Pharmaceutica International AG, Allschwil
2020314455	Virewirx, Inc.	2021296855	Pfizer Inc.
2020317501	Asahi Group Holdings, Ltd.; Tokushima University	2021299575	Baker Hughes Oilfield Operations LLC
2020334060	UCB Biosciences, Inc.	2021300197	CamelBak Products, LLC
2020357711	Owens-Brockway Glass Container Inc.	2021304167	i-Sens, Inc.
2020360970	Domain Therapeutics	2021306500	ATLAS ELEKTRONIK GmbH; thyssenkrupp AG
2020369848	National Oilwell Varco, LP.	2021306949	LG Electronics Inc.
2020370260	Skeletal Dynamics, Inc.	2021310493	UOP LLC
2020374859	Kongsberg Maritime Inc.		
2020374947	Forty Seven, Inc.		
2020378420	Abilene Christian University		

Applications Accepted - Numerical Index cont'd

2021310497	EBT MEDICAL INC.; John, M.	2022201145	Momenta Pharmaceuticals, Inc.
2021311081	Nicoventures Trading Limited	2022201165	The Broad Institute, Inc.; Massachusetts Institute of Technology
2021312621	CG Bio Co., Ltd.		Boyle, N.
2021324263	Modus One GmbH	2022201952	Ospedale San Raffaele S.r.l.; Fondazione Telethon
2021329841	Huawei Technologies Co., Ltd.	2022202407	Aristocrat Technologies Australia Pty Limited
2021338535	NUBART GMBH	2022202760	Transportation IP Holdings, LLC
2021340967	Baker Hughes Oilfield Operations LLC	2022203224	Intrexon Corporation; Serturmer Corp.
2021342148	Kyocera Senco Industrial Tools, Inc.	2022203287	Arla Foods Amba
2021343392	Boston Scientific Scimed, Inc.	2022203291	Hickory Design Pty Ltd
2021348634	Nitto Kohki Co., Ltd.	2022204051	FISHER & PAYKEL HEALTHCARE LIMITED
2021351853	INVENTIO AG	2022204194	SharkNinja Operating LLC
2021352215	Komatsu Ltd.	2022204276	Orthopediatrics Corp.
2021354304	Komatsu Ltd.	2022204411	Fisher & Paykel Healthcare Limited
2021359816	UNILEVER GLOBAL IP LIMITED	2022204436	Laboratoire Francais du Fractionnement et des Biotechnologies
2021359995	KOMATSU LTD.	2022204834	LG CHEM, LTD.
2021361366	Panasonic Intellectual Property Management Co., Ltd.	2022205343	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021363089	VECTURA DELIVERY DEVICES LIMITED	2022206071	REGENERON PHARMACEUTICALS, INC.
2021364235	WON KWANG S&T CO.,LTD.		ELI LILLY AND COMPANY
2021365462	NUC Electronics Co., Ltd.	2022206271	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
2021370486	BAKER HUGHES OILFIELD OPERATIONS LLC	2022206659	HUAWEI TECHNOLOGIES CO., LTD.
2021372291	DAKTRONICS, INC.	2022207540	Merck Sharp & Dohme Corp.
2021373196	THE GILLETTE COMPANY LLC		Fisher & Paykel Healthcare Limited
2021374667	ZEBRA TECHNOLOGIES CORPORATION	2022208946	MINGHUI PHARMACEUTICAL (HANGZHOU) LIMITED; MINGHUI PHARMACEUTICAL (SHANGHAI) LIMITED
2021378793	GENENTECH, INC.	2022209360	Houghton Leisure Products Pty Ltd
2021379233	NIPPON STEEL CORPORATION	2022211904	FRESHLIGHT SAFED PTY LTD
2021380724	HILL'S PET NUTRITION, INC.	2022212854	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2021384762	AVERY DENNISON CORPORATION		JFE STEEL CORPORATION
2021390006	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2022218611	Flat Pty Ltd
2021392816	CALIX LTD	2022220752	WONDERLAND SWITZERLAND AG
2021393776	TOTALENERGIES ONETECH	2022221385	Eli Lilly and Company
2021395126	SUNRESIN NEW MATERIALS CO. LTD.	2022221570	Momentis Surgical Ltd
2021395741	KONINKLIJKE DOUWE EGBERTS B.V.	2022223921	KOMATSU LTD.
2021397843	NESTE OYJ	2022224745	Implantica Patent Ltd
2021398387	Egnis Inc.	2022225168	BRAUN GMBH
2021400482	POSCO CO., LTD	2022226290	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2021402019	VETCO GRAY SCANDINAVIA AS	2022226341	PAPAIR GMBH
2021403606	GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED	2022226500	KOMATSU LTD.
		2022227496	HOWMEDICA OSTEONICS CORP.
2021404116	DYSON TECHNOLOGY LIMITED	2022227808	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021408214	INNOVENT BIOLOGICS (SUZHOU) CO., LTD.		1934612 Ontario Inc.
2021409822	BOSTON SCIENTIFIC SCIMED, INC.	2022228133	LIW Patent Company Limited by Guarantee
2021410532	TAN, K.T.K.	2022228183	BOSTON SCIENTIFIC SCIMED, INC.
2021411937	KAO USA INC.	2022228566	Aristocrat Technologies Australia Pty Limited
2021412417	STICK TECH OY	2022231792	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2021412432	VRG THERAPEUTICS KFT.	2022231924	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2021416610	BOLY MEDIA COMMUNICATIONS (SHENZHEN) CO., LTD.	2022233418	KAWASAKI JUKOGYO KABUSHIKI KAISHA
		2022234069	Trainsphere Holdings LLC
2021416836	CLJI WORLDWIDE, LLC	2022234382	Hitachi Energy Ltd
2021419198	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022235328	Unger, E.; Nuvox Pharma LLC
		2022235555	ZTE CORPORATION
2021420124	Cj Cheiljedang Corporation	2022237265	PRG S&TECH INC.
2021421598	PRAXAIR TECHNOLOGY, INC.	2022239069	HOWMEDICA OSTEONICS CORP.
2021429297	KOMATSU LTD.	2022240057	JFE STEEL CORPORATION
2021431479	SIEMENS GAMESA RENEWABLE ENERGY A/S	2022240798	BAKER HUGHES ENERGY TECHNOLOGY UK LIMITED
2021432360	NIPPON STEEL CORPORATION		Minerva Neurosciences, Inc.
2021435103	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	2022241458	WEBER-STEPHEN PRODUCTS LLC
		2022245111	OCULOGICA INC
2021436355	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2022246401	Nektar Therapeutics
		2022246440	ZAZZLE INC.
2021439429	HAINING PLUS ELECTRONIC TECHNOLOGY CO., LTD.	2022247245	Opex Corporation
		2022252707	Kayezen, LLC
2021441719	WEBER-STEPHEN PRODUCTS LLC	2022252724	Trevelyan Trading Ltd
2021443986	EQUINIX, INC.	2022252794	MORAN, O.A.
2021444698	ULRICH GMBH & CO. KG	2022252817	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2021448036	HEGDE, S.	2022253251	
2021450042	LG ELECTRONICS INC.		
2021451504	FUJITSU LIMITED		
2021458880	MITSUBISHI ELECTRIC CORPORATION		
2021463477	JIANGSU HENG TONG POWER CABLE CO., LTD		
2022200025	UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH		
2022201010	ProKidney		

Applications Accepted - Numerical Index cont'd

2022253493	LANZATECH, INC.	2023201029	LanzaTech, Inc.
2022254777	LANZATECH, INC.	2023201117	Fisher and Paykel Healthcare Limited
2022259718	Total Marketing Services; Maxeon Solar Pte. Ltd.	2023201419	E6PR S.A.P.I. DE C.V.
2022259727	Murphy, W.S.; Murphy, S.B.	2023201512	Panasonic Intellectual Property Corporation of America
2022259809	AHF, LLC	2023201520	ConMed Corporation
2022263490	Visual Physics, LLC; Crane Security Technologies, Inc.	2023201737	Tencent America LLC
2022263597	Cerocchi, D.	2023201827	Apple Inc.
2022266191	Solar Foods Oyj	2023201950	Veer Gear, LLC
2022268284	Canon Kabushiki Kaisha	2023202396	Tencent America LLC
2022268289	LG Electronics Inc.	2023202574	Chiyoda Corporation
2022268331	Axsome Therapeutics, Inc.	2023202670	LG Electronics Inc.
2022271313	GAPS TECHNOLOGY, LLC	2023202767	E Ink Corporation
2022271383	InterDigital Patent Holdings, Inc.	2023202873	Colebrook Bosson Saunders (Products) Limited
2022271492	Graphic Packaging International, LLC	2023202886	Ildong Pharmaceutical Co., Ltd.
2022271967	TONGWEI SOLAR (HEFEI) CO., LTD.	2023202986	Huawei Technologies Co., Ltd.
2022272575	NANJING CHUANGTE PHARMACEUTICAL TECHNOLOGY CO., LTD	2023203243	Willand (Beijing) Technology Co., LTD.
2022275403	UPL Ltd	2023203350	INDUSTRO INTERNATIONAL CO., LTD.
2022275411	Corteva Agriscience LLC	2023203395	Ishida Co., Ltd.
2022278242	LTT BIO-PHARMA CO., LTD.; MUSASHINO UNIVERSITY	2023203439	Hlushchenko, M.; Maiorov, V.
2022278243	FURUKAWA ELECTRIC CO.,LTD.	2023203501	Technische Universität München; Technische Universität München - Klinikum rechts der Isar
2022279190	HUAWEI TECHNOLOGIES CO., LTD.	2023203599	Sandvik Mining and Construction Oy
2022280595	DAEWOONG PHARMACEUTICAL CO., LTD.	2023203628	Tencent America LLC
2022281940	DAEWOONG PHARMACEUTICAL CO., LTD.	2023203644	Tencent America LLC
2022283704	Illinois Tool Works Inc.	2023203649	ThermoLife International, LLC
2022283726	Brien Holden Vision Institute Limited	2023203698	ForSight Vision6, Inc.
2022283741	Hanwha Corporation	2023203844	JCM American Corporation
2022283748	Feldan Bio Inc.	2023203876	ABB Schweiz AG
2022283791	Hanwha Corporation	2023203880	8 Rivers Capital, LLC
2022287555	Telefonaktiebolaget LM Ericsson (PUBL)	2023203952	Capital One Services, LLC
2022291430	Regeneron Pharmaceuticals, Inc.	2023204094	Ausplow Pty. Ltd.
2022291494	Novonesis Plant Biosolutions A/S; Monsanto Technology LLC	2023204095	Longevity Neuro Solutions LLC
2022291540	Element Biosciences, Inc.	2023204197	Tencent America LLC
2022291559	Celator Pharmaceuticals, Inc.; Oregon Health & Science University	2023204277	Rovi Guides, Inc.
2022291627	PayPal, Inc.	2023206000	FIBERTEX PERSONAL CARE A/S; REIFENHÄUSER GMBH & CO. KG MASCHINENFABRIK
2022300855	DOLBY LABORATORIES LICENSING CORPORATION	2023206144	NuVasive Specialized Orthopedics, Inc.
2022301933	DROPBOX, INC.	2023210589	LG Electronics Inc.
2022306151	QILU PHARMACEUTICAL CO., LTD.	2023210597	Manta Sleep LLC
2022310752	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2023210600	Teixido, A.
2022321818	FRONIUS INTERNATIONAL GMBH	2023216436	BLUECATBIO GMBH
2022323412	PAYPAL, INC.	2023216846	ServiceNow, Inc.
2022341083	DAIFUKU OCEANIA LIMITED; DAIFUKU CO., LTD.	2023219829	Canon Kabushiki Kaisha
2022348529	HALLIBURTON ENERGY SERVICES, INC.	2023219852	Axcess Global Sciences, LLC
2022349547	TEH YOR CO., LTD.	2023219882	Bonafide Health, LLC
2022381308	SIEMENS GAMESA RENEWABLE ENERGY A/S	2023219963	Acorn Engineering Company
2022396067	CATERPILLAR INC.	2023222832	Boston Scientific Scimed, Inc.
2022402593	SABIC AGRI-NUTRIENTS COMPANY	2023225976	KNDS FRANCE
2022405255	METSO USA INC.	2023226751	The NOCO Company
2022411335	HITACHI CONSTRUCTION MACHINERY CO., LTD.	2023229502	Elecsome Pty Ltd
2022417978	MAYEKAWA MFG. CO., LTD.	2023229515	Myriota Pty Ltd
2022430575	TESLA NANOCOATINGS, INC.	2023233206	SK Innovation Co., Ltd.
2022431638	TENCENT AMERICA LLC	2023236478	MOUNTAIN TOP (DENMARK) APS
2022432831	TENCENT AMERICA LLC	2023237093	Boston Scientific Scimed Inc
2022433628	TENCENT AMERICA LLC	2023241386	HiFiBio SAS
2022450356	RODDYMEDICAL, LLC	2023243013	HEARTLAND AG TECH, INC.
2022469423	ALPHA ESS CO., LTD.	2023243054	Google LLC
2022473400	ALPHA ESS CO., LTD.	2023248127	Aclaris Therapeutics, Inc.
2023200178	Jetoptera, Inc.	2023248136	Degan, G.
2023200192	Air Products and Chemicals, Inc.	2023248166	Huawei Technologies Co., Ltd.
2023200295	Snap-on Incorporated	2023254890	i-SENS, Inc.
2023200306	United Laboratories International, LLC	2023263506	Edwards Lifesciences Corporation
2023200424	Rheem Australia Pty Limited	2023263543	Covidien LP
2023200622	Globeride, Inc.	2023266391	SHENZHEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.; XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.
2023200816	Société des Produits Nestlé S.A.	2023270278	Apple Inc.
2023200877	LG Electronics Inc.	2023274146	Chongqing Changan Automobile Co., Ltd.
2023200918	JIANGNAN UNIVERSITY; Wuxi Haihe Equipment Technology Co., Ltd	2023278001	Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co., Ltd.
2023200940	Becton, Dickinson and Company	2023285764	E Ink Corporation
2023200958	Juul Labs, Inc.	2023285914	Angel Group Co., Ltd.

Applications Accepted - Numerical Index cont'd

2023286034	iProov Limited
2023332650	ARCACTIVE LIMITED
2023384305	YANSHAN UNIVERSITY
2023430176	HALOZYME, INC.
2024200090	LEONARD, S.L.
2024200824	NetScout Systems, Inc.
2024201159	Bluescope Steel Limited
2024201357	Huawei Technologies Co., Ltd.
2024201570	Materialise N.V.; OBL SAS
2024202393	BARGENT THERAPEUTICS PTY LIMITED
2024204283	Incyte Holdings Corporation
2024204302	SYSTEMS IP PTY LTD
2024204426	Dolby International AB
2024213126	Apple Inc.
2024220046	Mangrove Water Technologies Ltd.
2024220049	Mangrove Water Technologies Ltd.
2024227141	CARIBOU BIOSCIENCES, INC.
2024227406	LINEAGE LOGISTICS, LLC

IPC Index

<u>A01B 63 /-</u>	<u>A01K 89 /-</u>	<u>A23C 21 /-</u>	<u>A41D 13 /-</u>	2021300197	2022259727
2023204094	2023200622	2022203291	2023210597	<u>A47G 25 /-</u>	2023206144
<u>A01C 15 /-</u>	<u>A01K 97 /-</u>	<u>A23F 5 /-</u>	<u>A41D 20 /-</u>	2023219963	2023263506
2020209867	2019200870	2021395741	2023210597	<u>A47G 9 /-</u>	2023263543
<u>A01C 5 /-</u>	<u>A01M 25 /-</u>	2023200816	<u>A41H 1 /-</u>	2019309776	<u>A61B 18 /-</u>
2019228022	2019323945	<u>A23J 1 /-</u>	2020218617	<u>A47J 27 /-</u>	2019225810
2023204094	<u>A01M 9 /-</u>	2022203291	<u>A45D 20 /-</u>	2023210589	2019402769
<u>A01C 7 /-</u>	2020209867	<u>A23J 3 /-</u>	2021271686	<u>A47J 31 /-</u>	2019406665
2019200098	<u>A01N 25 /-</u>	2019271033	<u>A45F 3 /-</u>	2019204986	2019417426
2023204094	2018372943	2021212057	2021300197	<u>A47J 37 /-</u>	202228566
<u>A01D 41 /-</u>	<u>A01N 43 /-</u>	2021289063	<u>A45F 5 /-</u>	2018395563	<u>A61B 3 /-</u>
2018282444	2020434699	2022203291	2021342148	2021441719	2019291481
2019209655	2022275403	<u>A23K 10 /-</u>	<u>A46B 15 /-</u>	2022245111	2022246401
<u>A01D 45 /-</u>	2022275411	2019270548	2021404116	<u>A47J 43 /-</u>	<u>A61B 34 /-</u>
2018282444	<u>A01N 57 /-</u>	2021380724	<u>A46B 5 /-</u>	2021365462	2018421456
2019209655	2022275403	<u>A23K 50 /-</u>	2021373196	<u>A47L 11 /-</u>	202221570
<u>A01D 47 /-</u>	<u>A01N 63 /-</u>	2019270548	<u>A47B 91 /-</u>	2020418666	<u>A61B 5 /-</u>
2019209655	2022291494	2021380724	2022218611	2021259042	2019206895
<u>A01G 23 /-</u>	<u>A01N 65 /-</u>	<u>A23L 2 /-</u>	<u>A47B 96 /-</u>	<u>A47L 5 /-</u>	2019217995
2019275194	2019336760	2019271387	2022218611	2022204276	2019219392
<u>A01G 25 /-</u>	<u>A01P 13 /-</u>	2019390081	<u>A47C 1 /-</u>	2021306949	2019232674
2023243013	2020434699	<u>A23L 27 /-</u>	2019325447	2022204276	2020208448
<u>A01G 31 /-</u>	2022275403	2019242863	<u>A47C 21 /-</u>	<u>A61B 1 /-</u>	2020218617
2018350213	<u>A01P 7 /-</u>	2019271387	2023248136	2018399461	2021296855
<u>A01H 5 /-</u>	2021261807	<u>A23L 3 /-</u>	<u>A47C 31 /-</u>	2019212649	2021343392
2018372943	<u>A21D 13 /-</u>	2018395563	2023222832	2019217995	2023254890
<u>A01K 11 /-</u>	2019387561	<u>A23L 33 /-</u>	<u>A61B 17 /-</u>	2018354432	<u>A61B 50 /-</u>
2019200299	<u>A22C 15 /-</u>	2019271033	2018354432	2018389599	2022221570
<u>A01K 39 /-</u>	2022417978	<u>A23L 5 /-</u>	201839962	2019218798	<u>A61B 8 /-</u>
2019323945	<u>A22C 17 /-</u>	2018395563	2019201609	2019225763	2021306500
<u>A01K 43 /-</u>	2022417978	2019242863	<u>A47C 4 /-</u>	2019392558	<u>A61B 90 /-</u>
2018408302	<u>A22C 21 /-</u>	2019271033	2019328730	2022228566	2018354432
2019242554	2022417978	<u>A23P 30 /-</u>	<u>A47C 7 /-</u>	2023222832	2018389599
<u>A01K 45 /-</u>	<u>A23B 4 /-</u>	2019271033	2019325447	<u>A61B 17 /-</u>	2019218798
2018408302	2021441719	<u>A24B 15 /-</u>	2022231792	2018354432	2019225763
<u>A01K 5 /-</u>	<u>A23B 7 /-</u>	2019355577	<u>A47F 10 /-</u>	2018389599	2019392558
2019323945	2023200918	<u>A24D 1 /-</u>	2019421719	2019201609	2022228566
<u>A01K 61 /-</u>	<u>A24F 40 /-</u>	2021311081	<u>A47F 5 /-</u>	2019218798	2023222832
2022201952			<u>A47G 19 /-</u>	2020213767	2022204411
				2020228377	2022224745
				2020370260	2022227496
				2020391950	2022228566
				2021444698	2022239629
				2022204411	
				2022224745	
				2022227496	
				2022228566	
				2022239629	

Applications Accepted - IPC Index cont'd

<u>A61F 2 /-</u>	2019220062	2021268903	2017375720	2022235555	2022450356
	2019222508		2018301395	2022272575	2023204095
	2019236860	<u>A61K 38 /-</u>	2018366214	2022280595	
2018376564	2019273850	2017319702	2019208396	2022281940	<u>A61M 27 /-</u>
2018389854	2019278986	2017325033	2019220062	2022306151	
2018392902	2019284234	2017357944	2019237138	2023219882	2020208413
2018399962	2019289228	2018217478	2019275406		2023204095
2019201609	2019298758	2018237799	2019284234	<u>A61L 101 /-</u>	
2019203591	2019312200	2018310410	2019306628	2021361366	<u>A61M 29 /-</u>
2020391950	2019324522	2018369639	2020209991		2018406682
2022224745	2019335450	2019206652	2020233532	<u>A61L 15 /-</u>	
2022227496	2019340767	2019278986	2021268903	2021285853	<u>A61M 3 /-</u>
2022239629	2019353002	2019291945	2021408214		2020208413
2023203698	2019365117	2019337671	2021412432	<u>A61L 2 /-</u>	
2023263506	2019373206	2019365654	2022212854	2019204226	<u>A61M 31 /-</u>
2024201570	2019382504	2020209991	2022246440	2019208100	2018366106
	2019429147	2020401160	2022278242	2021361366	
<u>A61F 5 /-</u>	20202220889	2021203106	2022280595		<u>A61M 39 /-</u>
	2020226339	2021205051	2022281940		2018410570
2019235611	2020233532	2022202407	2022283748	<u>A61L 27 /-</u>	2019209934
<u>A61F 7 /-</u>	2020334060	2022278242	<u>A61K 48 /-</u>	2023263506	2019225893
	2020360970	2022283748	2017319702		2019355791
2022204194	2020385034	<u>A61K 39 /-</u>	2017339841	<u>A61L 31 /-</u>	2022450356
<u>A61F 9 /-</u>	2021202702	2017331949	2017339841	2021312621	2023204095
	2021204784	2017332854	2019316742		<u>A61M 5 /-</u>
2020277300	2021225696	2017343422	2021225696	<u>A61M 1 /-</u>	2018354432
2023203698	2021261807	2017353443	2022202407	2019232674	2019209934
2023210597	2021275675	2017373746	<u>A61K 49 /-</u>	2019269683	2019219392
<u>A61G 15 /-</u>	2021293911	2017375720	2017371069	2019441037	2019225893
	2021378793	2017381433	2019246196	2020208413	2019390047
2019325447	2022235555	2017434556	2022201145	2020277300	2019402139
<u>A61G 5 /-</u>	2022239069	2018224711	<u>A61K 51 /-</u>	2023204095	2020207989
	2022241458	2018225102	2023203501		2020259427
2019325447	2022268331	2018235772	<u>A61K 6 /-</u>	<u>A61M 11 /-</u>	2022205343
<u>A61G 7 /-</u>	2022272575	2018237046	2021412417	2021363089	2022206659
	2022280595	2018243104	<u>A61K 8 /-</u>	2023200958	2022221385
2019325447	2022281940	2018292438	2018408221	<u>A61M 13 /-</u>	2022450356
<u>A61J 1 /-</u>	2022291559	2018311981	2018441463	2018406682	2023200940
	2022306151	2018320417	2019434303	2022204194	2023430176
2023210597	2023202886	2018359635	<u>A61M 15 /-</u>		<u>A61M 60 /-</u>
<u>A61J 7 /-</u>	2023203649	2018368580	2021363089		2023237093
	2023219852	2019312200	2023200958	<u>A61M 16 /-</u>	<u>A61N 1 /-</u>
2022280595	2024202393	2019429147		2018406682	2019208137
<u>A61J 7 /-</u>	2024204283	2020400801	<u>A61K 9 /-</u>	2022204194	2019219586
	<u>A61K 33 /-</u>	2020401160	2017375720		2019225810
2020302101	2023203649	2021202702	2018237799	<u>A61M 15 /-</u>	2021310497
<u>A61J 9 /-</u>	2023219882	2021203458	2018280750	2018406682	<u>A61N 5 /-</u>
	<u>A61K 35 /-</u>	2021204339	2018366106	2019235611	2021310497
2022252817		2021204596	2018366214	2019275944	
<u>A61K 31 /-</u>	2017335673	2021212041	2019206649	2022204194	<u>A61P 1 /-</u>
	2018280750	2021229250	2019206651	2022204436	2018297856
2017325033	2018287169	2021239762	2019206921	2022211904	2018311981
2018225102	2018301395	2021378793	2019207515	2023201117	2019220062
2018297856	2018303064	2022201145	2019208396		2020385034
2018310410	2018353112	2022209360	2019275406	<u>A61M 25 /-</u>	2021203106
2018313149	2018357861	<u>A61K 45 /-</u>	2019284234	2018354432	2021203627
2018363883	2018369639	2019211224	2019316742	2018406682	2021268903
2018366106	2018388079	2019278986	2019323183	2019269701	2022278242
2018366214	2019213029	2019306628	2019365117	2019390047	2022280595
2018367660	2020291457	2019365117	2020209991	2019441037	2022281940
2019206649	2020317501	2020233532	2021205051	2020208413	2023219882
2019206651	2021212060	2022278242	2021212057		
2019206652	2021240329	<u>A61K 47 /-</u>	2021268903		
2019207515	<u>A61K 36 /-</u>	2017325839	2021275675		
2019208396		2017339841			
2019211224	2018367660				
2019213277	2021216555				

Applications Accepted - IPC Index cont'd

<u>A61P 11 /-</u>	2019284234 2021403606	<u>A61P 43 /-</u>		2022228133	<u>B02C 4 /-</u>
2018297856	<u>A61P 31 /-</u>	2018297856	<u>A63B 69 /-</u>	<u>B01D 65 /-</u>	2018386719
2019213277		2019213277	2022215329		2022405255
2019289228	2018292438	2019382504	<u>A63B 9 /-</u>	2019386558	<u>B03D 1 /-</u>
2019340767	2018368580	2020334060		<u>B01D 67 /-</u>	
2019357036	2019222508	2021204784	2024204302		2018434575
2020226339	2019353002	<u>A61P 5 /-</u>	<u>A63F 13 /-</u>	2022228133	2018435310
<u>A61P 13 /-</u>	2020385034			<u>B01D 69 /-</u>	<u>B03D 103 /-</u>
	2021271349	2021204784	2020210375		
2017325033	2021293911	<u>A61P 7 /-</u>	2022231792	2019280926	2018434575
2018297856	2022209360		<u>A63F 9 /-</u>	2022228133	2018435310
2018366106	<u>A61P 33 /-</u>	2019429147		<u>B01D 71 /-</u>	<u>B04B 15 /-</u>
2022278242		<u>A61P 9 /-</u>	2020233643		
<u>A61P 15 /-</u>	2021261807		<u>A63G 31 /-</u>	2019280926	2023216436
	<u>A61P 35 /-</u>	2018297856		2022228133	<u>B04B 5 /-</u>
2020317501		2019298758	2024204302	<u>B01J 13 /-</u>	
<u>A61P 17 /-</u>	2017335673	2019373206			2023216436
	2017343422	2021403606	<u>B01D 11 /-</u>	2019243822	<u>B05B 12 /-</u>
2018367660	2018225102	2023203649			
2020317501	2018243104	<u>A61Q 13 /-</u>	2023229502	<u>B01J 19 /-</u>	2021361366
2024204283	2018292438		<u>B01D 15 /-</u>		<u>B05B 17 /-</u>
<u>A61P 19 /-</u>	2018297856	2018408221		2018395563	
	2018303064	<u>A61Q 15 /-</u>	2021395126	2019404617	
2017381433	2018310410		<u>B01D 17 /-</u>	<u>B01J 20 /-</u>	2020378420
2019365117	2018366106	2021359816			2021363089
<u>A61P 21 /-</u>	2018388079	<u>A61Q 19 /-</u>	2022252794	2019225451	<u>B06B 1 /-</u>
	2019208396		<u>B01D 19 /-</u>		
2019284234	2019273850	2018408221		<u>B01J 27 /-</u>	2021306500
2023203649	2019284234	2019434303	2022252794	2019404617	2021363089
<u>A61P 25 /-</u>	2019335450	<u>A61Q 5 /-</u>	2022271313	<u>B01J 29 /-</u>	<u>B08B 1 /-</u>
	2019340456		<u>B01D 25 /-</u>		
2018297856	2019340767	2018441463		2019322292	2019382115
2018363883	2019429147	2022228183	2019327293	<u>B01J 35 /-</u>	<u>B08B 9 /-</u>
2019208396	2020233532	<u>A62B 18 /-</u>	<u>B01D 35 /-</u>		
2019211224	2020236015			2019263099	2019382115
2019213029	2020360970	2020374947	2019253807	2019404617	<u>B09B 3 /-</u>
2019284234	2020400801	2020401160	<u>B01D 46 /-</u>		
2019298758	2020401160	2021203627		<u>B01J 49 /-</u>	2021310493
2019324522	2021203627	2021204596	2019253807		2021364235
2019340767	2021204596	2021378793		2023201117	2023229502
2020220889	2022212854	2022204436	<u>B01D 53 /-</u>	<u>B01J 6 /-</u>	<u>B21C 51 /-</u>
2020317501	2022239069	<u>A62C 3 /-</u>			
2020401160	2022272575		2019375390	<u>B01J 8 /-</u>	2019237251
2021225696	2022278242	2023266391	2022231924		<u>B21D 43 /-</u>
2021275675	2022283748	<u>A62C 35 /-</u>	2022233418	2023233206	
2022268331	2022291559		2022253493		2019244944
2022278242	2022306151	2019221478	2022254777	<u>B01L 3 /-</u>	<u>B22F 3 /-</u>
<u>A61P 27 /-</u>	2023202886	<u>A63B 17 /-</u>	2022266191		
	2023203501		2023200192	2019324172	2019380489
2018297856	2024204283	<u>A63B 21 /-</u>	<u>B01D 59 /-</u>	2019325343	<u>B22F 5 /-</u>
2019207515	<u>A61P 37 /-</u>			2023241386	
2022278242		2021283853	2018217478	<u>B02C 19 /-</u>	2019380489
<u>A61P 29 /-</u>	2018292438	2022252724	<u>B01D 61 /-</u>		<u>B23B 3 /-</u>
	2019298758	<u>A63B 24 /-</u>		2021448036	
2018292438	2020401160		2019269683	<u>B02C 23 /-</u>	2019290033
2019298758	2022246440	2022215329	2019386558		<u>B23D 59 /-</u>
2019312200	2024202393	2022234382	2024220046	2018386719	
2020360970	2024204283	<u>A63B 63 /-</u>	2024220049		2021226056
2021203627	<u>A61P 39 /-</u>		<u>B01D 63 /-</u>	<u>B02C 25 /-</u>	
2021275675		2022215329			
2021403606	2020374947		2019386558		
<u>A61P 3 /-</u>	2022278242				

Applications Accepted - IPC Index cont'd

<u>B23K 37 I/-</u>	<u>B31F 5 I/-</u>	2021238300	<u>B64D 33 I/-</u>	<u>B65D 75 I/-</u>	<u>B81C 1 I/-</u>
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<u>B23K 9 I/-</u>	<u>B32B 15 I/-</u>	2018271314	<u>B64F 1 I/-</u>	<u>B65D 85 I/-</u>	<u>B82Y 5 I/-</u>
2019342006	2019212363	<u>B60L 3 I/-</u>	2018250469	2019279959	2022235555
<u>B23P 15 I/-</u>	<u>B32B 27 I/-</u>	2018271314	2022341083		
2021256883	2019212363	<u>B60L 5 I/-</u>	2023225976	<u>B65D 90 I/-</u>	<u>C01B 11 I/-</u>
<u>B25B 21 I/-</u>	<u>B32B 43 I/-</u>	2022396067	<u>B64U 70 I/-</u>	2019297538	2019208100
2023200295	2023229502	<u>B60M 7 I/-</u>	2023225976	<u>B65G 1 I/-</u>	<u>C01B 3 I/-</u>
<u>B25C 1 I/-</u>	<u>B32B 5 I/-</u>	2022396067	<u>B64U 80 I/-</u>	2019297538	2021421598
2019283299	2019267690	<u>B60P 3 I/-</u>	2023225976	2022252707	2023233206
<u>B25C 7 I/-</u>	2022259809	2022263597	<u>B65B 25 I/-</u>	<u>B65G 17 I/-</u>	<u>C01B 32 I/-</u>
2021342148	<u>B33Y 10 I/-</u>	<u>B60P 7 I/-</u>	2021282281	2019244944	2023233206
<u>B25F 3 I/-</u>	2019206921	2023236478	<u>B65B 41 I/-</u>	<u>B65G 27 I/-</u>	<u>C01D 15 I/-</u>
2023200295	<u>B33Y 30 I/-</u>	<u>B60R 16 I/-</u>	2023203395	<u>B65G 43 I/-</u>	2021395126
<u>B25F 5 I/-</u>	2019206921	2021238300	<u>B65B 43 I/-</u>	2022341083	2024220046
2021342148	<u>B33Y 40 I/-</u>	<u>B60R 19 I/-</u>	2021282281	<u>B65G 47 I/-</u>	2024220049
2023200295	2019206921	2020202155	<u>B65B 57 I/-</u>	2019284446	<u>C01D 7 I/-</u>
<u>B25J 15 I/-</u>	<u>B33Y 50 I/-</u>	<u>B60R 9 I/-</u>	2023203395	2022341083	<u>C01F 11 I/-</u>
2019200074	2019206921	2023236478	<u>B65B 61 I/-</u>	<u>B65G 67 I/-</u>	2020451269
<u>B26B 21 I/-</u>	<u>B41M 5 I/-</u>	<u>B60W 50 I/-</u>	2023203395	2019231680	<u>C01F 7 I/-</u>
2021255782	2021384762	2018422185	<u>B65B 65 I/-</u>	<u>B66B 1 I/-</u>	2019225451
2021256883	<u>B42D 25 I/-</u>	<u>B61F 5 I/-</u>	2021282281	2018445455	<u>C01G 23 I/-</u>
2021416836	2022263490	2019365823	<u>B65B 9 I/-</u>	2018445604	2019263099
<u>B26B 5 I/-</u>	2023285764	<u>B62B 3 I/-</u>	2023203395	<u>B66B 19 I/-</u>	<u>C01G 49 I/-</u>
2023203350	<u>B44F 1 I/-</u>	2021324263	<u>B65C 9 I/-</u>	2021250298	2019298824
<u>B26D 1 I/-</u>	2021384762	<u>B62B 5 I/-</u>	2021374667	2021351853	<u>C02F 1 I/-</u>
2021364235	<u>B60B 11 I/-</u>	2021324263	<u>B65D 1 I/-</u>	<u>B66B 7 I/-</u>	2019298824
<u>B29B 17 I/-</u>	2019353530	<u>B62B 7 I/-</u>	2019279959	2021250298	2020434699
2021310493	<u>B60B 15 I/-</u>	2022220752	<u>B65D 21 I/-</u>	<u>B66C 1 I/-</u>	2022271313
<u>B29C 45 I/-</u>	2019353530	2023201950	2019297538	2019331034	<u>C02F 3 I/-</u>
2019325343	<u>B60B 35 I/-</u>	<u>B62B 9 I/-</u>	<u>B65D 43 I/-</u>	2020289843	2018422687
2021373196	2019353530	2022220752	2021300197	<u>B66C 13 I/-</u>	<u>C03B 37 I/-</u>
<u>B29C 64 I/-</u>	<u>B60C 23 I/-</u>	<u>B63B 1 I/-</u>	<u>B65D 47 I/-</u>	2019240762	2019235491
2019206921	2018201568	2018381337	2021300197	<u>B66C 3 I/-</u>	2019235492
<u>B29C 65 I/-</u>	<u>B60F 3 I/-</u>	2020385244	2021411937	2020289843	<u>C03B 5 I/-</u>
2019325343	2020292322	<u>B64C 29 I/-</u>	<u>B65D 51 I/-</u>	<u>B66F 17 I/-</u>	2020357711
<u>B31D 5 I/-</u>	<u>B60H 1 I/-</u>	2023200178	2021398387	2019336495	<u>C03C 1 I/-</u>
2022226341	2022215157	<u>B64C 39 I/-</u>	<u>B65D 71 I/-</u>	<u>B66F 9 I/-</u>	2020357711
<u>B31F 1 I/-</u>	<u>B60L 1 I/-</u>	2023200178	2022271492	2019203506	<u>C04B 2 I/-</u>
2022226341			2023201419	2019336495	2021392816
				2020289843	
				2022226290	

Applications Accepted - IPC Index cont'd

<u>C04B 7 /-</u>		2021403606	2021212041	<u>C08L 23 /-</u>	<u>C10G 11 /-</u>
2021392816	<u>C07D 307 /-</u>		2021229250		
<u>C05C 1 /-</u>	2020360970	<u>C07H 1 /-</u>	2021378793	2019327293	2019322292
	2020385034	2019271387	2022201145		
2022402593	<u>C07D 309 /-</u>	2020334060	2022204834	<u>C08L 5 /-</u>	<u>C10G 19 /-</u>
<u>C05C 3 /-</u>	2020360970	<u>C07H 13 /-</u>	<u>C07K 19 /-</u>	2019284234	2022271313
2022402593	<u>C07D 311 /-</u>	2019338447	2017325839	2021312621	<u>C10G 3 /-</u>
<u>C05C 9 /-</u>	2020360970	2019346823	2018388079	<u>C08L 71 /-</u>	2018375218
2022402593	<u>C07D 333 /-</u>	<u>C07H 15 /-</u>	2020401160	2019356777	2021397843
<u>C05G 3 /-</u>	2020385034	2019271387	<u>C07K 7 /-</u>	2021312621	<u>C10J 3 /-</u>
2022402593	<u>C07D 335 /-</u>	<u>C07H 19 /-</u>	2019291945	<u>C08L 75 /-</u>	2021421598
<u>C05G 5 /-</u>	2020360970	2020334060	2019337671	2021304167	2023203880
2022402593	<u>C07D 401 /-</u>	<u>C07H 21 /-</u>	2022283748	<u>C08B 37 /-</u>	<u>C10K 3 /-</u>
<u>C07B 59 /-</u>	2019335450	2020334060	<u>C08B 37 /-</u>	2022205343	2019243822
2022272575	2019414285	2018313149	<u>C08F 2 /-</u>	2019243822	2021421598
2023203501	<u>C07D 403 /-</u>	<u>C07K 14 /-</u>	2019336760	<u>C08L 89 /-</u>	<u>C10L 1 /-</u>
<u>C07C 229 /-</u>	2019298758	2017434556	<u>C08G 101 /-</u>	2021312621	2021397843
2022275411	2019335450	2018357861	2019356777	<u>C08L 91 /-</u>	<u>C10L 3 /-</u>
<u>C07C 69 /-</u>	<u>C07D 405 /-</u>	2018368580	<u>C08G 18 /-</u>	2018375218	2019386558
2019230476	2021271349	2018388079	2019356777	<u>C08L 95 /-</u>	2023201029
<u>C07D 205 /-</u>	<u>C07D 407 /-</u>	2019207703	2021304167	2018375218	<u>C11C 3 /-</u>
2019382504	2020360970	2019261411	<u>C08G 59 /-</u>	<u>C09D 133 /-</u>	2019338447
<u>C07D 207 /-</u>	<u>C07D 417 /-</u>	2019291945	2019341456	2019336760	<u>C11D 1 /-</u>
2020385034	2019324522	2019340456	2019342351	<u>C09D 143 /-</u>	2023200306
<u>C07D 211 /-</u>	<u>C07D 471 /-</u>	2019365654	<u>C08G 65 /-</u>	2019336760	<u>C11D 3 /-</u>
2020360970	2019373206	2019390081	2019230476	<u>C09D 167 /-</u>	2023200306
<u>C07D 213 /-</u>	2022272575	2021408214	<u>C08J 11 /-</u>	2019346823	<u>C11D 7 /-</u>
2020360970	2023248127	2021412432	2021310493	<u>C09D 191 /-</u>	2023200306
<u>C07D 213 /-</u>	2024204283	2022201165	2023229502	2019338447	<u>C12C 7 /-</u>
2020360970	<u>C07D 473 /-</u>	2022283748	<u>C08J 3 /-</u>	2019346823	2019327293
<u>C07D 221 /-</u>	2023202886	<u>C07K 16 /-</u>	2019284234	<u>C09D 5 /-</u>	<u>C12M 1 /-</u>
2019208396	<u>C07D 487 /-</u>	2017329780	2022205343	2022259809	2018386438
<u>C07D 231 /-</u>	2019340767	2017342071	<u>C08J 5 /-</u>	2022430575	2019219291
2019382504	2023202886	2017343422	2021384762	<u>C09D 7 /-</u>	2022253493
<u>C07D 233 /-</u>	2023248127	2017361868	<u>C08J 9 /-</u>	2022430575	2022254777
2019298758	2024204283	2017373746	2019243822	<u>C09J 163 /-</u>	2022266191
<u>C07D 239 /-</u>	<u>C07D 489 /-</u>	2017373884	<u>C08K 3 /-</u>	2019341456	<u>C12M 3 /-</u>
2023248127	2019357036	2017381433	2022259809	<u>C09K 3 /-</u>	2019219291
<u>C07D 249 /-</u>	<u>C07D 491 /-</u>	2017434556	2022430575	2022259809	<u>C12N 1 /-</u>
2022239069	2022212854	2018224711	<u>C08K 5 /-</u>	<u>C10B 53 /-</u>	2019222480
<u>C07D 277 /-</u>	<u>C07D 519 /-</u>	2018225102	2019284234	2018375218	2021420124
2019324522	<u>C07F 9 /-</u>	2018235772	2021312621	<u>C10G 1 /-</u>	2022253493
		2018237046	<u>C08L 1 /-</u>	2018375218	2022254777
		2018243104	2019284234		2022266191
		2018292438	2021204596		2022291494
		2018311981			
		2018315428			
		2018335083			
		2018359635			
		2018369639			
		2019261411			
		2019306628			
		2019429147			
		2020233532			
		2020236015			
		2020374947			
		2020400801			
		2021202702			
		2021203458			
		2021203542			
		2021204596			

Applications Accepted - IPC Index cont'd

2017343422	<u>C12P 7 /-</u>	<u>C25B 15 /-</u>	<u>E01B 9 /-</u>	<u>E04F 15 /-</u>	<u>E21B 21 /-</u>
2018211953					
2018243104	2019222480	2019300085	2020451729	2022283704	2023203599
2018292438	2019319672				
2018303064	2022253493	<u>C40B 40 /-</u>	<u>E01C 11 /-</u>		
2018313149	2022254777			<u>E04G 21 /-</u>	<u>E21B 23 /-</u>
2018315428	2023201029	2018369639	2022283704	2022283704	2021340967
2018334039					2021370486
2018353112	<u>C12P 9 /-</u>	<u>D01D 10 /-</u>	<u>E01H 3 /-</u>	<u>E04H 15 /-</u>	
2018353813					<u>E21B 25 /-</u>
2018357861	2018211953	2021285853	2022223921	2024204302	
2018363837			2022226500		2019279959
2018369639	<u>C12Q 1 /-</u>	<u>D01D 5 /-</u>	<u>E02D 27 /-</u>	<u>E04H 4 /-</u>	2019312609
2018388079		2023206000			
2019207703	2018217478			2019236716	<u>E21B 29 /-</u>
2020434699	2018273844	<u>D01F 8 /-</u>	2019318562		
2021204596	2018296568		2020292322	<u>E05B 47 /-</u>	2021244351
2021212060	2018328120	2023206000			
2021225696	2018335362		<u>E02D 5 /-</u>	2019213417	<u>E21B 33 /-</u>
2021239220	2018353813	<u>D04H 1 /-</u>	2019318562		
2021239762	2018369639		2021410532	<u>E05B 83 /-</u>	2019457395
2021412432	2021212060	2019234857			2020374859
2022202407	2021239220	2023206000	<u>E02F 3 /-</u>	2018366083	2022348529
2022283748	2022291540				
	2022291559	<u>D04H 3 /-</u>	2020289843	<u>E05C 3 /-</u>	<u>E21B 34 /-</u>
<u>C12N 5 /-</u>	2024227141				
		2023206000	<u>E02F 9 /-</u>	2018366083	2021299575
2018287169	<u>C21D 7 /-</u>				2021340967
2018292438		<u>D06F 58 /-</u>	2021352215	<u>E05D 13 /-</u>	2021370486
2018353112	2022240057		2021354304		
2018353813		2018412044		2019226303	<u>E21B 4 /-</u>
2018357861	<u>C21D 8 /-</u>	2022268289	<u>E03B 7 /-</u>	2022202760	
2018388079		2023202670			2019313330
2019261411	2021400482		2018362268	<u>E05D 15 /-</u>	
2021212060		<u>D06M 15 /-</u>	2019301845		<u>E21B 43 /-</u>
2021240329	<u>C21D 9 /-</u>			2019226303	
2022201010	2021400482	2019247408	<u>E03F 3 /-</u>	<u>E05D 7 /-</u>	2019201759
2022283748	2022240057				2019321019
2022291430		<u>D06M 16 /-</u>	2021257933	2022202760	2019386558
	<u>C22C 18 /-</u>		<u>E03F 5 /-</u>		2021299575
<u>C12N 7 /-</u>		2019247408		<u>E05F 1 /-</u>	2021340967
	2021379233	<u>D21H 17 /-</u>	2021257933		2021402019
2018303064				2022202760	2022240798
	<u>C22C 29 /-</u>	2019346823	<u>E04B 1 /-</u>		2022252794
<u>C12N 9 /-</u>		2019355577		<u>E05F 15 /-</u>	2022348529
	2019380489		2019341613		2023203876
2018211953		<u>D21H 19 /-</u>	2021221712	2019226303	
2018315428	<u>C22C 38 /-</u>		2022283704	2019336495	<u>E21B 47 /-</u>
2018353112		2019338447			
2019253212	2019406425	2019346823	<u>E04B 5 /-</u>	<u>E06B 9 /-</u>	2019459420
2019340456	2021400482				
2020434699	2022240057	<u>D21H 21 /-</u>	2022204051	2020227620	<u>E21B 49 /-</u>
2022201165				2022349547	
2022202407	<u>C23C 2 /-</u>	2019338447	<u>E04C 2 /-</u>		2023203599
2022203287		2019346823		<u>E06C 7 /-</u>	<u>E21B 7 /-</u>
2022266191	2024201159	2019355577	2019290033		
2022283748		<u>D21H 27 /-</u>		2022218611	2019246850
	<u>C23C 22 /-</u>		<u>E04C 5 /-</u>		2020292322
<u>C12P 1 /-</u>	2019270119	2019346823		<u>E21B 10 /-</u>	2021244351
2022266191	2021379233		2021221712	2020369848	
		<u>D21J 1 /-</u>	<u>E04D 1 /-</u>		<u>E21C 35 /-</u>
<u>C12P 21 /-</u>	<u>C23C 28 /-</u>			<u>E21B 15 /-</u>	
		2019346823	2019318562		2019237295
2018292438	2021379233			2019246850	<u>E21D 21 /-</u>
2021408214	2021432360	<u>D21J 3 /-</u>	<u>E04D 13 /-</u>	<u>E21B 17 /-</u>	
					2019264566
<u>C12P 5 /-</u>	<u>C25B 1 /-</u>	2023201419	2019318562	2019250244	
			2021291392	2020374859	<u>F01K 13 /-</u>
2018211953	2019300085	<u>E01B 7 /-</u>			
2022253493	2024220046		<u>E04F 11 /-</u>	<u>E21B 19 /-</u>	2023203880
2022254777	2024220049	2020451729			
			2018250469		
			2019318562	2019459420	

Applications Accepted - IPC Index cont'd

<u>F01K 23 /-</u>	2021348634	<u>F16C 19 /-</u>	<u>F17D 5 /-</u>	<u>F25D 25 /-</u>	<u>G01J 3 /-</u>
2022253251	<u>F04D 1 /-</u>	2018201568	2019383049	2018410662	2020208832
2023203880	2019314482	<u>F16C 27 /-</u>	<u>F21V 25 /-</u>	<u>F26B 5 /-</u>	<u>G01J 5 /-</u>
<u>F01N 1 /-</u>	2021390006	2018443014	2019204226	2018301395	2019235491
2019314515	<u>F04D 13 /-</u>	<u>F16C 3 /-</u>	<u>F21W 131 /-</u>	<u>F27B 1 /-</u>	<u>G01K 13 /-</u>
<u>F02B 23 /-</u>	2022240798	2018443014	2022245111	2021392816	2018201568
2022203224	2023203876	<u>F16H 21 /-</u>	<u>F23C 3 /-</u>	<u>F41B 11 /-</u>	<u>G01L 1 /-</u>
<u>F02C 3 /-</u>	<u>F04D 15 /-</u>	2022225168	2022310752	2020294089	2019204226
2022253251	2023203876	<u>F16H 23 /-</u>	<u>F23D 14 /-</u>	<u>F41B 7 /-</u>	<u>G01M 3 /-</u>
2023203880	<u>F04D 17 /-</u>	2022225168	2022310752	2023225976	2019383049
<u>F02C 6 /-</u>	2019314482	<u>F16J 12 /-</u>	<u>F23G 5 /-</u>	2023225976	2023202574
2022253251	2021390006	2022217967	2019231200	<u>F41F 7 /-</u>	<u>G01N 1 /-</u>
2023203880	<u>F04D 25 /-</u>	<u>F16J 15 /-</u>	<u>F23G 7 /-</u>	<u>F41G 11 /-</u>	2019207642
<u>F02C 7 /-</u>	2021390006	2019210699	2019231200	2020294089	2019391029
2021393776	<u>F04D 29 /-</u>	<u>F16K 1 /-</u>	<u>F24C 15 /-</u>	<u>F41H 13 /-</u>	2020207365
2022253251	2018386719	2018346310	2023210589	2021231901	<u>G01N 15 /-</u>
<u>F02F 1 /-</u>	2019314482	<u>F16K 3 /-</u>	<u>F24C 7 /-</u>	<u>F42B 10 /-</u>	2020207365
2022203224	2021271686	2019200074	2019212085	2019351665	2019207642
<u>F02M 35 /-</u>	2021390006	<u>F16K 31 /-</u>	2020206304	<u>F42B 12 /-</u>	2019325343
2019314515	<u>F04D 7 /-</u>	2018346310	2023210589	2021231901	2020208832
<u>F03B 17 /-</u>	2019200954	2019200074	<u>F24D 19 /-</u>	<u>F42D 1 /-</u>	2020228819
2020292322	2019314482	2019253807	2023200424	2018220056	2023203439
<u>F03D 3 /-</u>	<u>F16B 13 /-</u>	<u>F16L 17 /-</u>	<u>F24F 1 /-</u>	2022283741	<u>G01N 23 /-</u>
20218315012	2018335409	2019210699	2021458880	2022283791	2019290026
<u>F03D 7 /-</u>	<u>F16B 17 /-</u>	<u>F16L 19 /-</u>	<u>F24S 10 /-</u>	<u>G01B 11 /-</u>	2020219470
2021290601	2018335409	2019210699	2021416610	2021352215	<u>G01N 29 /-</u>
<u>F03D 80 /-</u>	<u>F16B 2 /-</u>	<u>F16L 23 /-</u>	<u>F24S 23 /-</u>	2021354304	2021200957
2020445667	2018335409	2019210699	2021416610	<u>G01B 17 /-</u>	<u>G01N 33 /-</u>
2021431479	<u>F16B 31 /-</u>	2022450356	<u>F24S 25 /-</u>	2021200957	2017329780
<u>F03D 9 /-</u>	2021221712	<u>F16L 3 /-</u>	2021291392	<u>G01B 3 /-</u>	2018217478
2021431479	<u>F16B 33 /-</u>	<u>F16L 37 /-</u>	<u>F25B 9 /-</u>	<u>G01B 5 /-</u>	2018235772
<u>F04B 15 /-</u>	2021221712	2018410570	2022206071	2019275194	2018297856
2018220056	<u>F16B 37 /-</u>	2019210699	<u>F25D 13 /-</u>	<u>G01C 19 /-</u>	2018353813
<u>F04B 35 /-</u>	2021221712	<u>F16L 59 /-</u>	2024227406	2019240762	2018363883
2022240798	2021250298	2019341613	<u>F25D 17 /-</u>	<u>G01C 21 /-</u>	2019207642
<u>F04B 47 /-</u>	<u>F16B 45 /-</u>	<u>F16M 11 /-</u>	2018410662	2020218503	2019301845
2022240798	2023219963	<u>F17C 13 /-</u>	2024227406	2021429297	2020374947
<u>F04B 49 /-</u>	2020227620	2022206071	<u>F25D 23 /-</u>	<u>G01G 19 /-</u>	2021203627
2018220056	<u>F16B 7 /-</u>	2022217967	2022207540	2019365823	2021212060
2021348634	2021221712	2022234069			2021239220
<u>F04B 53 /-</u>					2022200025
					2022201145
					2022283748
					2023241386
					<u>G01R 23 /-</u>
					2024200090
					<u>G01R 31 /-</u>
					2020217596
					2021435103

Applications Accepted - IPC Index cont'd

2023226751	2023274146	2019301845 2022247245	<u>G10K 11</u> <i>/-</i>	<u>H01H 1</u> <i>/-</i>	<u>H01R 24</u> <i>/-</i>
<u>G01S 1</u> <i>/-</i>	<u>G06F 13</u> <i>/-</i>		2021306500	2019204226	2022396067
2019351665	2020210375	<u>G06T 17</u> <i>/-</i>	<u>G10L 13</u> <i>/-</i>	<u>H01H 13</u> <i>/-</i>	<u>H01R 25</u> <i>/-</i>
<u>G01S 19</u> <i>/-</i>	<u>G06F 16</u> <i>/-</i>	2019212649	2020210375	2019204226	2021238300 2022396067
2019351665 2023203243	2021451504	<u>G06T 19</u> <i>/-</i>	<u>G10L 15</u> <i>/-</i>	<u>H01H 9</u> <i>/-</i>	
<u>G01S 7</u> <i>/-</i>	<u>G06F 17</u> <i>/-</i>	2021352215 2021354304	2020210375	2019286437	<u>H02B 13</u> <i>/-</i>
2021306500	2023285914	<u>G06V 10</u> <i>/-</i>	<u>G10L 19</u> <i>/-</i>	<u>H01J 49</u> <i>/-</i>	2019355195
<u>G01V 1</u> <i>/-</i>	<u>G06F 21</u> <i>/-</i>	2020216128 2022341083	2024204426	2020378420	<u>H02G 1</u> <i>/-</i>
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<u>G02B 23</u> <i>/-</i>	2020399657 2023203952	2022341083	2022301933	2021416610 2022259718	<u>H02G 15</u> <i>/-</i>
2018399461	2023204277 2023286034	<u>G07C 5</u> <i>/-</i>	<u>G12B 5</u> <i>/-</i>	2022271967 2023229502 2023278001	2019212363
<u>G02B 27</u> <i>/-</i>		2023274146	2019240762		<u>H02G 7</u> <i>/-</i>
2020206304	<u>G06F 3</u> <i>/-</i>	<u>G07C 9</u> <i>/-</i>	<u>G16H 10</u> <i>/-</i>	<u>H01M 10</u> <i>/-</i>	2019212363
<u>G02B 30</u> <i>/-</i>	2021419198 2022291627	2019275485	2019255720	2019324040 2020388682	<u>H02G 9</u> <i>/-</i>
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<u>G02C 7</u> <i>/-</i>	2023270278 2024213126	2020233643 2020302101	2020302101 2021236742	<u>H01M 4</u> <i>/-</i>	<u>H02H 3</u> <i>/-</i>
2018376564 2019244358 2022283726	<u>G06F 9</u> <i>/-</i>	2022202760 2022231792 2023203844	<u>G16H 40</u> <i>/-</i>	2019324040 2023332650	2019351145 2019355195 2020217596
<u>G02F 1</u> <i>/-</i>	2022227808 2022432831 2023216846	<u>G08B 17</u> <i>/-</i>	2019255720 2019356951	<u>H01M 50</u> <i>/-</i>	<u>H02H 7</u> <i>/-</i>
2023200877 2023202767	<u>G06K 19</u> <i>/-</i>	2023203439	<u>G16H 50</u> <i>/-</i>	2020388682 2023266391	2019351145 2022473400
<u>G03B 19</u> <i>/-</i>	2019237251 2019275485 2023254890	<u>G08B 29</u> <i>/-</i>	2018376564 2021236742 2022246401	<u>H01Q 1</u> <i>/-</i>	<u>H02H 9</u> <i>/-</i>
2024213126		2023203439	<u>H01B 1</u> <i>/-</i>	2020310058	2020217596 2020218107
<u>G03B 31</u> <i>/-</i>	<u>G06N 10</u> <i>/-</i>	<u>G08G 1</u> <i>/-</i>	2019324040	<u>H01Q 15</u> <i>/-</i>	<u>H02J 13</u> <i>/-</i>
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<u>G05B 15</u> <i>/-</i>	<u>G06Q 10</u> <i>/-</i>	<u>G09F 13</u> <i>/-</i>	2019212363 2021238300 2021463477	<u>H01Q 3</u> <i>/-</i>	
2023266391	2019301845	2019301449	<u>H01B 9</u> <i>/-</i>	<u>H01Q 5</u> <i>/-</i>	
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<u>G06F 11</u> <i>/-</i>	<u>G06Q 50</u> <i>/-</i>	2020249811	2020218107	<u>H01R 13</u> <i>/-</i>	2018271314 2019289918
				2023200877	

Applications Accepted - IPC Index cont'd

2021435103	<u>H04L 41</u> /-	2021354304	2021268496
2022206659		2021364235	
2022469423	2019418760	2022301933	<u>H05B 7</u> /-
2022473400	2021443986		
2023201520	<u>H04L 43</u> /-	<u>H04R 1</u> /-	2019282028
2023226751		2023210597	<u>H05K 5</u> /-
<u>H02K 33</u> /-	2024200824	<u>H04R 3</u> /-	2023200877
2021348634	<u>H04L 47</u> /-	2019312034	<u>H05K 7</u> /-
<u>H02M 1</u> /-	2021443986	<u>H04R 5</u> /-	2023200877
2022321818	<u>H04L 5</u> /-	2019312034	<u>H05K 9</u> /-
<u>H02M 7</u> /-	2020314455	<u>H04W 12</u> /-	2021439429
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<u>H02S 10</u> /-	<u>H04L 51</u> /-	2022235328	
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		<u>H04W 16</u> /-	
<u>H02S 20</u> /-	<u>H04L 65</u> /-	2023229515	
2021291392	2022301933	<u>H04W 28</u> /-	
<u>H02S 30</u> /-	<u>H04L 67</u> /-	2023201512	
2022259718	2022433628	<u>H04W 36</u> /-	
<u>H02S 40</u> /-	<u>H04L 9</u> /-	2022215421	
2021416610	2019255720	<u>H04W 4</u> /-	
<u>H03K 19</u> /-	2020399657	2019392759	
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	<u>H04M 1</u> /-	<u>H04W 48</u> /-	
<u>H03M 7</u> /-	2020210375	2021329841	
2022432831	2023201827	<u>H04W 52</u> /-	
<u>H04B 10</u> /-	<u>H04M 11</u> /-	2023229515	
2019337582	2020210375	<u>H04W 72</u> /-	
<u>H04B 17</u> /-	<u>H04N 13</u> /-	2018434236	
2020314455	2022431638	2021329841	
2023229515	<u>H04N 19</u> /-	2022271383	
<u>H04B 7</u> /-	2022300855	<u>H04W 74</u> /-	
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2020314455	2023201737	<u>H04W 84</u> /-	
	2023202396	2023201512	
<u>H04L 1</u> /-	2023202986	<u>H04W 88</u> /-	
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2019426298	2023203644	<u>H05B 44</u> /-	
2022237265	2023204197	2019301449	
2022271383	2023248166	<u>H05B 45</u> /-	
	2024201357	2019301449	
<u>H04L 12</u> /-	<u>H04N 21</u> /-	<u>H05B 6</u> /-	
2022208946	2021338535	2019341588	
<u>H04L 25</u> /-	2021450042		
2020314455	2022301933		
	2022431638		
<u>H04L 27</u> /-	2022432831		
2019337582	2023204277		
	<u>H04N 7</u> /-		
	2021352215		

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn

2019321527 **Crane & Co., Inc.** (CCL Secure Pty Ltd)

Patents Granted**Standard Patents**

2017236163	2017259821	2017260232	2017281940
2017285276	2017289085	2017291815	2017292732
2017298262	2017304271	2017331361	2017359944
2017376807	2017395785	2018202075	2018207946
2018208079	2018209166	2018210695	2018216169
2018221730	2018222902	2018225503	2018231623
2018236898	2018262566	2018264127	2018267693
2018269057	2018272067	2018273788	2018273854
2018275235	2018277012	2018283546	2018291163
2018297323	2018298499	2018298855	2018300057
2018303837	2018304164	2018304730	2018307983
2018309724	2018312248	2018313901	2018316554
2018317521	2018320335	2018322694	2018322695
2018326378	2018329218	2018330042	2018330603
2018331439	2018336901	2018343915	2018345536
2018346229	2018347358	2018347573	2018360482
2018361220	2018361906	2018367112	2018367394
2018367546	2018368424	2018369531	2018372168
2018373389	2018374240	2018375566	2018383875
2018384905	2018387126	2018389656	2018392161
2018418326	2018426274	2018430735	2018431392
2018431967	2018432845	2018433714	2018435590
2018446799	2018456044	2019202430	2019202512
2019203163	2019203358	2019203359	2019204452
2019205016	2019205026	2019207558	2019215036
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2019226944	2019228391	2019229937	2019230473
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2019245506	2019245949	2019246035	2019247096
2019247471	2019247512	2019247798	2019248222
2019249216	2019249721	2019250301	2019252798
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2020266294	2020277469	2020290119	2020297355
2020301872	2020304796	2020323820	2020327919
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2020388676	2020396356	2020396699	2020398541
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2021224137	2021224588	2021226544	2021227281
2021227374	2021228408	2021231230	2021235130
2021236184	2021240296	2021242143	2021243321

Patents Granted**Standard Patents**

2021248491	2021253693	2021258141	2021262267
2021263037	2021263879	2021264095	2021266865
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2021432629	2021438810	2022200972	2022201758
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2022279478	2022283709	2022283710	2022287545
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2023201466	2023201611	2023201680	2023201934
2023201940	2023202249	2023202352	2023202554
2023202626	2023202790	2023203258	2023203319
2023203635	2023203743	2023204404	2023214271
2023226759	2023226761	2023229601	2023241276
2023258364	2023266311	2023274081	2023358130
2024201861	2024202269	2024202486	2024202508

Revocation

It is hereby notified that the offer by the Patentee **DIT AgTech Limited** to surrender Patent 2021105299 which was advertised in the Official Journal of 26.09.2024 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Janssen Biotech, Inc.** to surrender Patent 2023100041 which was advertised in the Official Journal of 26.09.2024 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Janssen Biotech, Inc.** to surrender Patent 2023100042 which was advertised in the Official Journal of 26.09.2024 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2007299612 BASF Enzymes LLC The patent has been assigned to **Danstar Ferment AG**

2007308149 PF Consumer Healthcare 1 LLC The patent has been assigned to **Castor Brands Company LLC**

2009206835 HELIX TECHNOLOGIES AS The patent has been assigned to **Rosen IP AG**

2009283543 Resonac Corporation The patent has been assigned to **Gauzy Ltd.**

2009283544 Resonac Corporation The patent has been assigned to **Gauzy Ltd.**

Assignments Registered

2009307423 KM Biologics Co., Ltd.; Teijin Limited The patent has been assigned to **Curedisc Corporation**

2010214432 Resonac Corporation The patent has been assigned to **Gauzy Ltd.**

2010306971 PF Consumer Healthcare 1 LLC The patent has been assigned to **Castor Brands Company LLC**

2011211114 Resonac Corporation The patent has been assigned to **Gauzy Ltd.**

2011211121 Resonac Corporation The patent has been assigned to **Gauzy Ltd.**

2011292122 Incitor Incorporated The patent has been assigned to **xF Biosolutions, LLC**

2011347585 FMC Agricultural Products International AG The patent has been assigned to **FMC Agro Singapore Pte Ltd.**

2012216672 SERCEL SAS The patent has been assigned to **Reflection Marine Norge AS**

2012247900 Bruckbauer, Wilhelm The patent has been assigned to **Werkhaus GmbH & Co. KG**

2012271836 InspiRx, Inc. The patent has been assigned to **Flexicare (Group) Limited**

2012301042 LTS Lohmann Therapie-Systeme AG; Photonamic GmbH & Co. KG The patent has been assigned to **photonamic GmbH & Co. KG**

2012325718 Teleflex Life Sciences Unlimited Company The patent has been assigned to **TELEFLEX LIFE SCIENCES LLC**

2012356894 Innate Pharma; Paul Scherrer Institut The patent has been assigned to **ARARIS BIOTECH LTD.**

2013204064 Tulli Pty Ltd The patent has been assigned to **Mayo Hardware Pty Ltd**

2013204086 BASF Enzymes LLC The patent has been assigned to **Danstar Ferment AG**

2013220955 Construction Tools PC AB The patent has been assigned to **Epiroc Drilling Tools Aktiebolag**

2013254326 Institut National de la Sante et de la Recherche Medicale; Universite d'Auvergne Clermont 1; Zionexa The patent has been assigned to **Institut National de la Sante et de la Recherche Medicale; Universite d'Auvergne Clermont 1; GE Healthcare Limited**

2013276511 FMC Agricultural Products International AG The patent has been assigned to **FMC Agro Singapore Pte Ltd.**

2013286987 Banduric, Richard The patent has been assigned to **ELECTRO-SCALAR HOLDINGS LLC**

2013319925 Kromatix SA The patent has been assigned to **Kromatix Glass Tech SA**

2013326635 Fourds Limited The patent has been assigned to **DREAMAKER GLOBAL LIMITED**

2013332512 Liu, Dong-Xu; Ma, Runlin The patent has been assigned to **Tianjin ChunYao Biotech Co., Ltd**

2013345301 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

Assignments Registered

2013345302 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2013356584 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2014226246 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2014236657 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2014240860 Kimberly-Clark Worldwide, Inc. The patent has been assigned to **SUREWERX USA INC.**

2014250916 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2014259751 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2014265183 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2014278189 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2014283185 Innate Pharma; Paul Scherrer Institut The patent has been assigned to **ARARIS BIOTECH LTD.**

2014320030 Inspired Designs Limited The patent has been assigned to **Wedgit International B.V.**

2014334772 Sinomed Cardioita Technology Inc. The patent has been assigned to **SINO MEDICAL SCIENCES TECHNOLOGY INC.**

2014340059 Delgado, Juan; Leyva, Robert; Crawford, Timothy The patent has been assigned to **Ascero Technologies, LLC**

2015203825 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2015203828 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2015262415 KM Biologics Co., Ltd. The patent has been assigned to **Curedisc Corporation**

2015336454 Riken; Sumitomo Chemical Company, Limited; Sumitomo Pharma Co., Ltd. The patent has been assigned to **Riken; Sumitomo Pharma Co., Ltd.**

2015341763 Xellia Pharmaceuticals ApS The patent has been assigned to **Hikma Pharmaceuticals USA Inc.**

2016213809 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2016225779 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2016273956 FMC Agricultural Products International AG The patent has been assigned to **FMC Agro Singapore Pte Ltd.**

2016299453 Phoenix Conveyor Belt Systems GmbH The patent has been assigned to **ContiTech Deutschland GmbH**

2016324766 SoftBank Corp. The patent has been assigned to **Greein Inc.**

2016348924 Inspired Designs Limited The patent has been assigned to **Wedgit International B.V.**

Assignments Registered

2016391690 PF Consumer Healthcare 1 LLC The patent has been assigned to **Castor Brands Company LLC**

2017101938 Bruckbauer, Wilhelm The patent has been assigned to **Werkhaus GmbH & Co. KG**

2017201576 Aria Products L.L.C. The patent has been assigned to **WANG, Daniel**

2017201823 Teleflex Life Sciences Unlimited Company The patent has been assigned to **TELEFLEX LIFE SCIENCES LLC**

2017204014 Aria Products L.L.C. The patent has been assigned to **WANG, Daniel**

2017248568 Ormco Corporation The patent has been assigned to **Kerr Corporation**

2017258814 Teleflex Life Sciences Unlimited Company The patent has been assigned to **TELEFLEX LIFE SCIENCES LLC**

2017260577 Janle, Tristan The patent has been assigned to **Rohlok Pty Ltd**

2017268659 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2017277779 Tyco Fire Products LP The patent has been assigned to **IPEX USA LLC**

2017281474 Bruckbauer, Wilhelm The patent has been assigned to **Werkhaus GmbH & Co. KG**

2017281588 Bruckbauer, Wilhelm The patent has been assigned to **Werkhaus GmbH & Co. KG**

2017289718 Chevron U.S.A. Inc; CRP Subsea Ltd The patent has been assigned to **Chevron U.S.A. Inc; Advanced Innergy Ltd**

2017323629 2seventy bio, Inc. The patent has been assigned to **Regeneron Pharmaceuticals, Inc.**

2017326323 Bruckbauer, Wilhelm The patent has been assigned to **Werkhaus GmbH & Co. KG**

2017332960 I-Mab Biopharma Co., Ltd. The patent has been assigned to **I-Mab Biopharma US Limited**

2017342273 2seventy bio, Inc. The patent has been assigned to **Regeneron Pharmaceuticals, Inc.**

2017349539 Toray Industries, Inc.; Nippon Telegraph and Telephone Corporation The patent has been assigned to **Nippon Telegraph and Telephone Corporation**

2017353879 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2017362484 2seventy bio, Inc. The patent has been assigned to **Regeneron Pharmaceuticals, Inc.**

2017374901 CDE Global Limited The patent has been assigned to **CDE Asia Limited**

2018208069 DeliVita Limited The patent has been assigned to **Gastronomy Plus Limited**

2018216823 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2018260954 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

Assignments Registered

2018262130 Nanotech Security Corp. The patent has been assigned to **Authentix, Inc.**

2018278944 Bruckbauer, Wilhelm The patent has been assigned to **Werkhaus GmbH & Co. KG**

2018301672 DDW Global Holdings, LLC The patent has been assigned to **Givaudan SA**

2018344267 Bruckbauer, Wilhelm The patent has been assigned to **Werkhaus GmbH & Co. KG**

2018390986 Tritium Pty Ltd The patent has been assigned to **Tritium Power Solutions Pty Ltd**

2018431199 GENESYS CLOUD SERVICES HOLDINGS II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2019202222 Sandisk Technologies, Inc. The patent has been assigned to **Western Digital Technologies, Inc.**

2019203675 BANDURIC, Richard The patent has been assigned to **ELECTRO-SCALAR HOLDINGS LLC**

2019212361 BASF SE The patent has been assigned to **BASF Mobile Emissions Catalysts LLC**

2019213208 Nylacast Ltd The patent has been assigned to **Nylacast Engineered Products Ltd**

2019242751 GENESYS CLOUD SERVICES HOLDINGS II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2019269737 Nottingham Spirk Design Associates The patent has been assigned to **POLAR DELIGHT, INC.**

2019270168 GENESYS CLOUD SERVICES HOLDINGS II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2019339331 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2019342612 VID SCALE, Inc. The patent has been assigned to **InterDigital VC Holdings, Inc.**

2020213418 Banduric, Richard The patent has been assigned to **ELECTRO-SCALAR HOLDINGS, LLC**

2020320890 Medshine Discovery Inc. The patent has been assigned to **CGeneTech (Suzhou, China) Co., Ltd.**

2021102987 Law on Earth IP Pty Ltd The patent has been assigned to **Thought Cave Pty Ltd**

2021103013 Nanchang University The patent has been assigned to **Jiangxi Fuchi Food Co., Ltd**

2021105061 Bruckbauer, Wilhelm The patent has been assigned to **Werkhaus GmbH & Co. KG**

2021105473 Tyrrells Administration Pty Ltd The patent has been assigned to **Survival IP Pty Ltd**

2021105765 Law on Earth IP Pty Ltd The patent has been assigned to **Thought Cave Pty Ltd**

2021105794 Tyrrells Administration Pty Ltd The patent has been assigned to **Survival IP Pty Ltd**

2021202071 Monsanto Technology LLC; Beeologics, Inc. The patent has been assigned to **GreenLight Biosciences, Inc.**

Assignments Registered

2022201775 2seventy bio, Inc. The patent has been assigned to **Regeneron Pharmaceuticals, Inc.**

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.

2014290298 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 12 Aug 2024

For the goods FABHALTA iptacopan

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.

2014290298 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 12 Aug 2024

For the goods FABHALTA iptacopan

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

2021202394 **Janssen Biotech, Inc.**

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

For the goods RYBREVANT amivantamab

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

Extensions granted

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

2011326454 **Merck Sharp & Dohme LLC**

The earliest first regulatory approval date provided by the patentee 12 Dec 2023

For the goods AQUIPTA atogepant

Extension of Term of patent pursuant to Section 77 expires on 10 Nov 2036

Corrigenda

In Vol 58 , No 28 , Page(s) 4173 under the heading **Applications Accepted - Name Index** Under the name SHANGHAI YIAO TECHNOLOGY CO. , LTD., Application No. 2023258364, under INID (72) correct the inventor names to SHI, Yunfei; JIANG, Cheng; ZHOU, Peng

In Vol 58 , No 34 , Page(s) 4916 under the heading **Amendments - Application for Amendments** Under the name Steering Solutions IP Holding Corporation, Application No. 2022202829 correct the date of the statements filed to read 31 Jul 2024 and 14 Aug 2024

In Vol 58 , No 40 , Page(s) 5763 under the heading **Assignments Before Grant, Section 113 - 2021** Under the name MA.MI. International S.R.L., Application No. 2021225485, under INID (71) correct applicant name to Ma.Mi. International S.r.l.

Corrigenda

In Vol 58 , No 41 , Page(s) 5915 under the heading **Assignments Before Grant, Section 113 - 2021** Under the name MA.MI. International S.R.L., Application No. 2021226196, under INID (71) correct applicant name to Ma.Mi. International S.r.l.

In Vol 58 , No 44 , Page(s) 6312 under the heading **Amendments - Application for Amendments** Under the name Universitat Bern, Patent No. 2015265865 correct the date of the statements filed to read 02 Sep 2024 and 10 Oct 2024

In Vol 58 , No 44 , Page(s) 6313 under the heading **Amendments - Application for Amendments** Under the name Apple Inc., Patent No. 20232000039 correct the date of the statements filed to read 12 Feb 2024 and 06 Mar 2024

Specifications Republished

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

2019270095

2019324521

Niantic, Inc.

Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft

2021289119

2021414245

HYUNDAI MOVE-X Co., Ltd.

QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.