



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	6478
Amendments Made	6479
Alteration of Name(s) of Applicant(s)/Patentee(s)	6481

Applications Accepted

Name Index	6564
Numerical Index	6601
IPC Index	6605

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	6474
---	------

Applications Open to Public Inspection

Name Index	6483
Numerical Index	6502
IPC Index	6504

Assignments before Grant, Section 113	6476
---	------

Assignments Registered	6614
------------------------------	------

Certified Innovation Patents

Name Index	6611
Numerical Index	6612
IPC Index	6613

Complete Applications Filed

Name Index	6464
Numerical Index	6472

Corrigenda	6617
------------------	------

Extensions of Term of Standard Patents	6617
--	------

Extensions of Time, Section 223	6477
Innovation Patents Open to Public Inspection	
Name Index	6507
Numerical Index	6508
IPC Index	6509
PCT applications which have entered the National Phase	
Name Index	6510
Numerical Index	6553
IPC Index	6557
Patents Granted	6614
Licences Registered	6616
Offer to Surrender	6614
Opposition Proceedings	6614
Provisional Applications Filed	
Name Index	6460
Numerical Index	6463
Specifications Republished	6617

General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 16 November 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Mölnlycke Health Care AB [2023] APO 56

Patent Application: 2017283178

Title: Procedure tray management

Patent Applicant: Mölnlycke Health Care AB

Delegate: Pradnya Satarkar

Decision Date: 8 November 2023

Hearing Date: 16 August 2023, via videoconference

Catchwords: **PATENTS** – examiner’s objection– manner of manufacture– management of surgical procedure trays– user interface– in substance directed to a mere scheme– alleged invention not a manner of manufacture– application refused

Representation: Patent attorney for the applicant: Ms Michelle Catto and Mr Charles Yip of FB Rice Pty Ltd

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 31 Oct 2023 .

(71) Andromeda IP Pty Ltd (21) 2023903503 (22) 01.11.2023 (54) MATERIALS FOR CARBON DIOXIDE AND/OR CARBON MONOXIDE CONVERSION	(71) ClearVue Technologies Ltd (21) 2023903558 (22) 06.11.2023 (54) Reduced Solar Heat Gain	(71) CyberCert Pty Ltd (21) 2023903514 (22) 01.11.2023 (54) SYSTEM AND METHOD FOR AUTOMATED SELF-ATTESTATION OF STANDARD CONFORMITY AND CERTIFICATION
(71) Australian National University (21) 2023903520 (22) 02.11.2023 (54) ELECTROCHEMICAL CELL AND USES THEREOF	(71) ClearVue Technologies Ltd (21) 2023903559 (22) 06.11.2023 (54) A Spandrel Window Unit	(71) Daemco Australia Pty Ltd (21) 2023903570 (22) 08.11.2023 (54) A Pipeline Joiner with Pretap Connectors
(71) Blue Carbon Pty Ltd (21) 2023903569 (22) 08.11.2023 (54) METHOD & SYSTEM FOR MEASURING, UNDERSTANDING AND MANAGING OCEANS	(71) Clements, S. (21) 2023903556 (22) 06.11.2023 (54) MECHANICAL/BIOLOGICAL WOOL HARVESTING	(71) Darkly Digital Pty Ltd (21) 2023903524 (22) 02.11.2023 (54) FIRE CONTROL SYSTEM FOR A DEVICE
(71) Breville Pty Limited (21) 2023903565 (22) 07.11.2023 (54) Method of altering beverage extraction profiles	(71) CyberCert Pty Ltd (21) 2023903506 (22) 01.11.2023 (54) SYSTEM AND METHOD FOR CONFORMITY ASSESSMENT AND CERTIFICATION REGISTRY MANAGEMENT	(71) Deakin University (21) 2023903572 (22) 08.11.2023 (54) Detection and quantitative measurement of ferritin in reduced volumes of biological samples
(71) Brussel, C. (21) 2023903546 (22) 04.11.2023 (54) Aqua Planter	(71) CyberCert Pty Ltd (21) 2023903507 (22) 01.11.2023 (54) SYSTEM AND METHOD FOR BUYER MANAGEMENT OF SUPPLIER STANDARD CERTIFICATION REQUIREMENTS	(71) DJD Projects Pty Ltd (21) 2023903564 (22) 07.11.2023 (54) MATERIAL PROCESSING
(71) Campbell, J. (21) 2023903568 (22) 07.11.2023 (54) IMPROVED CONCRETE TANK	(71) CyberCert Pty Ltd (21) 2023903508 (22) 01.11.2023 (54) SYSTEM AND METHOD FOR AUTOMATED SELF-ATTESTATION OF STANDARD CONFORMITY AND CERTIFICATION	(71) DOT DESIGN GROUP PTY LTD (21) 2023903527 (22) 03.11.2023 (54) Dexion Label Mounting Rail
(71) Cellumar Biotech Pty Ltd; Flinders University (21) 2023903544 (22) 03.11.2023 (54) METHODS AND COMPOSITIONS FOR TREATING SKIN	(71) CyberCert Pty Ltd (21) 2023903509 (22) 01.11.2023 (54) SYSTEM AND METHOD FOR REAL-TIME VISUALISATION OF SUPPLIER COMPLIANCE AGAINST CERTIFICATION REQUIREMENTS	(71) DSI Underground Australia Pty Limited (21) 2023903539 (22) 03.11.2023 (54) Self drilling point anchored bolt
(71) Chan, J. (21) 2023903523 (22) 02.11.2023 (54) A Fender Assembly		(71) Durey, A. (21) 2023903510 (22) 01.11.2023 (54) A DEVICE AND SYSTEM FOR DYNAMIC FITNESS TRAINING AND STRIKING

Provisional Applications Filed - Name Index cont'd

(71) ELM Global PTE LTD
(21) 2023903557 (22) 06.11.2023
(54) HOSE LOOM ASSEMBLY

(71) Ermera Pty Ltd
(21) 2023903521 (22) 02.11.2023
(54) Organiser for tourniquets

Flinders University see Cellumar Biotech Pty Ltd
(21) 2023903544

(71) Foley, R.
(21) 2023903526 (22) 02.11.2023
(54) Rest Ezi Mask / Sleep Ezi Mask Equine Mask/Veil specifically designed for Blue Light/Ultraviolet Light Blocking

(71) Global Boss International Pty Ltd
(21) 2023903530 (22) 03.11.2023
(54) Apparatus/process for producing liquid fertiliser

GORDON, A. see HANSEN, P.
(21) 2023903502

(71) Gretals Australia Pty Ltd
(21) 2023903533 (22) 03.11.2023
(54) FLAVONOID COMPOSITION

(71) HANSEN, P.; MUSCROFT-TAYLOR, A.; GORDON, A.; MILNE, R.
(21) 2023903502 (22) 01.11.2023
(54) Process for producing a protein product, and a protein product

(71) Hive Chilling IP Pty Ltd
(21) 2023903511 (22) 01.11.2023
(54) FLUID VESSEL SYSTEM

(71) Holt, M.
(21) 2023903553 (22) 06.11.2023
(54) Electrical Power Board

(71) Hyperdrive Kart Racing Pty Ltd
(21) 2023903538 (22) 03.11.2023
(54) Methods, systems and computer program products for monitoring and/controlling powered vehicles

(71) IRVINE, R.
(21) 2023903547 (22) 04.11.2023
(54) Use of Tracks on Wet Cutting Saws

(71) Kang, S.
(21) 2023903537 (22) 03.11.2023
(54) High Torque Retaining Washer Assembly

Killeen, D. see The New Zealand Institute for Plant and Food Research Limited
(21) 2023903516

(71) KRAMPE, G.
(21) 2023903545 (22) 04.11.2023
(54) Novel vectoring stealth tail plan for subsonic trans-sonic and supersonic aircraft incorporating high manoeuvrability, braking, and applicable to sub sea propulsion

(71) Lam, T.T.
(21) 2023903560 (22) 07.11.2023
(54) CABLE STAYED STRUCTURE FOR WAVE ENERGY SYSTEM

(71) Laronix Pty Ltd
(21) 2023903513 (22) 01.11.2023
(54) System and method for artificial voice generation

(71) Lord, I.
(21) 2023903531 (22) 03.11.2023
(54) Foldable Shelter

(71) MANSON ANCHORS LIMITED
(21) 2023903566 (22) 07.11.2023
(54) THROUGH HULL ANCHOR SYSTEM

(71) Marschall, M.
(21) 2023903561 (22) 07.11.2023
(54) An Improved Suspension System

(71) Meisenhelter, S.
(21) 2023903536 (22) 03.11.2023
(54) A BEAUTY CASE

MILNE, R. see HANSEN, P.
(21) 2023903502

(71) Mindspark Technologies Pty Ltd
(21) 2023903499 (22) 01.11.2023
(54) IMPROVED ROCK MOVEMENT SENSOR

(71) MISSION SYSTEMS HOLDINGS PTY LTD
(21) 2023903562 (22) 07.11.2023
(54) ANTENNA MODULE

(71) Monash University; The Walter and Eliza Hall Institute of Medical Research
(21) 2023903540 (22) 03.11.2023
(54) Antibodies for binding to CD80

(71) Monash University; The Walter and Eliza Hall Institute of Medical Research
(21) 2023903541 (22) 03.11.2023
(54) Bispecific proteins

(71) MORSE MICRO PTY. LTD.
(21) 2023903512 (22) 01.11.2023
(54) Methods and Devices for Short Frame Protection in a Wireless Communication Network

MUSCROFT-TAYLOR, A. see HANSEN, P.
(21) 2023903502

(71) Musgrave, A.
(21) 2023903574 (22) 08.11.2023
(54) Electronic Betting Rehabilitation Tool

(71) Nunhems B.V.
(21) 2023903571 (22) 08.11.2023
(54) TOMATO VARIETY NUN 05073 TOF

(71) Odour Technologies Pty Ltd
(21) 2023903563 (22) 07.11.2023
(54) Improved wastewater valve arrangement

(71) Overby, T.
(21) 2023903519 (22) 02.11.2023
(54) Ladder stabilising apparatus

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2023903532

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2023903550

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2023903551

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2023903532 (22) 03.11.2023
(54) PATIENT INTERFACE

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2023903550 (22) 06.11.2023
(54) PATIENT INTERFACE

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2023903551 (22) 06.11.2023
(54) POSITIONING AND STABILISING STRUCTURE FOR A PATIENT INTERFACE

Provisional Applications Filed - Name Index cont'd

(71) Rokai Pty Ltd
 (21) 2023903542 (22) 03.11.2023
 (54) A STRUCTURAL BUILDING MEMBER,
 AND METHOD OF USE FOR CON-
 STRUCTION PURPOSES

(71) SISTECH PRODUCTS SG PTE. LTD.
 (21) 2023903529 (22) 03.11.2023
 (54) Access Control Device and Housing

Smith, J.M. see Smith, D.V.
 (21) 2023903543

(71) Smith, D.V.; Smith, J.M.; Young, J.W.K.
 (21) 2023903543 (22) 03.11.2023
 (54) Recovery of metal from sulphide bear-
 ing materials with production of water
 soluble sulphides

(71) Snoretex Ltd
 (21) 2023903505 (22) 01.11.2023
 (54) USE OF TETANUS NEUROTOXIN
 FOR THERAPY

(71) Snoretex Pty Ltd
 (21) 2023903501 (22) 01.11.2023
 (54) USE OF TETANUS NEUROTOXIN
 FOR THERAPY

(71) STIP Pty Ltd
 (21) 2023903552 (22) 06.11.2023
 (54) Snow grooming apparatus for a snow
 sport apparatus

(71) STIP Pty Ltd
 (21) 2023903554 (22) 06.11.2023
 (54) A snow sport apparatus

(71) STIP Pty Ltd
 (21) 2023903555 (22) 06.11.2023
 (54) Snow sport apparatus

(71) Systems Chall-Enger Pty Ltd
 (21) 2023903515 (22) 02.11.2023
 (54) Online Sporting Arena with Perform-
 ance Comparison System

(71) Systems IP Pty Ltd
 (21) 2023903567 (22) 07.11.2023
 (54) A GOAL HOOP SUPPORT ASSEMBLY

(71) Tailings and Pipeline Solutions Pty Ltd
 (21) 2023903522 (22) 02.11.2023
 (54) Centriclone

(71) The New Zealand Institute for Plant and
 Food Research Limited; Killeen, D.; To-
 pal, T.

(21) 2023903516 (22) 02.11.2023
 (54) NATURAL DEEP EUTECTIC SYS-
 TEMS

(71) The University of Adelaide
 (21) 2023903504 (22) 01.11.2023
 (54) CATHODE MATERIALS FOR ION BAT-
 TERIES

(71) The University of Sydney; Wenger, S.
 (21) 2023903525 (22) 02.11.2023
 (54) Process and apparatus for capturing
 CO2

The Walter and Eliza Hall Institute of Med-
 ical Research see Monash University
 (21) 2023903540

The Walter and Eliza Hall Institute of Med-
 ical Research see Monash University
 (21) 2023903541

(71) THREE POINTS TECHNOLOGY PTY
 LTD
 (21) 2023903517 (22) 02.11.2023
 (54) A DEVICE FOR MONITORING THE
 EMISSION FROM A HIGH POINT
 VENT ON A WATER PIPING SYSTEM

Topal, T. see The New Zealand Institute for
 Plant and Food Research Limited
 (21) 2023903516

(71) Tour Boss Enterprises Pty Ltd
 (21) 2023903518 (22) 02.11.2023
 (54) DRIVING EVENT MANAGEMENT
 SYSTEM

(71) TOWER FOUNDATIONS LIMITED
 (21) 2023903528 (22) 03.11.2023
 (54) MONOPOLE TOWER FOUNDATION

(71) Tractive Motion Technologies Pty Lim-
 ited
 (21) 2023903549 (22) 05.11.2023
 (54) IMPROVED MANUFACTURING
 METHODS AND SYSTEMS, COM-
 PONENTS THERFOR AND PRODUCT
 PRODUCED USING SAME

(71) Trade Tales
 (21) 2023903500 (22) 01.11.2023
 (54) Global Trade Market place

Wenger, S. see The University of Sydney
 (21) 2023903525

(71) Y4PS Biotechnology Pty Ltd
 (21) 2023903548 (22) 05.11.2023
 (54) Communication Translations Support

Young, J.W.K. see Smith, D.V.
 (21) 2023903543

Numerical Index

2023903499	Mindspark Technologies Pty Ltd	2023903565	Breville Pty Limited
2023903500	Trade Tales	2023903566	MANSON ANCHORS LIMITED
2023903501	Snoretex Pty Ltd	2023903567	Systems IP Pty Ltd
2023903502	HANSEN, P.; MUSCROFT-TAYLOR, A.; GORDON, A.; MILNE, R.	2023903568	Campbell, J.
2023903503	Andromeda IP Pty Ltd	2023903569	Blue Carbon Pty Ltd
2023903504	The University of Adelaide	2023903570	Daemco Australia Pty Ltd
2023903505	Snoretex Ltd	2023903571	Nunhems B.V.
2023903506	CyberCert Pty Ltd	2023903572	Deakin University
2023903507	CyberCert Pty Ltd	2023903574	Musgrave, A.
2023903508	CyberCert Pty Ltd		
2023903509	CyberCert Pty Ltd		
2023903510	Durey, A.		
2023903511	Hive Chilling IP Pty Ltd		
2023903512	MORSE MICRO PTY. LTD.		
2023903513	Laronix Pty Ltd		
2023903514	CyberCert Pty Ltd		
2023903515	Systems Chall-Enger Pty Ltd		
2023903516	The New Zealand Institute for Plant and Food Research Limited; Killeen, D.; Topal, T.		
2023903517	THREE POINTS TECHNOLOGY PTY LTD		
2023903518	Tour Boss Enterprises Pty Ltd		
2023903519	Overby, T.		
2023903520	Australian National University		
2023903521	Ermera Pty Ltd		
2023903522	Tailings and Pipeline Solutions Pty Ltd		
2023903523	Chan, J.		
2023903524	Darkly Digital Pty Ltd		
2023903525	The University of Sydney; Wenger, S.		
2023903526	Foley, R.		
2023903527	DOT DESIGN GROUP PTY LTD		
2023903528	TOWER FOUNDATIONS LIMITED		
2023903529	SISTECH PRODUCTS SG PTE. LTD.		
2023903530	Global Boss International Pty Ltd		
2023903531	Lord, I.		
2023903532	ResMed Pty Ltd; ResMed Asia Pte. Ltd.		
2023903533	Gretals Australia Pty Ltd		
2023903536	Meisenhelter, S.		
2023903537	Kang, S.		
2023903538	Hyperdrive Kart Racing Pty Ltd		
2023903539	DSI Underground Australia Pty Limited		
2023903540	Monash University; The Walter and Eliza Hall Institute of Medical Research		
2023903541	Monash University; The Walter and Eliza Hall Institute of Medical Research		
2023903542	Rokai Pty Ltd		
2023903543	Smith, D.V.; Smith, J.M.; Young, J.W.K.		
2023903544	Cellumar Biotech Pty Ltd; Flinders University		
2023903545	KRAMPE, G.		
2023903546	Brussel, C.		
2023903547	IRVINE, R.		
2023903548	Y4PS Biotechnology Pty Ltd		
2023903549	Tractive Motion Technologies Pty Limited		
2023903550	ResMed Pty Ltd; ResMed Asia Pte. Ltd.		
2023903551	ResMed Pty Ltd; ResMed Asia Pte. Ltd.		
2023903552	STIP Pty Ltd		
2023903553	Holt, M.		
2023903554	STIP Pty Ltd		
2023903555	STIP Pty Ltd		
2023903556	Clements, S.		
2023903557	ELM Global PTE LTD		
2023903558	ClearVue Technologies Ltd		
2023903559	ClearVue Technologies Ltd		
2023903560	Lam, T.T.		
2023903561	Marschall, M.		
2023903562	MISSION SYSTEMS HOLDINGS PTY LTD		
2023903563	Odour Technologies Pty Ltd		
2023903564	DJD Projects Pty Ltd		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 31 Oct 2023 .

. (*) Title not in Roman characters

. (**) Title not given

(71) 1 Space Pty Ltd
(21) 2023258445 (22) 03.11.2023
(54) Modular Buildings

(71) 4TEEN4 Pharmaceuticals GmbH
(21) 2023258417 (22) 02.11.2023
(54) Methods for determining DPP3 and therapeutic methods

(71) Ab Initio Technology LLC
(21) 2023258402 (22) 02.11.2023
(54) TECHNIQUES FOR DYNAMICALLY DEFINING A DATA RECORD FORMAT

(71) air up group GmbH
(21) 2023254979 (22) 26.10.2023
(54) Drinking device
(62) 2018302386

(71) Alroy, B.
(21) 2023255006 (22) 26.10.2023
(54) EOL Module to re-purpose end of life solar panels

(71) Amgen Inc.
(21) 2023254952 (22) 25.10.2023
(54) Variants of tissue inhibitor of metalloproteinase type three (TIMP-3), compositions and methods
(62) 2021269437

(71) Amicro Semiconductor Co., Ltd.
(21) 2023254997 (22) 26.10.2023
(54) Recharging Control Method of Desktop Robot
(62) 2019438843

(71) Angel Group Co., Ltd.
(21) 2023254961 (22) 26.10.2023
(54) Table game management system, gaming table layout, and gaming table
(62) 2019216571

(71) Apple Inc.
(21) 2023258443 (22) 03.11.2023
(54) Activity trends and workouts

(71) Aprofol AG
(21) 2023258405 (22) 02.11.2023
(54) Folate salts for medical use

(71) Arbutus Biopharma Corporation
(21) 2023255012 (22) 27.10.2023
(54) Novel lipids and compositions for the delivery of therapeutics
(62) 2023200568

(71) Aristocrat Technologies, Inc.
(21) 2023258437 (22) 03.11.2023
(54) IMPROVED SPIN REQUEST WORKFLOW FOR A HOSTED GAMING ENVIRONMENT

(71) Aristocrat Technologies, Inc.
(21) 2023258440 (22) 03.11.2023
(54) DUAL-LATCH MECHANISM

(71) Aristocrat Technologies, Inc.
(21) 2023258442 (22) 03.11.2023
(54) SYSTEM AND METHOD FOR CHANGING BEACON IDENTIFIERS FOR SECURE MOBILE COMMUNICATIONS

(71) Arrowhead Pharmaceuticals, Inc
(21) 2023255025 (22) 27.10.2023
(54) Targeting ligands
(62) 2017320582

(71) Asahi Kasei Kabushiki Kaisha
(21) 2023254953 (22) 25.10.2023
(54) RAW MATERIAL LIQUID CONCENTRATION SYSTEM
(62) 2020283364

(71) Asahi Kasei Kabushiki Kaisha
(21) 2023258461 (22) 03.11.2023
(54) Device, method, and program

Asia Fastening (US), Inc. see Nucor Corporation
(21) 2023263431

(71) BAKER HUGHES HOLDINGS LLC
(21) 2023263422 (22) 06.11.2023
(54) INTERNAL ASSET MODEL RECONSTRUCTION FOR INSPECTION

(71) Baker Hughes Oilfield Operations LLC
(21) 2023258433 (22) 03.11.2023
(54) Mechanical stepper

(71) Barro Group Pty Ltd
(21) 2023258436 (22) 03.11.2023
(54) Concrete composition

(71) Battelle Memorial Institute
(21) 2023255033 (22) 27.10.2023
(54) A RADIO FREQUENCY (RF) SYSTEM WITH A DIFFERENTIAL SEGMENTED APERTURE
(62) 2020294508

Baxter, J. see Harper, G.
(21) 2023258427

(71) Baxter Healthcare SA; Baxter International Inc.
(21) 2023254973 (22) 26.10.2023
(54) A water purification apparatus and a method for controlling at least one fluid property in a water purification apparatus
(62) 2018285814

Baxter International Inc. see Baxter Healthcare SA
(21) 2023254973

(71) Bayer CropScience Aktiengesellschaft
(21) 2023263424 (22) 06.11.2023
(54) Agrochemical formulation based on emulsion polymers

(71) Baymatob Pty Ltd
(21) 2023255029 (22) 27.10.2023
(54) Apparatus for monitoring pregnancy or labour
(62) 2017371395

(71) BEAUTIFUL WINDOW FASHIONS CO., LTD.; TAICANG KINGFU PLASTIC MANUFACTURE CO., LTD.
(21) 2023258416 (22) 02.11.2023
(54) JALOUSIE WINDOW DEVICE

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(21) 2023258398 (22) 02.11.2023
(54) Method and apparatus for coupling superconducting qubit, electronic device, computer medium

Complete Applications Filed - Name Index cont'd

<p>(71) Bioniz Therapeutics, Inc. (21) 2023255027 (22) 27.10.2023 (54) Modulating gamma-C-cytokine activity (62) 2021203530</p>	<p>(54) Steering control system</p>	<p>(71) Copan Italia S.p.A. (21) 2023255018 (22) 27.10.2023 (54) SUPPORT FOR THE PRESERVATION OF BIOLOGICAL SAMPLES AND CORRELATED METHOD OF PRODUCTION (62) 2018374628</p>
<p>(71) Blackhawk Network, Inc. (21) 2023258434 (22) 03.11.2023 (54) A system for payment via electronic wallet</p>	<p>(71) CEANFERGAIL PTY LTD (21) 2023258463 (22) 05.11.2023 (54) IMPROVEMENTS IN GATE TECHNOLOGY, INCLUDING REINFORCED GRADUATED MESH STAY GATES</p>	<p>(71) Cotton Seed Distributors Ltd; Commonwealth Scientific and Industrial Research Organisation (21) 2023258381 (22) 01.11.2023 (54) Cotton Variety Sciot 746B3F</p>
<p>(71) BL Technologies, Inc. (21) 2023258415 (22) 02.11.2023 (54) FLOATING APPARATUS FOR MEMBRANE BIOFILM REACTOR AND PROCESS FOR WATER TREATMENT</p>	<p>(71) Cell Cure Neurosciences Ltd. (21) 2023255009 (22) 27.10.2023 (54) METHODS OF TREATING RETINAL DISEASES (62) 2021229196</p>	<p>Covey Associates Pty. Ltd. see Steriline Racing Pty Ltd (21) 2023258423</p>
<p>(71) Boston Scientific Scimed, Inc. (21) 2023263444 (22) 07.11.2023 (54) Adhesive penile construction template and urethra scaffold tube for neophallus surgery</p>	<p>(71) Chiasma, Inc. (21) 2023255036 (22) 27.10.2023 (54) Terlipressin compositions and their methods of use (62) 2017345720</p>	<p>(71) CREDIT CLEAR INTERNATIONAL PTY LTD (21) 2023254966 (22) 26.10.2023 (54) METHOD AND SYSTEM FOR RECEIVING A DEBT PAYMENT (62) 2021218134</p>
<p>(71) Boston Scientific Scimed, Inc. (21) 2023263445 (22) 07.11.2023 (54) Inflatable penile prosthesis with a structured cylinder</p>	<p>(71) CLENERGY TECHNOLOGY CO., LTD. (21) 2023263458 (22) 07.11.2023 (54) CABLE CLAMP FOR PHOTOVOLTAIC POWER PLANT</p>	<p>(71) Crispr Therapeutics AG (21) 2023254944 (22) 25.10.2023 (54) MATERIALS AND METHODS FOR TREATMENT OF FRIEDREICH ATAXIA AND OTHER RELATED DISORDERS (62) 2017290614</p>
<p>(71) Bristol-Myers Squibb Company (21) 2023255024 (22) 27.10.2023 (54) SULFONE PYRIDINE ALKYL AMIDE-SUBSTITUTED HETEROARYL COMPOUNDS (62) 2022228101</p>	<p>(71) Clifton Life Sciences LLC (21) 2023258444 (22) 03.11.2023 (54) Compositions, methods and kits for diagnosis of a gastroenteropancreatic neuroendocrine neoplasm</p>	<p>(71) Daewoong Therapeutics Inc. (21) 2023255001 (22) 26.10.2023 (54) Pharmaceutical composition for preventing or treating ocular disease comprising enavogliflozin</p>
<p>(71) Bucher Municipal Pty Ltd (21) 2023255023 (22) 27.10.2023 (54) Refuse collection vehicle for recyclable and other waste material (31) 2022903214 (32) 28.10.22 (33) AU</p>	<p>Commonwealth Scientific and Industrial Research Organisation see Cotton Seed Distributors Ltd (21) 2023258381</p>	<p>(71) Deere & Company (21) 2023255010 (22) 27.10.2023 (54) Machine control based on measured soil strength (31) 18/056,939 (32) 18.11.22 (33) US</p>
<p>(71) Bullfrog International, LC. (21) 2023263438 (22) 07.11.2023 (54) SYSTEMS AND METHODS FOR A SPA JET SELECTIVELY ADJUSTABLE ALONG A WIDTH</p>	<p>(71) Communication Components Antenna Inc. (21) 2023255039 (22) 27.10.2023 (54) AN INTEGRATED REMOTE RADIO HEAD AND ANTENNA MODULE ASSEMBLY (31) 17/978881 (32) 01.11.22 (33) US 18/471287 20.09.23 US</p>	<p>(71) Deere & Company (21) 2023255016 (22) 27.10.2023 (54) Controlling components of row unit based on soil strength (31) 18/056,933 (32) 18.11.22 (33) US</p>
<p>(71) Capital One Services, LLC (21) 2023258419 (22) 02.11.2023 (54) Systems and methods for cryptographic authentication of contactless cards</p>	<p>(71) Conen, A. (21) 2023255005 (22) 26.10.2023 (54) Exercise Device (62) PCT/IB2022/052841</p>	<p>(71) Deere & Company (21) 2023255022 (22) 27.10.2023 (54) Generating soil strength metric during row unit operation and controlling row unit (31) 18/056,935 (32) 18.11.22 (33) US</p>
<p>(71) Capital One Services, LLC (21) 2023263471 (22) 08.11.2023 (54) Using a contactless card to securely share personal data stored in a blockchain</p>	<p>(71) Connor Collins, J.G. (21) 2023263433 (22) 07.11.2023 (54) Business system integration process</p>	<p>(71) DEMATIC GMBH (21) 2023258411 (22) 02.11.2023</p>
<p>(71) Carlson Paving Products, Inc. (21) 2023263440 (22) 07.11.2023</p>	<p>(71) CONRAD, C. (21) 2023254989 (22) 26.10.2023 (54) REAL-TIME KEY PERFORMANCE INDICATOR (31) 17/975,930 (32) 28.10.22 (33) US</p>	

Complete Applications Filed - Name Index cont'd

(54) Method and device for cleaning a storage rack and a system and arrangement having such a device

(71) Dolby International AB
(21) 2023255020 (22) 27.10.2023
(54) Backward-compatible integration of high frequency reconstruction techniques for audio signals
(62) 2021240113

(71) Ecolab USA Inc.
(21) 2023255040 (22) 27.10.2023
(54) Methods for forming peroxyformic acid and uses thereof
(62) 2021218006

(71) Epizyme, Inc.
(21) 2023254992 (22) 26.10.2023
(54) CREBBP related cancer therapy
(62) 2017302554

(71) EQUIFAX, INC.; FIDELITY INFORMATION SERVICES, LLC
(21) 2023263428 (22) 06.11.2023
(54) UNIVERSAL DIGITAL IDENTITY AUTHENTICATION SERVICE

(71) Equifax Inc.
(21) 2023258421 (22) 02.11.2023
(54) Verifying an identity based on multiple distributed data sources using a blockchain to safeguard the identity

(71) ERESERVE PTY LTD
(21) 2023258455 (22) 03.11.2023
(54) System for the Monitoring of Copyrighted Material

(71) ERICO International Corporation
(21) 2023263443 (22) 07.11.2023
(54) Modular support system and clamp

(71) ESS Tech, Inc.
(21) 2023263432 (22) 06.11.2023
(54) Electrolytes for iron flow battery

(71) F. Hoffmann-La Roche AG
(21) 2023254978 (22) 26.10.2023
(54) New forms of pyrido[1,2-a]pyrimidin-4-one derivatives, its formulation and its process of making
(62) 2022215189

FIDELITY INFORMATION SERVICES, LLC see EQUIFAX, INC.
(21) 2023263428

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2023258426 (22) 03.11.2023
(54) RESPIRATORY ASSISTANCE APPARATUS

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(21) 2023258388 (22) 01.11.2023
(54) Downmixer and method of downmixing

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(21) 2023263436 (22) 07.11.2023
(54) Optimizing audio delivery for virtual reality applications

(71) Fresenius Kabi Deutschland GmbH
(21) 2023259220 (22) 06.11.2023
(54) Needleless IV injection port

(71) Fresenius Kabi Deutschland GmbH
(21) 2023259624 (22) 06.11.2023
(54) Needleless IV injection port

(71) G & G Engineering (Aust) Pty Ltd
(21) 2023254984 (22) 26.10.2023
(54) Infrastructure pit lid (cover) locking mechanism

(71) G9 Holdings, LLC
(21) 2023258424 (22) 02.11.2023
(54) PROJECTILE WITH ENHANCED BALLISTICS

(71) Gekkotek Pty Ltd
(21) 2023263449 (22) 07.11.2023
(54) BOREHOLE INSPECTION TOOL

(71) Geneius Biotechnology, Inc.
(21) 2023254998 (22) 26.10.2023
(54) T cell compositions for immunotherapy
(62) 2017290119

Genethon see Universite d'Evry Val d'Essonne
(21) 2023258449

(71) Gen-Probe Incorporated
(21) 2023263460 (22) 08.11.2023
(54) Systems and methods for reading machine-readable marks on racks and receptacles

(71) Getac Technology Corporation
(21) 2023254957 (22) 25.10.2023
(54) MOBILE DEVICE AND SWITCHING METHOD OF INPUT METHOD THEREOF
(31) 202310667735.9 (32) 07.06.23 (33) CN

(71) Getac Technology Corporation
(21) 2023254990 (22) 26.10.2023
(54) Fan speed control method and device
(31) 202310699543.6 (32) 14.06.23 (33) CN

(71) GE Video Compression, LLC
(21) 2023258453 (22) 03.11.2023
(54) Sample array coding for low-delay

(71) Google LLC
(21) 2023254951 (22) 25.10.2023
(54) JOSEPHSON PARAMETRIC COUPLER
(62) 2020391183

(71) GRABRECK, A.
(21) 2023258464 (22) 06.11.2023
(54) METHOD AND APPARATUS FOR RAPID ROCK AND SOIL TESTING

(71) Grant Prideco, Inc.
(21) 2023254985 (22) 26.10.2023
(54) Device, system and method for preventing scale
(31) 22211659.2 (32) 06.12.22 (33) EP

(71) Guangdong Crystal Island Healthwise Co., Ltd.
(21) 2023254995 (22) 26.10.2023
(54) Embedded tank
(31) 202211344873.5 (32) 31.10.22 (33) CN

(71) GW Research Limited
(21) 2023258400 (22) 02.11.2023
(54) Use of cannabinoids in the treatment of epilepsy

(71) Harper, G.; Baxter, J.
(21) 2023258427 (22) 03.11.2023
(54) SLIDE AND RIDE SYSTEM

(71) Hernandez, D.
(21) 2023255031 (22) 27.10.2023
(54) Apparatus for reducing snoring
(62) 2019310437

(71) Hoselink Pty Ltd
(21) 2023254975 (22) 26.10.2023
(54) REEL SPOOLING DEVICE
(31) 2022904000 (32) 23.12.22 (33) AU

(71) Huawei Technologies Co., Ltd.
(21) 2023254981 (22) 26.10.2023
(54) ENCODER, DECODER AND CORRESPONDING METHODS OF MOST PROBABLE MODE LIST CONSTRUCTION FOR BLOCKS WITH MULTI-HYPOTHESIS PREDICTION
(62) 2019386917

Complete Applications Filed - Name Index cont'd

<p>(71) Huawei Technologies Co., Ltd. (21) 2023258412 (22) 02.11.2023 (54) PAGING METHOD AND APPARATUS</p>	<p>(54) A cable tie tensioning and cut-off tool (31) EP22208441.0 (32) 18.11.22 (33) EP EP22211262.5 02.12.22 EP</p>	<p>(54) Vehicle operation assist system</p>
<p>(71) Hundegger, H. (21) 2023255038 (22) 27.10.2023 (54) WOODEN LONG PRODUCT SORT- ING DEVICE (31) 10 2023 100 029.2 (32) 02.01.23 (33) DE</p>	<p>(71) Indefatigable Holdings Pty Ltd (21) 2023258462 (22) 03.11.2023 (54) PICKET SUPPORT</p>	<p>(71) Katholieke Universiteit Leuven (21) 2023258457 (22) 03.11.2023 (54) LIVE-ATTENUATED FLAVIRUSES WITH HETEROLOGOUS ANTIGENS</p>
<p>Icahn School of Medicine at Mount Sinai see King's College London (21) 2023258448</p>	<p>(71) Industro International Co., Ltd. (21) 2023263455 (22) 07.11.2023 (54) BLADE CONTAINER OPERABLE TO SEVER A BLADE</p>	<p>(71) King's College London; Icahn School of Medicine at Mount Sinai (21) 2023258448 (22) 03.11.2023 (54) Adeno-associated virus vector</p>
<p>(71) Identitii Limited (21) 2023255004 (22) 26.10.2023 (54) A computer implemented method for processing a financial transaction and a system therefor (62) 2021245103</p>	<p>(71) Industro International Co., Ltd. (21) 2023263456 (22) 07.11.2023 (54) HANGABLE SHEATH ASSEMBLY</p>	<p>(71) Kookmin University Industry Academy Cooperation Foundation (21) 2023254967 (22) 26.10.2023 (54) Hydrogen production system and hydrogen production method using biochar oven (31) 10-2022-0139975 (32) 27.10.22 (33) KR 10-2023-0141904 23.10.23 KR</p>
<p>(71) IGT (21) 2023254958 (22) 26.10.2023 (54) FUNDING OF PREPAID ACCESS AC- COUNT ASSOCIATED WITH GAMING ESTABLISHMENT ACCOUNT MAN- AGEMENT SYSTEM (31) 17/991,515 (32) 21.11.22 (33) US</p>	<p>(71) Innospec Limited (21) 2023254983 (22) 26.10.2023 (54) METHOD AND USE (62) 2018244799</p>	<p>(71) Kyote Fire, LLC (21) 2023255032 (22) 27.10.2023 (54) PORTABLE HEATING DEVICE (31) 18/329,917 (32) 06.06.23 (33) US</p>
<p>(71) IGT (21) 2023254959 (22) 26.10.2023 (54) BENEFITS FOR RETAIL PURCHASES EMPLOYING DEBIT CARD ASSOCI- ATED WITH GAMING ESTABLISH- MENT ACCOUNT MANAGEMENT SYSTEM (31) 17/992,544 (32) 22.11.22 (33) US</p>	<p>INSERM (Institut National de la Santé et de la Recherche Médicale) see Universite d'Evry Val d'Essonne (21) 2023258449</p>	<p>(71) L.E.A.F. Holdings Group LLC (21) 2023263441 (22) 07.11.2023 (54) Alpha And Gamma-D Polyglutamated Antifolates And Uses Thereof</p>
<p>(71) IGT (21) 2023254960 (22) 26.10.2023 (54) DEBIT CARD INTEGRATED WITH GAMING ESTABLISHMENT AC- COUNT MANAGEMENT SYSTEM (31) 17/991,557 (32) 21.11.22 (33) US</p>	<p>(71) IP Key Pty Ltd (21) 2023258413 (22) 02.11.2023 (54) Frameworks and methodologies con- figured to enable integration of booking and access control for service providers</p>	<p>(71) L.E.A.F. Holdings Group LLC (21) 2023263442 (22) 07.11.2023 (54) Polyglutamated Antifolates And Uses Thereof</p>
<p>(71) IGT (21) 2023254991 (22) 26.10.2023 (54) Skill-Based Bonus Game Building in a Gaming System (62) 2018278845</p>	<p>(71) Janssen Biotech, Inc. (21) 2023254982 (22) 26.10.2023 (54) Safe and effective method of treating psoriasis with anti-IL23 specific anti- body (62) 2017336799</p>	<p>(71) L3Harris Technologies, Inc. (21) 2023263459 (22) 08.11.2023 (54) RADIO FREQUENCY (RF) COM- MUNICATIONS SYSTEM HAVING RF NODES THAT DETERMINE A DESPREADING SEQUENCE AND PHASE AND TIMING OFFSETS FOR FREQUENCY AGILITY</p>
<p>(71) Illinois Tool Works Inc. (21) 2023254963 (22) 26.10.2023 (54) Portable power tool (31) 2211682 (32) 09.11.22 (33) FR</p>	<p>(71) Jilin Academy of Agricultural Sciences (Northeast Agricultural Research Cen- ter of China) (21) 2023263473 (22) 08.11.2023 (54) SNP MUTATION SITE OF HADHB GENE OF BEEF CATTLE AND USE THEREOF</p>	<p>(71) Lam, T.T. (21) 2023255003 (22) 26.10.2023 (54) WHEEL LIKE STRUCTURE FOR WAVE ENERGY SYSTEM</p>
<p>(71) Illinois Tool Works Inc. (21) 2023254986 (22) 26.10.2023</p>	<p>(71) Jinhua Shengxiang Tools Co., Ltd (21) 2023254969 (22) 26.10.2023 (54) MULTI-FUNCTIONAL SAW (31) 202320334308.4 (32) 04.05.23 (33) CN</p>	<p>(71) Lashify, Inc. (21) 2023258430 (22) 03.11.2023 (54) Stacking artificial lash extensions</p>
<p>(71) Joy Civil Pty Ltd (21) 2023254999 (22) 26.10.2023 (54) Threaded fastener assembly</p>	<p>(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI (21) 2023263446 (22) 07.11.2023</p>	<p>(71) Lendlease Construction (Southern) Pty Limited (21) 2023255002 (22) 26.10.2023 (54) Safety Barrier Support (62) 2016247056</p>

Complete Applications Filed - Name Index cont'd

(71) LG Electronics Inc.
(21) 2023263426 (22) 06.11.2023
(54) Image decoding method and device therefor

(71) LIFETIME PRODUCTS, INC.
(21) 2023254974 (22) 26.10.2023
(54) Tables with nesting table tops
(62) 2021221928

(71) Lightcast Discovery Ltd
(21) 2023258394 (22) 01.11.2023
(54) Microdroplet manipulation device

(71) Longkou Yongan Vehicle Window Co., Ltd.
(21) 2023255000 (22) 26.10.2023
(54) Light-transmitting module and recreational vehicle window comprising the same
(31) 2023219463512 (32) 24.07.23 (33) CN

(71) Massachusetts Eye and Ear Infirmary
(21) 2023258414 (22) 02.11.2023
(54) METHODS AND COMPOSITIONS FOR REGENERATING HAIR CELLS AND/OR SUPPORTING CELLS

(71) MAX CO., LTD.
(21) 2023254949 (22) 25.10.2023
(54) BINDING MACHINE
(31) 2022-171064 (32) 26.10.22 (33) JP

(71) Maxwell and Higgs Pty Ltd
(21) 2023254956 (22) 25.10.2023
(54) PROTECTION DEVICE FOR A TOWED VEHICLE

(71) Meltix Limited
(21) 2023258409 (22) 02.11.2023
(54) IMPROVEMENTS IN AND RELATING TO METHODS AND APPARATUS FOR THE MANUFACTURE OF PLASTICS AND PRODUCTS THEREFROM, INCLUDING PARTS AND COMPONENTS THEREFOR

(71) MFTB Holdco, Inc.
(21) 2023258408 (22) 02.11.2023
(54) Automated generation of building floor plans having associated absolute locations using multiple data capture devices

(71) MFTB Holdco, Inc.
(21) 2023259796 (22) 06.11.2023
(54) Automated generation of building floor plans having associated absolute locations using coordination of multiple data sets

(71) Miller, S.
(21) 2023258410 (22) 02.11.2023
(54) Optical coupler for optical imaging visualization device

(71) Minerva Neurosciences, Inc.
(21) 2023258386 (22) 01.11.2023
(54) Compositions comprising 2-((1-(2-(4-Fluorophenyl)-2-oxoethyl)piperidin-4-yl)methyl)isoindolin-1-one for treating schizophrenia

(71) ModernaTX, Inc.
(21) 2023263451 (22) 07.11.2023
(54) IN VIVO PRODUCTION OF PROTEINS

(71) Mohan, K.
(21) 2023258441 (22) 03.11.2023
(54) AN AIR CONDITIONING SYSTEM

(71) Monsanto Technology LLC
(21) 2023258401 (22) 02.11.2023
(54) Microencapsulated herbicides

(71) MosSmith Industries, Inc.
(21) 2023258418 (22) 02.11.2023
(54) Emergency response system

National University of Singapore see Nkarta, Inc.
(21) 2023263434

(71) Nicoventures Trading Limited
(21) 2023254977 (22) 26.10.2023
(54) Inductor coil for an aerosol provision device
(62) 2020286112

(71) Nkarta, Inc.; National University of Singapore
(21) 2023263434 (22) 07.11.2023
(54) TRUNCATED NKG2D CHIMERIC RECEPTORS AND USES THEREOF IN NATURAL KILLER CELL IMMUNOTHERAPY

(71) Norwood Industries Inc.
(21) 2023263439 (22) 07.11.2023
(54) PLANER / MOULDER DRUM BRAKE

(71) Novartis AG; The Trustees of the University of Pennsylvania
(21) 2023263469 (22) 08.11.2023
(54) Treatment and prevention of cytokine release syndrome using a chimeric antigen receptor in combination with a kinase inhibitor

(71) Nucor Corporation; Asia Fastening (US), Inc.
(21) 2023263431 (22) 06.11.2023
(54) Double threaded standoff fastener

(71) Nunhems B.V.
(21) 2023263447 (22) 07.11.2023
(54) Lettuce Variety NUN 06611 LTL

(71) Nunhems B.V.
(21) 2023263462 (22) 08.11.2023
(54) Carrot variety NUN 89202 CAC

(71) Oncocross Co.,Ltd.
(21) 2023255014 (22) 27.10.2023
(54) Composition for preventing and treating muscular disease
(62) 2021269368

(71) One Three Energy, Inc.
(21) 2023258389 (22) 01.11.2023
(54) Electric vehicle charger suitable for single phase, inconsistent power sources

(71) Opal Packaging Australia Pty Ltd
(21) 2023255017 (22) 27.10.2023
(54) A carton, a blank for a carton and a method of forming the blank
(31) 2022903179 (32) 27.10.22 (33) AU

(71) Opex Corporation
(21) 2023255034 (22) 27.10.2023
(54) MATERIAL HANDLING APPARATUS WITH DELIVERY VEHICLES
(62) 2021254614

OSTROJ a.s. see Phoenix Underground Pty Ltd
(21) 2023263457

(71) Oxford University Innovation Limited
(21) 2023258391 (22) 01.11.2023
(54) Improved promoters and compositions

(71) OXTI Pte Ltd
(21) 2023263430 (22) 06.11.2023
(54) EXPANDABLE PORTABLE POWER SUPPLY

(71) Phoenix Underground Pty Ltd; OSTROJ a.s.
(21) 2023263457 (22) 07.11.2023
(54) Tailgate Roadway Support System

(71) Pindrop Security, Inc.
(21) 2023258438 (22) 03.11.2023
(54) SYSTEMS AND METHODS OF SPEAKER-INDEPENDENT EMBED-

Complete Applications Filed - Name Index cont'd

DING FOR IDENTIFICATION AND VERIFICATION FROM AUDIO		(54) Multi-speed train for cordless ratchet power tool (31) 17/985,707 (32) 11.11.22 (33) US
(71) PINDROP SECURITY, INC. (21) 2023263421 (22) 06.11.2023 (54) End-to-end speaker recognition using deep neural network	(71) SAMSUNG ELECTRONICS CO., LTD. (21) 2023254971 (22) 26.10.2023 (54) Method and device for transmitting up-link control channel in wireless communication system (62) 2022204734	(71) Snap-on Incorporated (21) 2023258407 (22) 02.11.2023 (54) Torque wrench profiled cam lock lever
(71) President and Fellows of Harvard College (21) 2023254972 (22) 26.10.2023 (54) Cas variants for gene editing (62) 2021200375	(71) Sattler, J. (21) 2023254993 (22) 26.10.2023 (54) A webbing retaining device	(71) SomniFix International LLC (21) 2023254970 (22) 26.10.2023 (54) METHODS FOR USING A FACE STRIP FOR TREATING BREATHING CONDITIONS (62) 2021215237
(71) PROGRESS RAIL SERVICES CORPORATION (21) 2023254950 (22) 25.10.2023 (54) MANAGING VEHICLE ENERGY USE BASED ON FUTURE ENERGY DEMAND (31) 17/993337 (32) 23.11.22 (33) US	(71) Schneider Electric Industries SAS (21) 2023258406 (22) 02.11.2023 (54) POWER TRANSFER SWITCHING DEVICE	(71) SRI International (21) 2023255021 (22) 27.10.2023 (54) Apparatuses for reaction screening and optimization, and methods thereof (62) 2018291024
(71) PROGRESS RAIL SERVICES CORPORATION (21) 2023258439 (22) 03.11.2023 (54) OPTIMIZING A DRIVING STRATEGY FOR A HYBRID DIESEL-ELECTRIC LOCOMOTIVE AND BATTERY-ELECTRIC LOCOMOTIVE CONSIST	(71) Schweerbau International GmbH & Co. KG (21) 2023263464 (22) 08.11.2023 (54) SUCTION DEVICE FOR PARTICLES DURING MACHINING PROCESSING OF TRACK RAILS	(71) SSG INTERNATIONAL, LLC (21) 2023255011 (22) 27.10.2023 (54) Golf putter grip (31) 17/991041 (32) 21.11.22 (33) US
(71) Quantum-Si Incorporated (21) 2023255041 (22) 27.10.2023 (54) Sample well fabrication techniques and structures for integrated sensor devices (62) 2019394692	(71) Seegene, Inc. (21) 2023263429 (22) 06.11.2023 (54) COMPUTER-IMPLEMENTED METHOD FOR COLLABORATIVE DEVELOPMENT OF REAGENTS FOR DETECTION OF TARGET NUCLEIC ACIDS	(71) Stapleton, A. (21) 2023255042 (22) 27.10.2023 (54) A METHOD, IMPLEMENTED IN COMPUTERS, FOR THE MANAGEMENT OF LEGAL COSTS ASSESSMENTS (31) 2022903211 (32) 28.10.22 (33) AU
(71) Refined Sands Pty Ltd (21) 2023258459 (22) 03.11.2023 (54) FLOOR EXTENSION FOR RECREATIONAL VEHICLE	(71) SELC Ireland Ltd (21) 2023255028 (22) 27.10.2023 (54) Method and System for Managing Power Grid Stability Utilising Local Dynamic Load Control (62) 2018288516	(71) Steriline Racing Pty Ltd; Covey Associates Pty. Ltd. (21) 2023258423 (22) 02.11.2023 (54) GREYHOUND RACING LURE ARRANGEMENT
(71) Rigel Pharmaceuticals, Inc. (21) 2023254980 (22) 26.10.2023 (54) RIP1 inhibitory compounds and methods for making and using the same (62) 2019262144	(71) Siemens Aktiengesellschaft (21) 2023263448 (22) 07.11.2023 (54) Controlling an energy exchange	(71) Stryker European Operations Limited (21) 2023263452 (22) 07.11.2023 (54) INTERMEDIATE FEMORAL NAIL
(71) Romeo Solutions Pty Ltd (21) 2023254954 (22) 25.10.2023 (54) Bearing Heat Sensor (31) 2022903165 (32) 26.10.22 (33) AU	(71) Siemens Mobility, Inc. (21) 2023263425 (22) 06.11.2023 (54) Train control systems with hazard management and associated methods	(71) SULLIVAN, B. (21) 2023258460 (22) 03.11.2023 (54) SYSTEM FOR RAISING AND LOWERING SMALL WATERCRAFT
(71) Ryde Enterprises Pty Ltd T/AS Mining and Plant Group (21) 2023255043 (22) 27.10.2023 (54) Truck body mounting apparatus (31) 2022903251 (32) 01.11.22 (33) AU	(71) Sitecraft Pty Ltd (21) 2023263437 (22) 07.11.2023 (54) HAND TROLLEY	(71) Sungrow Energy Storage Technology Co., Ltd. (21) 2023258435 (22) 03.11.2023 (54) Explosion venting plate and energy storage cabinet
(71) Salera, D. (21) 2023258458 (22) 03.11.2023 (54) SOLAR POWERED STRUCTURE	(71) Sliusenko, K. (21) 2023254955 (22) 25.10.2023 (54) Conveyor Pulley Lagging Wear Monitoring System (31) 2022902650 (32) 13.09.22 (33) AU	(71) Sungrow Energy Storage Technology Co., Ltd. (21) 2023258465 (22) 06.11.2023 (54) Energy storage system
	(71) Snap-on Incorporated (21) 2023254988 (22) 26.10.2023	

Complete Applications Filed - Name Index cont'd

(71) Sungrow Icarbon Technology Co., Ltd.
(21) 2023258432 (22) 03.11.2023
(54) Certification system and method for carbon neutrality, device and storage medium

(71) Sungrow Power Supply Co., Ltd.
(21) 2023258429 (22) 03.11.2023
(54) Power conversion system, energy storage system and power supply method

(71) Sungrow Power Supply Co., Ltd.
(21) 2023258431 (22) 03.11.2023
(54) Micro inverter, photovoltaic system and control method

(71) Synergie Medicale Brg Inc.
(21) 2023258404 (22) 02.11.2023
(54) SYSTEM FOR AUTOMATIC FILLING OF MEDICATION ORGANIZERS

TAICANG KINGFU PLASTIC MANUFACTURE CO., LTD. see BEAUTIFUL WINDOW FASHIONS CO., LTD.
(21) 2023258416

(71) Taiwan Fu Hsing Industrial Co Ltd
(21) 2023263454 (22) 07.11.2023
(54) ELECTRIC LOCK AND CONTROL METHOD THEREOF

(71) Taylor, N.; Terry, G.
(21) 2023254914 (22) 25.10.2023
(54) Shipping Container Foldout Houseboat

(71) Team Conveyer Intellectual Properties, LLC
(21) 2023258403 (22) 02.11.2023
(54) Coordinated conveyers in an automated system

(71) Techtronic Cordless GP
(21) 2023254964 (22) 26.10.2023
(54) Slotted storage system
(31) 63/419,795 (32) 27.10.22 (33) US

(71) Techtronic Cordless GP
(21) 2023254968 (22) 26.10.2023
(54) One-handed blade change mechanism for a power tool
(31) 63/381,496 (32) 28.10.22 (33) US

(71) Techtronic Cordless GP
(21) 2023254994 (22) 26.10.2023
(54) Fastener delivery mechanism for a fastener driver
(31) 63/383,027 (32) 09.11.22 (33) US
63/383,178 10.11.22 US
63/501,016 09.05.23 US

(71) Tencent America LLC
(21) 2023255026 (22) 27.10.2023
(54) METHOD FOR PADDING PROCESSING WITH SUB-REGION PARTITIONS IN VIDEO STREAM
(62) 2020349504

Terry, G. see Taylor, N.
(21) 2023254914

(71) The Board of Regents of the University of Texas System
(21) 2023263423 (22) 06.11.2023
(54) CATIONIC SULFONAMIDE AMINO LIPIDS AND AMPHIPHILIC ZWITTERIONIC AMINO LIPIDS

(71) The Boeing Company
(21) 2023255015 (22) 27.10.2023
(54) Systems and methods for scheduling flights of aircraft
(31) 18/150236 (32) 05.01.23 (33) US

(71) The Eastern Company
(21) 2023255019 (22) 27.10.2023
(54) ELECTRO-MECHANICALLY LOCKING COMPRESSION LATCH
(31) 63/420,316 (32) 28.10.22 (33) US

(71) The George Institute For Global Health; The University of Sydney
(21) 2023258387 (22) 01.11.2023
(54) Compositions for the treatment of hypertension

(71) The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2023255035 (22) 27.10.2023
(54) Development of dengue virus vaccine components
(62) 2021202950

(71) The Governors of the University of Alberta
(21) 2023263472 (22) 08.11.2023
(54) Hepatitis C virus E1/E2 heterodimers and methods of producing same

(71) The Procter & Gamble Company
(21) 2023258399 (22) 02.11.2023
(54) Kits comprising unit-dose oral care compositions

(71) The Procter & Gamble Company
(21) 2023258428 (22) 03.11.2023
(54) ORAL CARE COMPOSITIONS FOR ACTIVE AGENT DELIVERY

(71) The Raymond Corporation
(21) 2023263435 (22) 07.11.2023
(54) Material handling vehicle mode transition systems and methods

The Trustees of the University of Pennsylvania see Novartis AG
(21) 2023263469

The University of Sydney see The George Institute For Global Health
(21) 2023258387

(71) Timothy Douglas Stewart
(21) 2023258392 (22) 01.11.2023
(54) Support and support system for a medical procedure

(71) Transportation IP Holdings, LLC
(21) 2023255008 (22) 27.10.2023
(54) VEHICLE MONITOR SYSTEM
(31) 63/428,619 (32) 29.11.22 (33) US
18/470,116 19.09.23 US

(71) Trina Solar Co., Ltd
(21) 2023258384 (22) 01.11.2023
(54) Back contact solar cell and preparation method thereof

(71) Trina Solar Co., Ltd
(21) 2023263466 (22) 08.11.2023
(54) Solar cell and method for producing the solar cell

(71) TRINA SOLAR CO., LTD.
(21) 2023254962 (22) 26.10.2023
(54) Solar cell, photovoltaic device, and photovoltaic system
(31) CN (32) 25.06.23 (33) CN
202321618728.1

(71) Tritana Intellectual Property Ltd.
(21) 2023255030 (22) 27.10.2023
(54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM
(62) 2022203321

(71) Typhon Technology Solutions, LLC
(21) 2023258385 (22) 01.11.2023
(54) Mobile electric power generation for hydraulic fracturing of subsurface geological formations

(71) UBLOCKOUT TECHNOLOGIES PTY LTD
(21) 2023254976 (22) 26.10.2023
(54) LOCKABLE CORNER BRACKET
(62) 2022337213

Complete Applications Filed - Name Index cont'd

- (71) UCB Biopharma SRL
 (21) 2023255037 (22) 27.10.2023
 (54) Methods of treatment using anti-IL-17A/
 F antibodies
 (62) 2016347471
-
- (71) Universite d'Evry Val d'Essonne;
 Genethon; INSERM (Institut National de
 la Santé et de la Recherche Médicale)
 (21) 2023258449 (22) 03.11.2023
 (54) Acid-alpha glucosidase variants and
 uses thereof
-
- (71) University of Iowa Research Founda-
 tion
 (21) 2023254965 (22) 26.10.2023
 (54) COMPOSITIONS AND METHODS OF
 DETECTING PREDISPOSITION TO
 CARDIOVASCULAR DISEASE
 (62) 2017277666
-
- (71) University of Iowa Research Founda-
 tion
 (21) 2023263461 (22) 08.11.2023
 (54) AAV-MEDIATED EXPRESSION USING
 A SYNTHETIC PROMOTER AND EN-
 HANCER
-
- (71) VENTUS THERAPEUTICS U.S., INC.
 (21) 2023263450 (22) 07.11.2023
 (54) PYRIDAZINE COMPOUNDS FOR IN-
 HIBITING NLRP3
-
- (71) VISM GIFTS AND DECOR
 (21) 2023262378 (22) 06.11.2023
 (54) VISM GIFTS & DECOR
-
- (71) Volney, J.
 (21) 2023263427 (22) 06.11.2023
 (54) The technology relates to the gener-
 al field of portable seating, and has
 certain specific application to crossed
 legged sitting
-
- (71) Volvo Autonomous Solutions AB
 (21) 2023254996 (22) 26.10.2023
 (54) Path selection for a vehicle based on
 heat distributed on a road surface
 (31) 22208510.2 (32) 21.11.22 (33) EP
-
- (71) W. L. Gore & Associates, Inc.
 (21) 2023254987 (22) 26.10.2023
 (54) Artificial chordae tendineae repair
 devices and delivery thereof
 (62) 2021236494
-
- (71) Walmart Apollo, LLC
 (21) 2023258390 (22) 01.11.2023
 (54) Automated proxy picker system for non-
 fungible goods

- (71) Walmart Apollo, LLC
 (21) 2023258452 (22) 03.11.2023
 (54) Storage and retrieval system
-
- (71) WANG, G.
 (21) 2023258425 (22) 02.11.2023
 (54) DRAWER TRACK COMBINING EX-
 TRUDED ALUMINUM PROFILES
 AND SPHERICAL BEARINGS, AND
 VEHICLE-MOUNTED STORAGE
 DRAWER THEREOF
-
- (71) William Marsh Rice University
 (21) 2023255013 (22) 27.10.2023
 (54) APPARATUS AND METHODS FOR
 MULTIPLEXED AMPLIFICATION
 AND DETECTION OF DNA USING
 CONVECTIONAL HEATING AND LA-
 BEL-FREE MICROARRAY
 (62) 2019338531
-
- (71) Wix.com Ltd.
 (21) 2023258422 (22) 02.11.2023
 (54) System integrating a mobile device ap-
 plication creation, editing and distribu-
 tion system with a website design sys-
 tem
-
- (71) Wonderland Switzerland AG
 (21) 2023255007 (22) 27.10.2023
 (54) SYNCHRONOUS FOLDING MECH-
 ANISM AND STROLLER HAVING THE
 SAME
 (62) 2020256379
-
- (71) XCEL IP Pty Ltd
 (21) 2023263468 (22) 08.11.2023
 (54) ELECTRIC VEHICLE CHARGING STA-
 TION

Numerical Index

2023254914	Taylor, N.; Terry, G.	2023255014	Oncocross Co.,Ltd.
2023254944	Crispr Therapeutics AG	2023255015	The Boeing Company
2023254949	MAX CO., LTD.	2023255016	Deere & Company
2023254950	PROGRESS RAIL SERVICES CORPORATION	2023255017	Opal Packaging Australia Pty Ltd
2023254951	Google LLC	2023255018	Copan Italia S.p.A.
2023254952	Amgen Inc.	2023255019	The Eastern Company
2023254953	Asahi Kasei Kabushiki Kaisha	2023255020	Dolby International AB
2023254954	Romeo Solutions Pty Ltd	2023255021	SRI International
2023254955	Siusenko, K.	2023255022	Deere & Company
2023254956	Maxwell and Higgs Pty Ltd	2023255023	Bucher Municipal Pty Ltd
2023254957	Getac Technology Corporation	2023255024	Bristol-Myers Squibb Company
2023254958	IGT	2023255025	Arrowhead Pharmaceuticals, Inc
2023254959	IGT	2023255026	Tencent America LLC
2023254960	IGT	2023255027	Bioniz Therapeutics, Inc.
2023254961	Angel Group Co., Ltd.	2023255028	SELC Ireland Ltd
2023254962	TRINA SOLAR CO., LTD.	2023255029	Baymatob Pty Ltd
2023254963	Illinois Tool Works Inc.	2023255030	Tritana Intellectual Property Ltd.
2023254964	Techtronic Cordless GP	2023255031	Hernandez, D.
2023254965	University of Iowa Research Foundation	2023255032	Kyote Fire, LLC
2023254966	CREDIT CLEAR INTERNATIONAL PTY LTD	2023255033	Battelle Memorial Institute
2023254967	Kookmin University Industry Academy Cooperation Foundation	2023255034	Opex Corporation
2023254968	Techtronic Cordless GP	2023255035	The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
2023254969	Jinhua Shengxiang Tools Co., Ltd	2023255036	Chiasma, Inc.
2023254970	SomniFix International LLC	2023255037	UCB Biopharma SRL
2023254971	SAMSUNG ELECTRONICS CO., LTD.	2023255038	Hundegger, H.
2023254972	President and Fellows of Harvard College	2023255039	Communication Components Antenna Inc.
2023254973	Baxter Healthcare SA; Baxter International Inc.	2023255040	Ecolab USA Inc.
2023254974	LIFETIME PRODUCTS, INC.	2023255041	Quantum-Si Incorporated
2023254975	Hoselink Pty Ltd	2023255042	Stapleton, A.
2023254976	UBLOCKOUT TECHNOLOGIES PTY LTD	2023255043	Ryde Enterprises Pty Ltd T/AS Mining and Plant Group
2023254977	Nicoventures Trading Limited	2023255044	Cotton Seed Distributors Ltd; Commonwealth Scientific and Industrial Research Organisation
2023254978	F. Hoffmann-La Roche AG	2023258381	Trina Solar Co., Ltd
2023254979	air up group GmbH	2023258385	Typhon Technology Solutions, LLC
2023254980	Rigel Pharmaceuticals, Inc.	2023258386	Minerva Neurosciences, Inc.
2023254981	Huawei Technologies Co., Ltd.	2023258387	The George Institute For Global Health; The University of Sydney
2023254982	Janssen Biotech, Inc.	2023258388	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2023254983	Innospec Limited	2023258389	One Three Energy, Inc.
2023254984	G & G Engineering (Aust) Pty Ltd	2023258390	Walmart Apollo, LLC
2023254985	Grant Prideco, Inc.	2023258391	Oxford University Innovation Limited
2023254986	Illinois Tool Works Inc.	2023258392	Timothy Douglas Stewart
2023254987	W. L. Gore & Associates, Inc.	2023258394	Lightcast Discovery Ltd
2023254988	Snap-on Incorporated	2023258398	Beijing Baidu Netcom Science Technology Co., Ltd.
2023254989	CONRAD, C.	2023258399	The Procter & Gamble Company
2023254990	Getac Technology Corporation	2023258400	GW Research Limited
2023254991	IGT	2023258401	Monsanto Technology LLC
2023254992	Epizyme, Inc.	2023258402	Ab Initio Technology LLC
2023254993	Sattler, J.	2023258403	Team Conveyer Intellectual Properties, LLC
2023254994	Techtronic Cordless GP	2023258404	Synergie Medicale Brg Inc.
2023254995	Guangdong Crystal Island Healthwise Co., Ltd.	2023258405	Aprofol AG
2023254996	Volvo Autonomous Solutions AB	2023258406	Schneider Electric Industries SAS
2023254997	Amicro Semiconductor Co., Ltd.	2023258407	Snap-on Incorporated
2023254998	Geneius Biotechnology, Inc.	2023258408	MFTB Holdco, Inc.
2023254999	Joy Civil Pty Ltd	2023258409	Meltix Limited
2023255000	Longkou Yongan Vehicle Window Co., Ltd.	2023258410	Miller, S.
2023255001	Daewoong Therapeutics Inc.	2023258411	DEMATIC GMBH
2023255002	Lendlease Construction (Southern) Pty Limited	2023258412	Huawei Technologies Co., Ltd.
2023255003	Lam, T.T.	2023258413	IP Key Pty Ltd
2023255004	Identitii Limited	2023258414	Massachusetts Eye and Ear Infirmary
2023255005	Conen, A.	2023258415	BL Technologies, Inc.
2023255006	Alroy, B.	2023258416	BEAUTIFUL WINDOW FASHIONS CO., LTD.; TAIC-ANG KINGFU PLASTIC MANUFACTURE CO., LTD.
2023255007	Wonderland Switzerland AG	2023258417	4TEEN4 Pharmaceuticals GmbH
2023255008	Transportation IP Holdings, LLC	2023258418	MosSmith Industries, Inc.
2023255009	Cell Cure Neurosciences Ltd.		
2023255010	Deere & Company		
2023255011	SSG INTERNATIONAL, LLC		
2023255012	Arbutus Biopharma Corporation		
2023255013	William Marsh Rice University		

Complete Applications Filed - Numerical Index cont'd

2023258419	Capital One Services, LLC	2023263443	ERICO International Corporation
2023258421	Equifax Inc.	2023263444	Boston Scientific Scimed, Inc.
2023258422	Wix.com Ltd.	2023263445	Boston Scientific Scimed, Inc.
2023258423	Sterilene Racing Pty Ltd; Covey Associates Pty. Ltd.	2023263446	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2023258424	G9 Holdings, LLC	2023263447	Nunhems B.V.
2023258425	WANG, G.	2023263448	Siemens Aktiengesellschaft
2023258426	FISHER & PAYKEL HEALTHCARE LIMITED	2023263449	Gekkotek Pty Ltd
2023258427	Harper, G.; Baxter, J.	2023263450	VENTUS THERAPEUTICS U.S., INC.
2023258428	The Procter & Gamble Company	2023263451	ModernaTX, Inc.
2023258429	Sungrow Power Supply Co., Ltd.	2023263452	Stryker European Operations Limited
2023258430	Lashify, Inc.	2023263454	Taiwan Fu Hsing Industrial Co Ltd
2023258431	Sungrow Power Supply Co., Ltd.	2023263455	Industro International Co., Ltd.
2023258432	Sungrow Icarbon Technology Co., Ltd.	2023263456	Industro International Co., Ltd.
2023258433	Baker Hughes Oilfield Operations LLC	2023263457	Phoenix Underground Pty Ltd; OSTROJ a.s.
2023258434	Blackhawk Network, Inc.	2023263458	CLENERGY TECHNOLOGY CO., LTD.
2023258435	Sungrow Energy Storage Technology Co., Ltd.	2023263459	L3Harris Technologies, Inc.
2023258436	Barro Group Pty Ltd	2023263460	Gen-Probe Incorporated
2023258437	Aristocrat Technologies, Inc.	2023263461	University of Iowa Research Foundation
2023258438	Pindrop Security, Inc.	2023263462	Nunhems B.V.
2023258439	PROGRESS RAIL SERVICES CORPORATION	2023263464	Schweerbau International GmbH & Co. KG
2023258440	Aristocrat Technologies, Inc.	2023263466	Trina Solar Co., Ltd
2023258441	Mohan, K.	2023263468	XCEL IP Pty Ltd
2023258442	Aristocrat Technologies, Inc.	2023263469	Novartis AG; The Trustees of the University of Pennsylvania
2023258443	Apple Inc.	2023263471	Capital One Services, LLC
2023258444	Clifton Life Sciences LLC	2023263472	The Governors of the University of Alberta
2023258445	1 Space Pty Ltd	2023263473	Jilin Academy of Agricultural Sciences (Northeast Agricultural Research Center of China)
2023258448	King's College London; Icahn School of Medicine at Mount Sinai		
2023258449	Universite d'Evry Val d'Essonne; Genethon; INSERM (Institut National de la Santé et de la Recherche Médicale)		
2023258452	Walmart Apollo, LLC		
2023258453	GE Video Compression, LLC		
2023258455	ERESERVE PTY LTD		
2023258457	Katholieke Universiteit Leuven		
2023258458	Salera, D.		
2023258459	Refined Sands Pty Ltd		
2023258460	SULLIVAN, B.		
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2023258464	GRABRECK, A.		
2023258465	Sungrow Energy Storage Technology Co., Ltd.		
2023259220	Fresenius Kabi Deutschland GmbH		
2023259624	Fresenius Kabi Deutschland GmbH		
2023259796	MFTB Holdco, Inc.		
2023262378	VISM GIFTS AND DECOR		
2023263421	PINDROP SECURITY, INC.		
2023263422	BAKER HUGHES HOLDINGS LLC		
2023263423	The Board of Regents of the University of Texas System		
2023263424	Bayer CropScience Aktiengesellschaft		
2023263425	Siemens Mobility, Inc.		
2023263426	LG Electronics Inc.		
2023263427	Volney, J.		
2023263428	EQUIFAX, INC.; FIDELITY INFORMATION SERVICES, LLC		
2023263429	Seegene, Inc.		
2023263430	OXTI Pte Ltd		
2023263431	Nucor Corporation; Asia Fastening (US), Inc.		
2023263432	ESS Tech, Inc.		
2023263433	Connor Collins, J.G.		
2023263434	Nkarta, Inc.; National University of Singapore		
2023263435	The Raymond Corporation		
2023263436	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.		
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2023263438	Bullfrog International, LC.		
2023263439	Norwood Industries Inc.		
2023263440	Carlson Paving Products, Inc.		
2023263441	L.E.A.F. Holdings Group LLC		
2023263442	L.E.A.F. Holdings Group LLC		

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.
The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

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Assignments before Grant, Section 113

2017

2017290828 Oncorus, Inc. The application has been assigned to **Virogin Biotech Canada LTD**

2017361129 The University of Western Australia The application has been assigned to **Telethon Kids Institute**

2018

2018206564 Receptor Holdings, Inc. The application has been assigned to **Spoke Sciences, Inc.**

2018282264 CP-IP Limited The application has been assigned to **Narellan Innovations Pty Limited**

2018306455 Oncorus, Inc. The application has been assigned to **Virogin Biotech Canada LTD**

2018313933 Piedmont Animal Health, Inc. The application has been assigned to **Dechra Veterinary Products, LLC**

2018337066 Da Rouge Pty Ltd The application has been assigned to **OZX IP Pty Ltd**

Assignments before Grant, Section 113

2018337663 Da Rouge Pty Ltd The application has been assigned to **OZX IP Pty Ltd**

2018337664 Da Rouge Pty Ltd The application has been assigned to **OZX IP Pty Ltd**

2018345812 Receptor Holdings, Inc. The application has been assigned to **Spoke Sciences, Inc.**

2018378804 Magenta Therapeutics, Inc. The application has been assigned to **Ensoma, Inc.**

2019

2019219937 Yantai Obioad Biomedical Technology Ltd. The application has been assigned to **RemeGen Co., Ltd.**

2019235652 Vascular Biogenics Ltd. The application has been assigned to **ImmuneWalk Therapeutics, Inc.**

2019242604 Biohaven Pharmaceutical Holding Company Ltd. The application has been assigned to **Pfizer Ireland Pharmaceuticals**

2019312883 Willow Technologies Limited The application has been assigned to **SOLID STATE PLC**

2019332074 Senka Systems GmbH The application has been assigned to **Merkey Medikal Teknoloji Limited Sirketi**

2019385420 Receptor Holdings, Inc. The application has been assigned to **Spoke Sciences, Inc.**

2019391811 Tsukishima Kikai Co., Ltd. The application has been assigned to **Tsukishima Kikai Co., Ltd.**

2019399405 Koninklijke Douwe Egberts B.V.; Koninklijke Philips N.V. The application has been assigned to **Versuni Holding B.V.; Koninklijke Douwe Egberts B.V.**

2020

2020200998 ROSS, Karl The application has been assigned to **Hydroverse Limited**

2020232685 Lucira Health, Inc. The application has been assigned to **Pfizer Inc.**

2020239738 Amryt Endo, Inc.; Mamluk, Roni; Gelbaum, Dana The application has been assigned to **Amryt Endo, Inc.**

2020268649 Koninklijke Philips N.V. The application has been assigned to **Versuni Holding B.V.**

2020283738 Piedmont Animal Health Inc. The application has been assigned to **Dechra Veterinary Products, LLC**

2020301081 General Electric Company The application has been assigned to **General Electric Technology GmbH**

Assignments before Grant, Section 113

2020316185 Mitsubishi Heavy Industries, Ltd.; Mitsubishi Heavy Industries Engineering, Ltd. The application has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2020361511 Piedmont Animal Health Inc. The application has been assigned to **Dechra Veterinary Products, LLC**

2020364144 Oncorus, Inc. The application has been assigned to **Virogin Biotech Canada LTD**

2020370475 Piedmont Animal Health Inc. The application has been assigned to **Dechra Veterinary Products, LLC**

2020375825 Piedmont Animal Health Inc. The application has been assigned to **Dechra Veterinary Products, LLC**

2020408705 Biohaven Pharmaceutical Holding Company Ltd. The application has been assigned to **Pfizer Ireland Pharmaceuticals**

2020415588 Mitsubishi Heavy Industries, Ltd.; Mitsubishi Heavy Industries Engineering, Ltd. The application has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2020415622 Mitsubishi Heavy Industries, Ltd.; Mitsubishi Heavy Industries Engineering, Ltd. The application has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2021

2021202278 Chehebar, Joseph The application has been assigned to **FlipSandal Licensing, LLC**

2021218221 Eureka! AgResearch Pty Ltd The application has been assigned to **Elders Toll Formulation Pty Ltd**

2021263754 University of Washington; Magenta Therapeutics, Inc. The application has been assigned to **Ensoma, Inc.; University of Washington**

2021282420 Australian World Trading Pty Ltd The application has been assigned to **RTC Digital Pty Ltd**

2021286886 Certus Molecular Diagnostics AG The application has been assigned to **Ender Diagnostics AG**

2021288994 Ender Holding AG The application has been assigned to **Ender Diagnostics AG**

2021292382 Koninklijke Philips N.V. The application has been assigned to **Versuni Holding B.V.**

2021304246 Koehler Innovation & Technology GmbH; SunCoal Industries GmbH The application has been assigned to **SunCoal Industries GmbH**

2021341888 VASCULAR BIOGENICS LTD. The application has been assigned to **ImmuneWalk Therapeutics, Inc.**

Assignments before Grant, Section 113

2021359129 PROXYGEN GMBH; CEMM - FORSCHUNGSZENTRUM FÜR MOLEKULARE MEDIZIN GMBH The application has been assigned to **PROXYGEN GMBH**

2021361057 RHEOS MEDICINES, INC. The application has been assigned to **Rarefied Biosciences, Inc.**

2021410080 JAZZ PHARMACEUTICALS IRELAND LTD.; PFENEX, INC. The application has been assigned to **Pelican Technology Holdings, Inc.; JAZZ PHARMACEUTICALS IRELAND LTD.**

2022

2022201021 Receptor Holdings, Inc. The application has been assigned to **Spoke Sciences, Inc.**

2022206759 Lucira Health, Inc. The application has been assigned to **Pfizer Inc.**

2022209255 Lucira Health, Inc. The application has been assigned to **Pfizer Inc.**

2022249354 TERA IMMUNE, INC. The application has been assigned to **Terimmune, LLC**

2022263544 Lucira Health, Inc. The application has been assigned to **Pfizer Inc.**

2022271424 General Electric Company The application has been assigned to **General Electric Technology GmbH**

2023

2023200248 General Electric Company The application has been assigned to **General Electric Technology GmbH**

2023204594 Blindware Pty Ltd The application has been assigned to **HUNTER DOUGLAS LIMITED**

2023222842 CoolSystems, Inc. The application has been assigned to **Avent, Inc.**

2023903122 Carbon Exchange Pty Ltd The application has been assigned to **Ryzo IP 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.

2014

2014204319 **Flowpro Well Technology AS** An application to extend the time from 07 Jan 2023 to 07 Nov 2023 in which to pay a renewal fee has been filed . Address for service - Stellar Law Pty Ltd Level 5 115 Pitt Street Sydney NSW 2000 AU

2021

2021100406 **The Clear Co** An application to extend the time from 22 Jan 2023 to 22 Oct 2023 in which to pay a renewal fee has been filed .

Extensions of Time, Section 223

Address for service - The Clear Co PO Box 553 Dunsborough WA 6281 AU

2023

2023241383 **Diehl Defence GmbH & Co. KG** An application to extend the time from 04 Mar 2023 to 04 Nov 2023 in which to claim the convention priority date has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2017

2017100062 **TRAYNE HOLDINGS PTY LTD** The time in which to pay a renewal fee has been extended to 18 Aug 2023 . Address for service - Trayne Holdings Pty Ltd PO Box 812 Labrador QLD 4215 AU

2017248276 **Oyster Point Pharma, Inc.** The time in which to pay the acceptance fee has been extended to 13 Nov 2023 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2017305303 **Gilead Sciences, Inc.** The time in which to pay a renewal fee has been extended to 01 Jul 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2017373740 **Immatics Biotechnologies GmbH** The time in which to pay a renewal fee has been extended to 07 Jul 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018

2018102060 **Intellactuate Pty. Ltd.** The time in which to pay a renewal fee has been extended to 13 Jul 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019207463 **Oxford University Innovation Limited** The time in which to pay a continuation fee has been extended to 10 Aug 2023 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2019207800 **QRS Music Technologies, Inc.** The time in which to pay a continuation fee has been extended to 10 Aug 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019232781 **Integrated Access Designs (Australia) Pty Ltd (in Liquidation)** The time in which to pay the exam request fee has been extended to 20 Oct 2023 . Address for service - Integrated Access Designs (Australia) Pty Ltd (in Liquidation) C/- Christopher Damien Darin (Liquidator) Worrells Solvency & Forensic Accountants Level 15 9 Castlereagh Street Sydney NSW 2000 AU

2021

2021250960 **FISHER & PAYKEL HEALTHCARE LIMITED** The time in which to gain acceptance has been extended to 13 Jan 2024 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2021254621 **Arizona Board of Regents on Behalf of The University of Arizona** The time in which to pay a continuation fee has been extended to 03 Jul 2023 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

Extensions of Time, Section 223

ded to 03 Jul 2023 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2022

2022200686 **ARC BIO, LLC** The time in which to pay a continuation fee has been extended to 19 Jul 2023 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023

2023201144 **SOURCE GLOBAL PTY. LTD.** The time in which to pay the acceptance fee has been extended to 18 Oct 2023 . Address for service - SOURCE GLOBAL PTY. LTD. U 31202 67 Blamey St Kelvin Grove QLD 4059 AU

2023255046 **Korea Food Research Institute** The time in which to make a further application for a divisional patent has been extended to 17 Nov 2023 . Address for service - ALLENS PATENT & TRADE MARK ATTORNEYS Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

Amendments

Applications for Amendment

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

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

2016

2016426598 Melatonin mini-tablets and method of manufacturing the same **Neurim Pharmaceuticals Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Oct 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017345665 Open-sea aquaculture system **Sea Control Holdings Ltd.** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018231941 Modification of a two-wheel drive vehicle for improved ground clearance and/or traction **Bus IP Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 23 Jan 2023 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2020

2020272117 Method for determining the geometry of a defect and for determining a load limit **ROSEN Swiss AG** The nature of the amendment is as shown in the statement(s) filed 20 Oct 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020314717 Gas spring sensors using millimeter wavelength radar and gas spring assemblies and suspension systems including same

Amendments

Firestone Industrial Products Company, LLC The nature of the amendment is as shown in the statement(s) filed 31 Oct 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021

2021202677 Kinetic Exclusion Amplification Of Nucleic Acid Libraries **illumina, Inc.** The nature of the amendment is: Add co-inventor VENKATESAN, Bala Murali . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2021314917 A process for the purification of Prothrombin Complex Concentrate (PCC) and fix from complete plasma or cryo-poor plasma **Sartorius BIA Separations D.O.O** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2022

2022200665 Lintel cover **CAMPOLI , N. ; CIRCOSTA , M.** The nature of the amendment is: Amend the applicant to add Giuseppe PRIZZI . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

2022325172 Method for drivable area detection and autonomous obstacle avoidance of unmanned haulage equipment in deep confined spaces **China University of Mining and Technology** The nature of the amendment is: Amend the name of the inventor to add WANG, Qingguo . Address for service - Baxter Patent Attorneys Pty Ltd L20, 135 King Street Sydney NSW 2000 AU

Amendments Made**2013**

2013362883 **Phoslock Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 04 Jul 2023

2015

2015250760 **Pierre Fabre Medicament** The nature of the amendment is as shown in the statement(s) filed 24 Jul 2023

2016

2016368289 **Genzyme Corporation** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2023

2017

2017215211 **The Trustees of The University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 03 Aug 2023

2017326762 **Lifesize Plans IP Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Jun 2023

2017341047 **Novartis AG; The Trustees of the University of Pennsylvania** The nature of the amendment is: Amend the name of the inventor to read Brannetti, Barbara; Brogdon, Jennifer; Engels, Boris; Granda, Brian; Huang, Lu; Lei, Ming; Li, Na; Zhang, Jimin; Guimaraes, Carla; Gill, Saar; Ruella, Marco and Young, Regina M.

Amendments**2018**

2018213181 **SunMed Group Holdings, LLC.** The nature of the amendment is as shown in the statement(s) filed 02 Jun 2023

2018236751 **Carill Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102252

2018236911 **Flexopack S.A.** The nature of the amendment is: Amend the name of the inventor to read Gkinosatis, Dimitris

2018253454 **Flexopack S.A.** The nature of the amendment is: Amend the name of the inventor to read Gkinosatis, Dimitris

2018279309 **Wix.com Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2023

2019

2019200734 **Flexopack S.A.** The nature of the amendment is: Amend the name of the inventor to read Ginosatis, Dimitris

2019212478 **RAPT Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Jul 2023

2019275630 **Flexopack S.A.** The nature of the amendment is: Amend the name of the inventor to read Gkinosatis, Dimitris

2019297135 **Belkin Vision Ltd.** The nature of the amendment is: Amend the name of the inventor to read SACKS, Zachary; LEMANN-BLUMENTHAL, Daria; KISOS, Arieh; YOHAI, Yuval; ELKAYAM, Daniel; DOBKIN-BEKMAN, Masha and ZIMMERMANN, Micha

2019336327 **Lohmann & Rauscher GmbH** The nature of the amendment is: Amend the name of the inventor to read HENTRICH, Axel; SCHMALENBACH, Carina and HÄUSLER, Cornelia

2019347406 **Asahi Kasei Pharma Corporation** The nature of the amendment is: Amend the invention title to read Medicament for mitigating conditions and/or suppressing onset of peripheral neuropathy induced by anti-malignant tumor agent

2020

2020395741 **Henan Zhiwei Biomedicine Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2023

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

2021

2021200453 **LEGEND BIOTECH IRELAND LIMITED** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2023

2021200844 **Flexopack S.A.** The nature of the amendment is: Amend the name of the inventor to read Gkinosatis, Dimitris

2021200991 **Monash University** The nature of the amendment is as shown in the statement(s) filed 13 Jun 2023

Amendments

2021204107 **Flexopack S.A.** The nature of the amendment is: Amend the name of the inventor to read Gkinosatis, Dimitris

2021215120 **Electrolux Appliances Aktiebolag** The nature of the amendment is as shown in the statement(s) filed 01 Aug 2023

2021261840 **The University of Bristol** The nature of the amendment is: Amend the name of the inventor to read Gallagher, Timothy Charles and Rego Campello, Hugo

2021266225 **Institute for Cancer Research D/B/A The Research Institute of Fox Chase Cancer Center; ImmunityBio, Inc.** The nature of the amendment is: Amend the name of the inventor to read Lee, Tien; Klingemann, Hans G.; Simon, Barry J.; Boissel, Laurent and Campbell, Kerry

2021277641 **Flexopack S.A.** The nature of the amendment is: Amend the name of the inventor to read Gkinosatis, Dimitris

2021277656 **Board of Regents, The University of Texas System** The nature of the amendment is: Amend the name of the inventor to read Williams, Robert; Watts, Alan; Peters, Jay and Carvalho, Simone Raffa

2021325730 **Ocado Innovation Limited** The nature of the amendment is: Amend the priority details to read 2012740.3 14 Aug 2020 GB; 2012751.0 14 Aug 2020 GB; 2016081.8 09 Oct 2020 GB; 2016097.4 09 Oct 2020 GB and 22109567.4 01 Jul 2021 GB

2021351555 **OWENS-BROCKWAY GLASS CONTAINER INC.** The nature of the amendment is: Amend the name of the inventor to read RAUSCH, Philip, J.; HOLMES, Kirk; BASTARRACHEA, Karin, Gabriela; WILL, Steven; SMITH, Roger; ROMSTÖCK, Manfred Robert and MLYNAR, Guenther Josef

2021351723 **OWENS-BROCKWAY GLASS CONTAINER INC.** The nature of the amendment is: Amend the name of the inventor to read HOLMES, Kirk; WILL, Steven; ROMSTÖCK, Manfred Robert and MLYNAR, Guenther Josef

2021355512 **OWENS-BROCKWAY GLASS CONTAINER INC.** The nature of the amendment is: Amend the name of the inventor to read HOLMES, Kirk; WILL, Steven; ROMSTÖCK, Manfred Robert and MLYNAR, Guenther Josef

2021355513 **OWENS-BROCKWAY GLASS CONTAINER INC.** The nature of the amendment is: Amend the name of the inventor to read HOLMES, Kirk; WILL, Steven; ROMSTÖCK, Manfred Robert and MLYNAR, Guenther Josef

2021364103 **OWENS-BROCKWAY GLASS CONTAINER INC.** The nature of the amendment is: Amend the name of the inventor to read HOLMES, Kirk; WILL, Steven; ROMSTÖCK, Manfred Robert and MLYNAR, Guenther Josef

2021372796 **NOVARTIS AG** The nature of the amendment is: Amend the name of the inventor to read LIU, Bo; COTESTA, Simona; GE, Heng; GERSPACHER, Marc; LEBLANC, Catherine; LORTHIOIS, Edwige Liliane Jeanne; MACHAUER, Rainer; MAH, Robert; MEISTER, Tanja; MURA, Christophe; RIGOLLIER, Pascal; SCHNEIDER, Nadine; STUTZ, Stefan; VAUPEL, Andrea; WARIN, Nicolas; WILCKEN, Rainer; XUE, Lijun; LOZAC'H, Marie-Anne and STRANG, Ross Sinclair

Amendments

2021376864 **CATALYM GMBH; JULIUS-MAXIMILIANS-UNIVERSITÄT WÜRZBURG** The nature of the amendment is: Amend the name of the inventor to read LEO, Eugen; HAAKE, Markus; WISCHHUSEN, Jörg; LE BRUN, Virginie; JÖRG, Susanne and RÜDIGER, Manfred

2021390802 **HRG WELL SOLUTIONS LIMITED** The nature of the amendment is: Amend the name of the inventor to read MCWILLIAM, Gary

2021439258 **CREATIVE BIOTHERAPEUTICS, LLC** The nature of the amendment is: Amend the priority details to read 17/235,652 20 Apr 2021 US

2021455367 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read Plated Steel

2022

2022201577 **Flexopack S.A.** The nature of the amendment is: Amend the name of the inventor to read Gkinosatis, Dimitris

2022228483 **FLINT, A.C.** The nature of the amendment is: Amend the invention title to read Securely storing data for use with artificial neural networks and programmatically searching data

2022242421 **PEPTIAID INC; JAPAN AS REPRESENTED BY THE DIRECTOR-GENERAL OF NATIONAL INSTITUTE OF INFECTIOUS DISEASES** The nature of the amendment is as shown in the statement(s) filed 24 Oct 2023

2022254384 **HOSOKAWA YOKO CO., LTD.** The nature of the amendment is: Amend the invention title to read Packaging container-filler member, packaging container, contents-filled packaging container, and method of manufacturing contents-filled packaging container

2022255506 **MARENGO THERAPEUTICS, INC.** The nature of the amendment is: Amend the invention title to read MULTIFUNCTIONAL MOLECULES BINDING TO TCR AND USES THEREOF

2022258164 **WISBIOM (BEIJING) BIOTECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read LACTOBACILLUS REUTERI AND USE, COMPOSITION, DRUG AND FOOD THEREOF

2022261972 **ONESUBSEA IP UK LIMITED** The nature of the amendment is as shown in the statement(s) filed 27 Oct 2023

2022264434 **ABBOTT LABORATORIES** The nature of the amendment is as shown in the statement(s) filed 25 Oct 2023

2022266352 **NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE** The nature of the amendment is: Amend the invention title to read Oil-Well Steel Pipe

2022266693 **ABBOTT LABORATORIES** The nature of the amendment is as shown in the statement(s) filed 26 Oct 2023

2022268037 **KUKI SANGYO CORPORATION** The nature of the amendment is: Amend the invention title to read Edible vegetable fat and oil

Amendments

2022269959 **CHUGAI SEIYAKU KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read Methods for producing cyclic compounds comprising N-substituted amino acid residues

2022289158 **EVVA SICHERHEITSTECHNOLOGIE GMBH** The nature of the amendment is: Amend the invention title to read Flat key with surface code and cylinder lock

2023

2023200367 **SeedMaster Manufacturing Ltd.** The nature of the amendment is: Amend the name of the inventor to read PEUTERT, Chance; PETRUIC, Matthew; VENNARD, Greg and BEAUJOT, Norbert

2023213443 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery SOC estimating apparatus and method

2023248084 **The University of Bristol** The nature of the amendment is: Amend the name of the inventor to read Gallagher, Timothy Charles and Rego Campello, Hugo

2023254988 **Snap-on Incorporated** The nature of the amendment is: Amend the name of the inventor to read Stickney, Jack H. and Cyborski, David A.

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

2003

2003303936 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2004

2004211837 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2004301925 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2007

2007254271 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2008

2008254918 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2008276544 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2008293978 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2009

2009238645 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2009308125 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

Amendments

2010

2010203058 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2010236022 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2010303711 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2010315751 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2011

2011323823 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2012

2012340891 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2013

2013289982 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2014

2014241059 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2015

2015245197 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2015256344 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2015333912 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2015360485 Chiasma Inc. ; Mamluk, Roni; Gelbaum, Dana The name of the patentee has been altered to **Amryt Endo, Inc.; Mamluk, R.; Gelbaum, D.**

2018

2018251900 Schwarze Industries, Inc. The name of the patentee has been altered to **Schwarze Industries, LLC.**

2018351320 New York Society for the Ruptured and Crippled Maintaining the Hospital for Special Surgery The name of the applicant has been altered to **New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery**

2018395100 Zhuhai Trinomab Biotechnology Co., Ltd. The name of the applicant has been altered to **Zhuhai Trinomab Pharmaceutical Co., Ltd.**

Amendments**2019**

2019284291 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2019285167 New York Society for the Ruptured and Crippled Maintaining the Hospital for Special Surgery The name of the applicant has been altered to **New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery**

2019293240 TE Connectivity Corporation The name of the patentee has been altered to **TE Connectivity Solutions GmbH**

2019314455 NantKwest, Inc. The name of the applicant has been altered to **ImmunityBio, Inc.**

2020

2020201713 Schwarze Industries, Inc. The name of the patentee has been altered to **Schwarze Industries, LLC.**

2020241374 TE Connectivity Services GmbH The name of the applicant has been altered to **TE Connectivity Solutions GmbH**

2020479791 Jinfan Biomedical Technology (Wuhan) Co., Ltd. The name of the applicant has been altered to **Genevoyager (Wuhan) Co., Ltd.**

2021

2021200897 TE Connectivity Services GmbH The name of the applicant has been altered to **TE Connectivity Solutions GmbH**

2021266225 ImmunityBio, Inc. The name of the applicant has been altered to **Institute for Cancer Research D/B/A The Research Institute of Fox Chase Cancer Center; ImmunityBio, Inc.**

2021277597 Schwarze Industries, Inc. The name of the applicant has been altered to **Schwarze Industries, LLC.**

2021277599 Schwarze Industries, Inc. The name of the applicant has been altered to **Schwarze Industries, LLC.**

2021277600 Schwarze Industries, Inc. The name of the applicant has been altered to **Schwarze Industries, LLC.**

2021321371 Institut National De Recherche Pour L'agriculture L'alimentation Et L'environnement; Institut des Sciences et Industries du Vivant et de L'environnement The name of the applicant has been altered to **Institut National Des Sciences Et Industries Du Vivant Et De L'environnement; Institut National De Recherche Pour L'agriculture L'alimentation Et L'environnement**

2021350396 GUBRA APS The name of the applicant has been altered to **Gubra A/S**

2022

2022246811 BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM The name of the applicant has been altered to **Yee, C.**

2022259416 U1 BIO, INC. ; NELLES, David Allen The name of the applicant has been altered to **Tacit Therapeutics, Inc.; NELLES, D.A.**

Amendments

2022270082 NOVAVAX, INC.; Nita PATEL ; Bin ZHOU ; Mimi GUEBRE-XABIER ; Jing-Hui TIAN ; Alyse D. PORTNOFF ; Michael J. MASSARE ; Vivek SHINDE ; Louis FRIES ; Gale SMITH The name of the applicant has been altered to **NOVAVAX, INC.**

2023

2023204206 Nantkwest, Inc. The name of the applicant has been altered to **ImmunityBio, Inc.**

Applications Open to Public Inspection

Name Index

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

(71) 24M Technologies, Inc.; Fukushima, T.
 (11) AU-A-2023254904
 (21) 2023254904 (22) 24.10.2023
 (54) SINGLE POUCH BATTERY CELLS AND METHODS OF MANUFACTURE
 (51) Int. Cl.
H01M 10/058 (2010.01)
 (43) 16.11.2023
 (62) 2021240160
 (72) Fukushima, Takaaki; Ota, Naoki; Bazarella, Ricardo; Tan, Taison
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) 6 over 6 Vision Ltd.
 (11) AU-A-2023257231
 (21) 2023257231 (22) 30.10.2023
 (54) Apparatus, System and Method of Determining One or More Optical Parameters of a Lens
 (51) Int. Cl.
G01M 11/02 (2006.01)
A61B 3/02 (2006.01)
G02C 7/00 (2006.01)
 (43) 16.11.2023
 (62) 2021258036
 (72) Haim Bachar; Shahar Levy; Nir Altmark; Ofer Limon
 (74) James & Wells Intellectual Property

(71) A.L.M Holding Company; Ergon Asphalt & Emulsions, Inc.
 (11) AU-A-2023254926
 (21) 2023254926 (22) 25.10.2023
 (54) BITUMINIOUS EMULSIONS CONTAINING STEROL ADDITIVE FOR ASPHALT PAVEMENT
 (51) Int. Cl.
C08L 91/00 (2006.01)
C04B 18/16 (2023.01)
C04B 26/26 (2006.01)
C08L 95/00 (2006.01)
E01C 1/00 (2006.01)
E01C 7/35 (2006.01)
 (43) 16.11.2023
 (62) 2018215360
 (72) Reinke, Gerald H.; Baumgardner, Gaylon L.; Hanz, Andrew
 (74) Dark IP

(71) Abu-Hammam, N.; Morales, J.; Romeo, M.J.B.
 (11) AU-A-2023251445
 (21) 2023251445 (22) 18.10.2023
 (54) Remotely Controllable Article Dispensing Systems, Devices, And Methods
 (51) Int. Cl.
G06Q 50/00 (2012.01)
G06Q 10/08 (2023.01)

(43) 16.11.2023
 (62) 2017228572
 (72) Abu-Hammam, Nezar; Morales, Jaime; Romeo, Maria Jesus Bragado
 (74) PIPERS

(71) Acer Incorporated
 (11) AU-A-2023202522
 (21) 2023202522 (22) 26.04.2023
 (54) METHOD FOR DUPLEX OPERATION AND USER EQUIPMENT USING THE SAME
 (51) Int. Cl.
H04L 5/14 (2006.01)
H04J 1/00 (2006.01)
H04L 1/04 (2006.01)

(31) 63/336,242 (32) 28.04.22 (33) US
 18/302,001 18.04.23 US
 (43) 16.11.2023
 (72) CHEN, Jen-Hsien; LEE, Chien-Min; LO, Li-Chung
 (74) Collison & Co

(71) Acer Incorporated
 (11) AU-A-2023202524
 (21) 2023202524 (22) 26.04.2023
 (54) TRANSMISSION DIRECTION SETTING METHOD, USER EQUIPMENT, NETWORK DEVICE
 (51) Int. Cl.
H04L 5/18 (2006.01)
H04L 5/06 (2006.01)
H04L 5/26 (2006.01)
H04W 16/14 (2009.01)
H04W 72/04 (2023.01)
H04W 72/50 (2023.01)
 (31) 63/336,229 (32) 28.04.22 (33) US
 18/302,000 18.04.23 US
 (43) 16.11.2023
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G06T 11/80 (2006.01)
G06F 30/27 (2020.01)
G10K 15/02 (2006.01)
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 (54) Drinking device
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B65D 47/06 (2006.01)
B65D 47/26 (2006.01)
B65D 47/30 (2006.01)
B65D 51/24 (2006.01)

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A61F 9/007 (2006.01)
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C07H 21/00 (2006.01)
C12N 15/113 (2010.01)

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(54) Recharging Control Method of Desktop Robot
(51) Int. Cl.
G05D 1/02 (2020.01)
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(72) XU, Dengke; XIAO, Gangjun; ZHAO, Weibing
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A61P 35/04 (2006.01)
A61F 13/00 (2006.01)
A61K 31/351 (2006.01)
C07K 14/81 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
A63F 9/00 (2006.01)
A63F 1/06 (2006.01)
G06Q 30/02 (2023.01)
G06Q 50/10 (2012.01)
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C07D 487/04 (2006.01)
A61K 31/51 (2006.01)
A61P 9/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(74) FPA Patent Attorneys Pty Ltd
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G07F 17/34 (2006.01)
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A63F 13/22 (2014.01)
A63F 13/45 (2014.01)
A63F 13/70 (2014.01)
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(72) TRAN, Toan
(74) Griffith Hack
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A61B 5/145 (2006.01)
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(51) Int. Cl.
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C12N 15/11 (2006.01)
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B01D 61/00 (2006.01)
A61K 31/07 (2006.01)
A61K 31/197 (2006.01)
A61K 31/407 (2006.01)
A61K 31/7036 (2006.01)
A61K 31/7088 (2006.01)
A61K 38/05 (2006.01)
A61K 38/28 (2006.01)
B01D 61/36 (2006.01)
B01D 63/02 (2006.01)
B01D 69/00 (2006.01)
B01D 69/08 (2006.01)
B01D 69/10 (2006.01)
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B01D 71/42 (2006.01)
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A61K 9/08 (2006.01)
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A61P 11/00 (2006.01)
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H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
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H04N 19/124 (2014.01)
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H04N 19/13 (2014.01)
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H01Q 21/00 (2006.01)
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H01M 50/262 (2021.01)
H01M 10/42 (2006.01)
H01M 50/204 (2021.01)
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B60L 50/60 (2019.01)
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 (72) SPOONER, Dominic
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A61M 50/00 (2006.01)
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A61M 39/16 (2006.01)
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A61M 5/00 (2006.01)
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A47C 27/05 (2006.01)

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 (74) Michael Buck IP
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C07D 487/04 (2006.01)
A61K 31/4985 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
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H01T 23/00 (2006.01)
H05K 7/20 (2006.01)
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 (21) 2023201644 (22) 16.03.2023
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 (51) Int. Cl.
A61K 9/127 (2006.01)
A61K 47/18 (2017.01)
A61K 47/28 (2006.01)
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 (51) Int. Cl.
C07C 229/10 (2006.01)
A61K 9/51 (2006.01)
A61K 47/18 (2017.01)
C07C 233/05 (2006.01)
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C07D 211/34 (2006.01)
C07D 211/62 (2006.01)
C07D 295/108 (2006.01)
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C07D 241/38 (2006.01)
A61K 31/498 (2006.01)
A61P 9/00 (2006.01)
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G01S 7/521 (2006.01)
B60R 11/00 (2006.01)
G01S 17/88 (2006.01)
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 (51) Int. Cl.
C07D 401/04 (2006.01)
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 (74) FB Rice Pty Ltd
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 (54) System for packaging, processing, and activating a bundled greeting and gift card
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G06Q 40/00 (2023.01)
G06Q 30/00 (2023.01)
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 (72) KINGSBOROUGH, Donald
 (74) Davies Collison Cave Pty Ltd
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 (51) Int. Cl.
A61F 2/26 (2006.01)
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 (72) Jessica Elizabeth FELTON
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 (54) IMPROVED ANTENNA APPARATUS AND METHOD
 (51) Int. Cl.
H01Q 1/12 (2006.01)
H01Q 1/08 (2006.01)
H01Q 1/20 (2006.01)
H01Q 1/32 (2006.01)
F16M 11/10 (2006.01)
F16M 11/18 (2006.01)
 (31) 2022901104 (32) 27.04.22 (33) AU
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 (72) Boyle, Peter
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C07D 401/14 (2006.01)
A61K 31/501 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
C07D 401/12 (2006.01)
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 (74) AJ PARK
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 (11) AU-A-2023253048

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 (54) Using on-demand applications to generate virtual numbers for a contactless card to securely autofill forms
 (51) Int. Cl.
G06F 21/35 (2013.01)
G06F 21/44 (2013.01)
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H04W 4/80 (2018.01)
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 (62) 2020215026
 (72) RULE, Jeffrey; LUTZ, Wayne; MORETON, Paul
 (74) GLMR

(71) Capital One Services, LLC
 (11) AU-A-2023254864
 (21) 2023254864 (22) 23.10.2023
 (54) Multi-factor authentication providing a credential via a contactless card for secure messaging
 (51) Int. Cl.
H04L 9/32 (2006.01)
H04W 12/06 (2021.01)
H04W 12/47 (2021.01)
H04W 4/14 (2009.01)
H04W 4/80 (2018.01)
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 (72) RULE, Jeffrey; OSBORN, Kevin
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A61P 27/00 (2006.01)
A61F 9/007 (2006.01)
A61K 35/30 (2015.01)
A61M 35/00 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) SYSTEM FOR MANAGING PROMOTIONS
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A63F 13/00 (2014.01)
G06Q 30/00 (2023.01)
G09F 23/14 (2006.01)
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C11D 17/06 (2006.01)
C11D 3/00 (2006.01)
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 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

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G16H 20/30 (2018.01)
A63B 24/00 (2006.01)
G16H 10/60 (2018.01)
G16H 50/30 (2018.01)
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 (54) Terlipressin compositions and their methods of use
 (51) Int. Cl.
A61K 38/095 (2019.01)
C07K 7/16 (2006.01)
 (43) 16.11.2023
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 (72) PATOU, Gary
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B60T 17/22 (2006.01)
B66C 13/18 (2006.01)
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 (43) 16.11.2023
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 (21) 2022408197 (22) 19.09.2022
 (54) SYSTEM FOR CONTROLLING MULTI-POINT SYNCHRONOUS BRAKING OF MONORAIL HOIST AND UTILIZATION METHOD THEREOF
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 (74) IP Guardian Pty Ltd

(71) Cixi Bosheng Plastic Co., Ltd.
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 (54) Mop bucket for cleaning and wringing flat mop
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A47L 13/59 (2006.01)
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(11) AU-A-2023254966
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(54) METHOD AND SYSTEM FOR RE-
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G06Q 20/24 (2012.01)
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A01D 41/127 (2006.01)
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G01N 21/85 (2006.01)
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A61B 5/145 (2006.01)
A61B 5/1473 (2006.01)
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A61B 5/1486 (2006.01)
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high frequency reconstruction tech-
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G10L 19/02 (2013.01)
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H04N 19/00 (2014.01)
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C07K 1/14 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

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A01N 37/00 (2006.01)
A01N 37/16 (2006.01)
A23C 7/02 (2006.01)
A61L 2/18 (2006.01)
C02F 1/72 (2023.01)
C07C 407/00 (2006.01)
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B25B 27/02 (2006.01)
B23P 19/027 (2006.01)
B23P 19/04 (2006.01)
B25B 28/00 (2006.01)
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G06F 18/2413 (2023.01)
G06F 40/20 (2020.01)
G06N 3/045 (2023.01)
G06T 7/00 (2017.01)
H04L 9/40 (2022.01)
H04L 61/4511 (2022.01)
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A61K 31/506 (2006.01)
A61K 9/16 (2006.01)
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(51) Int. Cl.
A61K 31/506 (2006.01)
A61K 9/16 (2006.01)
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(51) Int. Cl.
C07D 257/08 (2006.01)
A61K 31/495 (2006.01)
A61K 31/50 (2006.01)
A61K 31/501 (2006.01)
C07D 403/02 (2006.01)
C07D 403/12 (2006.01)
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A61K 31/495 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(54) COMBINATION THERAPY FOR TREATING CANCER
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A61K 31/5377 (2006.01)
A61K 31/404 (2006.01)
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A61P 35/00 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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C12N 9/10 (2006.01)
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E21B 43/34 (2006.01)
E21B 43/12 (2006.01)
F04D 31/00 (2006.01)
F16L 55/04 (2006.01)
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(72) BRENNÉ, Lars
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(71) Ess Tech, Inc.
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H01M 8/04082 (2016.01)
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H01M 8/0258 (2016.01)
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 (54) Electrosurgical device and methods
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C07D 519/00 (2006.01)
A61K 31/519 (2006.01)
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 (74) A.P.T. Patent and Trade Mark Attorneys

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 (54) T cell compositions for immunotherapy
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C12N 5/078 (2010.01)
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G16C 10/00 (2019.01)

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 A61B 5/024 (2006.01)
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 C08J 5/18 (2006.01)
 C08L 23/06 (2006.01)
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A47B 88/40 (2017.01)
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A47D 5/00 (2006.01)
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(54) Vehicle rim with one of at least one sub-
preform flange area; and method of
making a rim body
(51) Int. Cl.
B60B 21/10 (2006.01)
B29C 65/48 (2006.01)
B29C 65/56 (2006.01)
B60B 5/02 (2006.01)
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(74) Spruson & Ferguson

(71) Muzak LLC
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(21) 2023251515 (22) 20.10.2023
(54) Audio and Visual Digital Media System
(51) Int. Cl.
H04N 21/43 (2011.01)
H04H 40/00 (2008.01)
H04N 21/2368 (2011.01)
H04N 21/439 (2011.01)
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(72) VAN BAREN, Morgan Jean Rene;
COURTNEY, Gordon Howard
(74) James & Wells Intellectual Property

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(54) MEDICAL DEVICE COMMUNICATION
AND CHARGING ASSEMBLIES FOR
USE WITH IMPLANTABLE SIGNAL
GENERATORS
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A61N 1/36 (2006.01)
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(72) Parker, Jon; Chitre, Yougandh; Walker,
Andre B.
(74) RnB IP Pty Ltd

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(54) Inductor coil for an aerosol provision
device
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H05B 6/10 (2006.01)
H01F 41/06 (2016.01)
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(72) WARREN, Luke James; THORSEN,
Mitchel
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(54) Device and method for collecting
plasma
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B01L 3/00 (2006.01)
G01N 33/48 (2006.01)
G01N 33/483 (2006.01)
G01N 33/49 (2006.01)
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(74) AJ PARK

(71) NVIDIA Corporation
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(54) Video upsampling using one or more
neural networks
(51) Int. Cl.
G06T 1/20 (2006.01)
(43) 16.11.2023
(62) 2020346707
(72) LIU, Shiqiu; LE, Matthieu; TAO, Andrew
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2023251542
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(54) Video upsampling using one or more
neural networks
(51) Int. Cl.
G06T 1/20 (2006.01)
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(72) LIU, Shiqiu; LE, Matthieu; TAO, Andrew
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(11) AU-A-2023251547
(21) 2023251547 (22) 20.10.2023
(54) Video upsampling using one or more
neural networks
(51) Int. Cl.
G06T 1/20 (2006.01)
(43) 16.11.2023
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(54) Composition for preventing and treating
muscular disease
(51) Int. Cl.
A61K 31/522 (2006.01)
A23L 33/10 (2016.01)
A61K 31/197 (2006.01)
A61K 31/437 (2006.01)
A61P 21/00 (2006.01)
(43) 16.11.2023
(62) 2021269368
(72) KIM, Yi-Rang; CHOI, Jin-Woo
(74) FB Rice Pty Ltd

(71) Opex Corporation
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(54) MATERIAL HANDLING APPARATUS
WITH DELIVERY VEHICLES
(51) Int. Cl.
B07C 3/08 (2006.01)
B65G 1/06 (2006.01)
G06T 7/13 (2017.01)
(43) 16.11.2023
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(72) DEWITT, Robert R.; STEVENS, Alex-
ander; MCVAUGH, Monty; WALSH,
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 G16H 30/40 (2018.01)
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 (72) SUE, Jilian; LOCKE, Jason; SCHUEFFLER, Peter; KANAN, Christopher; FUCHS, Thomas; GRADY, Leo
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 (11) AU-A-2023254919
 (21) 2023254919 (22) 25.10.2023
 (54) Dual laser measurement device and online ordering system using the same
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 G01S 17/08 (2006.01)
 G01B 11/02 (2006.01)
 G01C 3/24 (2006.01)
 G06F 17/10 (2006.01)
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 (54) Phage therapy
 (51) Int. Cl.
 A01N 63/00 (2020.01)
 A61K 35/76 (2015.01)
 C07K 14/01 (2006.01)
 C12N 7/00 (2006.01)
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 (51) Int. Cl.
 G06F 21/00 (2013.01)
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 (72) Hockey, William; Kelly, Michael
 (74) Davies Collison Cave Pty Ltd
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 A61K 9/127 (2006.01)
 A61K 47/10 (2017.01)
 A61K 47/24 (2006.01)
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 (72) TSENG, Tzu-Ying
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- (71) President and Fellows of Harvard College
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 C12N 9/78 (2006.01)
 (43) 16.11.2023
 (62) 2021200375
 (72) Liu, David R.; Komor, Alexis Christine
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Quantum-Si Incorporated
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 (21) 2023255041 (22) 27.10.2023
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 B01L 3/00 (2006.01)
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 (51) Int. Cl.
 F02B 43/12 (2006.01)
 F02B 43/10 (2006.01)
 F02D 19/02 (2006.01)
 F02D 19/08 (2006.01)
 F02D 35/00 (2006.01)
 F02D 41/14 (2006.01)
 F02M 21/02 (2006.01)
 F02M 25/00 (2006.01)
 F02M 26/00 (2016.01)
 (31) 18/050,175 (32) 27.10.22 (33) US
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 (72) Malm, Howard
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 (51) Int. Cl.
 B64C 39/02 (2023.01)
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 (72) Blache, Andreas
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 (11) AU-A-2023258323
 (21) 2023258323 (22) 30.10.2023
 (54) Device for preserving blood products and cellular cultures in a gas medium under pressure
 (51) Int. Cl.
 A61J 1/05 (2006.01)
 B65D 81/20 (2006.01)
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 (62) 2018228495
 (72) Ilya Ilyin
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 (51) Int. Cl.
 C07D 413/14 (2006.01)
 A61K 31/553 (2006.01)
 A61P 29/00 (2006.01)
 A61P 37/02 (2006.01)
 C07D 413/12 (2006.01)
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 (21) 2023202614 (22) 28.04.2023
 (54) An ultrasonic fluid meter incorporating a pressure sensor
 (51) Int. Cl.
 G01F 1/7082 (2022.01)
 G01F 1/667 (2022.01)
 (31) 2204101 (32) 29.04.22 (33) FR
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 (72) SABRAOUI, Abbas; BASTURK, Ahmet Samed; ABID, Oussama
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 (21) 2023202615 (22) 28.04.2023
 (54) Monitoring a solenoid valve
 (51) Int. Cl.
F16K 29/02 (2006.01)
F04D 27/00 (2006.01)
F16K 31/04 (2006.01)
F16K 37/00 (2006.01)
G01F 1/66 (2022.01)
G05D 7/00 (2006.01)
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 Samed; ABID, Oussama
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(71) Sagemcom Energy & Telecom SAS
 (11) AU-A-2023202616
 (21) 2023202616 (22) 28.04.2023
 (54) Measurement of flow rate from the electrical impedances of piezoelectric transducers
 (51) Int. Cl.
G01F 1/66 (2022.01)
F16K 31/126 (2006.01)
G01F 1/663 (2022.01)
G01F 1/667 (2022.01)
G01F 15/00 (2006.01)
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 (43) 16.11.2023
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 (54) An ultrasonic fluid meter incorporating two pressure sensors
 (51) Int. Cl.
G01F 1/667 (2022.01)
G01F 1/66 (2022.01)
G05D 7/01 (2006.01)
 (31) 2204102 (32) 29.04.22 (33) FR
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 (72) SABRAOUI, Abbas; BASTURK, Ahmet
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(71) Salk Institute for Biological Studies
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 (54) EXOGENOUS GENE EXPRESSION IN THERAPEUTIC ADENOVIRUS FOR MINIMAL IMPACT ON VIRAL KINETICS
 (51) Int. Cl.
C12N 15/86 (2006.01)
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 (72) Clodagh O'Shea; William Partlo; Colin Powers
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 (21) 2023254881 (22) 24.10.2023
 (54) ENCODING METHOD AND APPARATUS THEREFOR, AND DECODING METHOD AND APPARATUS THEREFOR
 (51) Int. Cl.
H04N 19/124 (2014.01)
H04N 19/119 (2014.01)
H04N 19/129 (2014.01)
H04N 19/176 (2014.01)
H04N 19/70 (2014.01)
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 (72) Yang, Heechul; Park, Minsoo
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 (11) AU-A-2023254882
 (21) 2023254882 (22) 24.10.2023
 (54) ENCODING METHOD AND APPARATUS THEREFOR, AND DECODING METHOD AND APPARATUS THEREFOR
 (51) Int. Cl.
H04N 19/124 (2014.01)
H04N 19/119 (2014.01)
H04N 19/129 (2014.01)
H04N 19/176 (2014.01)
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 (72) Yang, Heechul; Park, Minsoo
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 (54) ENCODING METHOD AND APPARATUS THEREFOR, AND DECODING METHOD AND APPARATUS THEREFOR
 (51) Int. Cl.
H04N 19/124 (2014.01)
H04N 19/119 (2014.01)
H04N 19/129 (2014.01)
H04N 19/176 (2014.01)
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 (72) Yang, Heechul; Park, Minsoo
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) SAMSUNG ELECTRONICS CO., LTD.
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 (21) 2023254971 (22) 26.10.2023
 (54) Method and device for transmitting uplink control channel in wireless communication system
 (51) Int. Cl.
H04W 72/12 (2023.01)
H04L 5/00 (2006.01)
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 (62) 2022204734
 (72) CHOI, Seunghoon; KIM, Youngbum; KIM, Taehyung; LEE, Juho
 (74) Griffith Hack

Sand, B. see Ampersand Biopharmaceuticals, LLC
 (21) 2023254920

(71) Sap Products Limited
 (11) AU-A-2022205195
 (21) 2022205195 (22) 13.07.2022
 (54) Highly Flexible Shelf Device
 (51) Int. Cl.
A47B 57/58 (2006.01)
A47B 96/04 (2006.01)
A47F 5/00 (2006.01)
F25D 25/02 (2006.01)
 (31) 202220998777.1 (32) 27.04.22 (33) CN
 (43) 16.11.2023
 (72) WONG, Sau Man Symon
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) SELC Ireland Ltd
 (11) AU-A-2023255028
 (21) 2023255028 (22) 27.10.2023
 (54) Method and System for Managing Power Grid Stability Utilising Local Dynamic Load Control
 (51) Int. Cl.
H02J 3/12 (2006.01)
H02J 3/18 (2006.01)
H02J 3/38 (2006.01)
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 (43) 16.11.2023
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 (72) KERRIGAN, William John; MAGEE, Frank; GAYER, Pat
 (74) Walker IP

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 (21) 2023255058 (22) 30.10.2023
 (54) Method and system for production optimization
 (51) Int. Cl.
F25J 1/00 (2006.01)
F25J 1/02 (2006.01)
G05B 13/04 (2006.01)
G05B 17/00 (2006.01)
G05B 23/00 (2006.01)
 (43) 16.11.2023
 (62) 2021225308
 (72) Raghuraman PITCHUMANI; Sharan NAIR; Rakesh Jaysinh PALEJA; Jasper STOLTE
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(71) Silvec Biologics Inc.
 (11) AU-A-2022203057
 (21) 2022203057 (22) 06.05.2022
 (54) Use of RNA to treat *Xylella fastidiosa* infection in plants
 (51) Int. Cl.
C12N 15/83 (2006.01)
C07K 14/415 (2006.01)
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 (54) Predrill Guide Tool And Methods
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 B23B 47/28 (2006.01)
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 (72) BRIGHAM, Gueary Andrew
 (74) WRAYS PTY LTD

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 (21) 2023254912 (22) 24.10.2023
 (54) HYDROGEL PARTICLES WITH TUNABLE OPTICAL PROPERTIES AND METHODS FOR USING THE SAME
 (51) Int. Cl.
 G01N 33/22 (2006.01)
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 (72) Kim, Jeffrey; Liu, Oliver; Agresti, Jeremy; Nguyen, Anh Tuan
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Slingshot Biosciences, Inc.
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 (54) HYDROGEL PARTICLES WITH TUNABLE OPTICAL PROPERTIES AND METHODS FOR USING THE SAME
 (51) Int. Cl.
 G01N 33/22 (2006.01)
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 (72) Kim, Jeffrey; Liu, Oliver; Agresti, Jeremy; Nguyen, Anh Tuan
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) SomniFix International LLC
 (11) AU-A-2023254970
 (21) 2023254970 (22) 26.10.2023
 (54) METHODS FOR USING A FACE STRIP FOR TREATING BREATHING CONDITIONS
 (51) Int. Cl.
 A61F 5/56 (2006.01)
 A61F 5/37 (2006.01)
 A61M 16/06 (2006.01)
 (43) 16.11.2023
 (62) 2021215237
 (72) Michalak, Andre; Michalak, Nicholas
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Spogen Biotech Inc.
 (11) AU-A-2023226721

(21) 2023226721 (22) 07.09.2023
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
 A01N 25/02 (2006.01)
 A01N 57/12 (2006.01)
 A01N 59/26 (2006.01)
 C05B 15/00 (2006.01)
 (43) 16.11.2023
 (62) 2021269338
 (72) Thompson, Brian M.; Augustin, Jorg
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Spogen Biotech Inc.
 (11) AU-A-2023226725
 (21) 2023226725 (22) 07.09.2023
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
 A01N 25/02 (2006.01)
 A01N 57/12 (2006.01)
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 (72) Thompson, Brian M.; Augustin, Jorg
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(71) Spogen Biotech Inc.
 (11) AU-A-2023226733
 (21) 2023226733 (22) 07.09.2023
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
 A01N 25/02 (2006.01)
 A01N 57/12 (2006.01)
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 (72) Thompson, Brian M.; Augustin, Jorg
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(71) Spogen Biotech Inc.
 (11) AU-A-2023226736
 (21) 2023226736 (22) 07.09.2023
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
 A01N 25/02 (2006.01)
 A01N 57/12 (2006.01)
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 C05B 15/00 (2006.01)
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 (72) Thompson, Brian M.; Augustin, Jorg
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(71) Spogen Biotech Inc.
 (11) AU-A-2023226740
 (21) 2023226740 (22) 07.09.2023
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
 A01N 25/02 (2006.01)
 A01N 57/12 (2006.01)
 A01N 59/26 (2006.01)
 C05B 15/00 (2006.01)
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 (62) 2021269338
 (72) Thompson, Brian M.; Augustin, Jorg
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Spogen Biotech Inc.
 (11) AU-A-2023226742
 (21) 2023226742 (22) 07.09.2023
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
 A01N 25/02 (2006.01)
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 C05B 15/00 (2006.01)
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 (72) Thompson, Brian M.; Augustin, Jorg
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Spogen Biotech Inc.
 (11) AU-A-2023226743
 (21) 2023226743 (22) 07.09.2023
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
 A01N 25/02 (2006.01)
 A01N 57/12 (2006.01)
 A01N 59/26 (2006.01)
 C05B 15/00 (2006.01)
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 (72) Thompson, Brian M.; Augustin, Jorg
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2023226744 (22) 07.09.2023
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
 A01N 25/02 (2006.01)
 A01N 57/12 (2006.01)
 A01N 59/26 (2006.01)
 C05B 15/00 (2006.01)
 (43) 16.11.2023
 (62) 2021269338
 (72) Thompson, Brian M.; Augustin, Jorg
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Spogen Biotech Inc.
 (11) AU-A-2023226745
 (21) 2023226745 (22) 07.09.2023
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
A01N 25/02 (2006.01)
A01N 57/12 (2006.01)
A01N 59/26 (2006.01)
C05B 15/00 (2006.01)
 (43) 16.11.2023
 (62) 2021269338
 (72) Thompson, Brian M.; Augustin, Jorg
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Spogen Biotech Inc.
 (11) AU-A-2023226746
 (21) 2023226746 (22) 07.09.2023
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
A01N 25/02 (2006.01)
A01N 57/12 (2006.01)
A01N 59/26 (2006.01)
C05B 15/00 (2006.01)
 (43) 16.11.2023
 (62) 2021269338
 (72) Thompson, Brian M.; Augustin, Jorg
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Sungrow Power Supply Co., Ltd.
 (11) AU-A-2023202394
 (21) 2023202394 (22) 19.04.2023
 (54) Method and apparatus for insulation monitoring, and system for generating electricity from renewable energy
 (51) Int. Cl.
H02S 50/00 (2014.01)
H02J 3/00 (2006.01)
H02S 10/00 (2014.01)
H02S 40/32 (2014.01)
 (31) 202210416082.2 (32) 20.04.22 (33) CN
 (43) 16.11.2023
 (72) Tian, Zisi; Liang, Cheng; Yao, Pei; Li, Xia; Ding, Jie; Zhang, Jin
 (74) Davies Collison Cave Pty Ltd

(71) Synthekine, Inc.
 (11) AU-A-2023251563
 (21) 2023251563 (22) 23.10.2023
 (54) Biased IL2 muteins methods and compositions
 (51) Int. Cl.
C07K 14/55 (2006.01)
A61K 38/00 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
A61P 37/02 (2006.01)
C07K 14/52 (2006.01)
 (43) 16.11.2023
 (62) 2021207652
 (72) EMMERICH, Jan; KAUDER, Steve; MCCAULEY, Scott Alan; OFT, Martin
 (74) Spruson & Ferguson

(71) T2 Biosystems, Inc.
 (11) AU-A-2023222932
 (21) 2023222932 (22) 31.08.2023
 (54) Methods and systems for amplification in complex samples
 (51) Int. Cl.
C12Q 1/68 (2018.01)
C12P 19/34 (2006.01)
 (43) 16.11.2023
 (62) 2017250205
 (72) Thomann, Ulrich Hans; Snyder, Jessica Lee; Lowery Jr., Thomas Jay
 (74) Griffith Hack

(71) Taro Pharmaceutical Industries Ltd.
 (11) AU-A-2023255052
 (21) 2023255052 (22) 30.10.2023
 (54) TOPICAL MONTELUKAST FORMULATIONS
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 9/107 (2006.01)
A61K 31/47 (2006.01)
A61K 47/10 (2017.01)
A61K 47/32 (2006.01)
A61P 17/00 (2006.01)
A61P 17/04 (2006.01)
A61P 17/06 (2006.01)
A61P 17/08 (2006.01)
A61P 17/10 (2006.01)
 (43) 16.11.2023
 (62) 2021215849
 (72) Vered Rosenberger; Helena Shifrin; Irena Oleinik; Tzviel Sheskin; Ron Schlinger; Avi Avramoff
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Techtronic Cordless GP
 (11) AU-A-2023202440
 (21) 2023202440 (22) 20.04.2023
 (54) Creation of a virtual boundary for a robotic garden tool
 (51) Int. Cl.
G05D 1/02 (2020.01)
A01D 34/00 (2006.01)
G01C 21/00 (2006.01)
 (31) 63/335,933 (32) 28.04.22 (33) US
 (43) 16.11.2023
 (72) LEE, Hei Man; CHOI, Man Ho; LI, Shing Hin; LAI, Hok Sum Sam
 (74) Spruson & Ferguson

(71) Techtronic Cordless GP
 (11) AU-A-2023202529
 (21) 2023202529 (22) 26.04.2023
 (54) Robotic tool with boundary wire sensors
 (51) Int. Cl.
A01D 34/00 (2006.01)
G05D 1/02 (2020.01)
 (31) 63/335,554 (32) 27.04.22 (33) US
 63/347,400 31.05.22 US

(43) 16.11.2023
 (72) LEE, Hei Man; CHOI, Man Ho; LI, Shing Hin; LAI, Hok Sum Sam; NG, Ho Lam
 (74) Spruson & Ferguson

(71) Tencent America LLC
 (11) AU-A-2023255026
 (21) 2023255026 (22) 27.10.2023
 (54) METHOD FOR PADDING PROCESSING WITH SUB-REGION PARTITIONS IN VIDEO STREAM
 (51) Int. Cl.
H04N 19/597 (2014.01)
 (43) 16.11.2023
 (62) 2020349504
 (72) CHOI, Byeongdoo; WENGER, Stephan; LIU, Shan
 (74) Griffith Hack

(71) The Board of Trustees of the University of Arkansas; The Texas A&M University System
 (11) AU-A-2023255055
 (21) 2023255055 (22) 30.10.2023
 (54) Yeast vaccine vector including immunostimulatory and antigenic polypeptides and methods of using the same
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 36/06 (2006.01)
 (43) 16.11.2023
 (62) 2017260323
 (72) Billy HARGIS; Leona Nicole CALHOUN; Luc BERGHMAN; Lisa BIELKE; Olivia B. FAULKNER
 (74) Spruson & Ferguson

(71) The General Hospital Corporation
 (11) AU-A-2023258320
 (21) 2023258320 (22) 30.10.2023
 (54) Antagonistic anti-tumor necrosis factor receptor superfamily antibodies
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 38/19 (2006.01)
A61K 39/395 (2006.01)
C07K 14/715 (2006.01)
 (43) 16.11.2023
 (62) 2017263833
 (72) Denise L. Faustman
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

THE KANSAI ELECTRIC POWER CO., INC.
 see **MITSUBISHI HEAVY INDUSTRIES, LTD.**
 (21) 2022442104

(71) The NOCO Company
 (11) AU-A-2023251544
 (21) 2023251544 (22) 20.10.2023
 (54) Portable vehicle battery jump start apparatus with safety protection
 (51) Int. Cl.
H02J 7/00 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

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 (62) 2023203464
 (72) Nook, Jonathan Lewis; Nook, William Knight; Stanfield, James Richard; Underhill, Derek Michael
 (74) Griffith Hack

(71) The NOCO Company
 (11) AU-A-2023251550
 (21) 2023251550 (22) 20.10.2023
 (54) Portable vehicle battery jump start apparatus with safety protection

(51) Int. Cl.
H02J 7/00 (2006.01)

(43) 16.11.2023
 (62) 2023203464
 (72) Nook, Jonathan Lewis; Nook, William Knight; Stanfield, James Richard; Underhill, Derek Michael
 (74) Griffith Hack

(71) The Procter & Gamble Company
 (11) AU-A-2023226681
 (21) 2023226681 (22) 06.09.2023
 (54) Probiotic bacterial strains that produce short chain fatty acids and compositions comprising same

(51) Int. Cl.
A23L 33/135 (2016.01)
A61K 35/741 (2015.01)
A61P 1/00 (2006.01)
C12N 1/04 (2006.01)
C12N 1/20 (2006.01)
C12P 7/52 (2006.01)

(43) 16.11.2023
 (62) 2020267139
 (72) JANUSZ, Michael John; PLECHATY, Anna Malgorzata
 (74) AJ PARK

(71) The Procter & Gamble Company
 (11) AU-A-2023254930
 (21) 2023254930 (22) 25.10.2023
 (54) DENTIFRICE COMPOSITIONS COMPRISING TIN IONS

(51) Int. Cl.
A61Q 11/00 (2006.01)
A61K 8/19 (2006.01)
A61K 8/20 (2006.01)

(43) 16.11.2023
 (62) 2020303738
 (72) BAIG, Arif; BAKER, Tammy; ST. JOHN, Samuel James
 (74) AJ PARK

The Texas A&M University System see
 The Board of Trustees of the University of
 Arkansas
 (21) 2023255055

(71) Tornier
 (11) AU-A-2023254899
 (21) 2023254899 (22) 24.10.2023
 (54) Method for manufacturing a patient-specific prosthesis for a fractured long bone

(51) Int. Cl.
A61B 17/72 (2006.01)
A61B 17/88 (2006.01)
A61F 2/28 (2006.01)
A61F 2/40 (2006.01)

(43) 16.11.2023
 (62) 2019200794
 (72) Coulange, Vincent; Courtade-Jouanicq, Céline; Gargac, Shawn; Godelu, Marine; Rognin, Guillaume
 (74) FPA Patent Attorneys Pty Ltd

(71) Trianni, Inc.
 (11) AU-A-2023251528
 (21) 2023251528 (22) 20.10.2023
 (54) Enhanced Production Of Immunoglobulins

(51) Int. Cl.
C12N 5/10 (2006.01)
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
A61K 47/62 (2017.01)
A61K 47/65 (2017.01)
C12Q 1/68 (2018.01)
C40B 40/06 (2006.01)
C40B 40/08 (2006.01)
C40B 40/10 (2006.01)

(43) 16.11.2023
 (62) 2017213633
 (72) Killeen, Nigel; Hasenhindl, Christoph; Duong, Bao
 (74) WRAYS PTY LTD

(71) Tritana Intellectual Property Ltd.
 (11) AU-A-2023251458
 (21) 2023251458 (22) 18.10.2023
 (54) BELT DRIVE FOR A WEED SEED DESTRUCTOR OF A COMBINE HARVESTER

(51) Int. Cl.
A01D 41/12 (2006.01)
A01F 12/40 (2006.01)
A01F 12/44 (2006.01)
A01M 21/02 (2006.01)
 (31) 17/968,914 (32) 19.10.22 (33) US
 (43) 16.11.2023
 (62) 2021323989
 (72) MAYERLE, Dean
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Tritana Intellectual Property Ltd.
 (11) AU-A-2023255030
 (21) 2023255030 (22) 27.10.2023
 (54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM

(51) Int. Cl.
A01D 41/12 (2006.01)
A01D 75/00 (2006.01)
A01F 12/42 (2006.01)
A01F 12/44 (2006.01)

(43) 16.11.2023
 (62) 2022203321
 (72) Mayerle, Dean
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Trolex Limited
 (11) AU-A-2023201469
 (21) 2023201469 (22) 09.03.2023
 (54) Crystalline Particle Detection
 (51) Int. Cl.
G06F 18/20 (2023.01)
G01B 9/02015 (2022.01)
G02B 27/28 (2006.01)
G02B 27/42 (2006.01)
 (31) 2206267.3 (32) 29.04.22 (33) GB
 (43) 16.11.2023
 (72) Bhattacharyya, Debabrata; Lord, Joseph
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) UBLOCKOUT TECHNOLOGIES PTY LTD

(11) AU-A-2023254976
 (21) 2023254976 (22) 26.10.2023
 (54) LOCKABLE CORNER BRACKET
 (51) Int. Cl.

E06B 9/54 (2006.01)
E06B 9/42 (2006.01)
E06B 9/44 (2006.01)
E06B 9/52 (2006.01)
E06B 9/56 (2006.01)
E06B 9/58 (2006.01)
E06B 9/62 (2006.01)
E06B 9/68 (2006.01)
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E06B 9/74 (2006.01)
E06B 9/78 (2006.01)

(43) 16.11.2023
 (62) 2022337213
 (72) SCHMICK, Mark; DOLEY, Chris
 (74) Madderns Pty Ltd

(71) UCB Biopharma SRL
 (11) AU-A-2023255037
 (21) 2023255037 (22) 27.10.2023
 (54) Methods of treatment using anti-IL-17A/F antibodies
 (51) Int. Cl.
C07K 16/24 (2006.01)

(43) 16.11.2023
 (62) 2016347471
 (72) Glatt, Sophie; Ionescu, Lucian; Jones, Margaret; Oliver, Ruth; Shaw, Stevan Graham; Strimenopoulou, Foteini; Vajjah, Venkata Pavan Kumar
 (74) Griffith Hack

(71) United Intellectuals International Limited
 (11) AU-A-2023254929
 (21) 2023254929 (22) 25.10.2023
 (54) A METHOD AND SYSTEM FOR COMPILING AND DEPLOYING A GAME FILE
 (51) Int. Cl.
A63F 13/77 (2014.01)

(43) 16.11.2023
 (62) 2018349826
 (72) IP, Hong; IAO, Chilam; LEI, Chiman; WU, Cheokman
 (74) IPiphany Limited

Applications Open to Public Inspection - Name Index cont'd

**Universite Clermont Auvergne see Valbiot-
is**
(21) 2023254910

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- (71) University of Guelph; Yissum Research Development Company of the Hebrew University of Jerusalem, Ltd.; Virginia Commonwealth University
(11) AU-A-2023258319
(21) 2023258319 (22) 30.10.2023
(54) Fatty acid amides and uses thereof in the treatment of addiction disorder and addiction related conditions
(51) Int. Cl.
A61K 31/20 (2006.01)
A61P 25/30 (2006.01)
A61P 25/32 (2006.01)
A61P 25/34 (2006.01)
A61P 25/36 (2006.01)
(43) 16.11.2023
(62) 2021215297
(72) Raphael Mechoulam; Vincenzo Di Marzo; Fabiana Piscitelli; Aron H. Lichtman; Imad M. Damaj; Linda Parker; Rami Yaka
(74) Griffith Hack

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- (71) University of Iowa Research Foundation
(11) AU-A-2023254965
(21) 2023254965 (22) 26.10.2023
(54) COMPOSITIONS AND METHODS OF DETECTING PREDISPOSITION TO CARDIOVASCULAR DISEASE
(51) Int. Cl.
C12Q 1/68 (2018.01)
(43) 16.11.2023
(62) 2017277666
(72) Philibert, Robert; Dogan, Meeshanithini
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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- (71) Valbiot; Universite Clermont Auvergne
(11) AU-A-2023254910
(21) 2023254910 (22) 24.10.2023
(54) COMPOSITION COMPRISING A MIXTURE OF MOLECULES EXTRACTED FROM CHRYSANTHELLUM INDICUM, CYNARA SCOLYMUS AND LYCIUM BARBARUM AND USE TO ACT ON CARBOHYDRATE AND/OR FAT METABOLISM
(51) Int. Cl.
A61K 36/815 (2006.01)
A61K 36/28 (2006.01)
A61K 36/287 (2006.01)
A61K 36/45 (2006.01)
A61K 36/63 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 25/28 (2006.01)
(43) 16.11.2023
(62) 2016342300
(72) Peltier, Sébastien; Chavanelle, Vivien; Sirvent, Pascal
(74) Griffith Hack

- (71) Velano Vascular, Inc.
(11) AU-A-2023251505
(21) 2023251505 (22) 20.10.2023
(54) DEVICES AND METHODS FOR FLUID TRANSFER THROUGH A PLACED PERIPHERAL INTRAVENOUS CATHETER
(51) Int. Cl.
A61M 25/01 (2006.01)
A61B 5/15 (2006.01)
A61M 25/06 (2006.01)
(43) 16.11.2023
(62) 2018239442
(72) Devgon, Pitamber; Ehrenreich, Kevin J.; Briganti, Richard T.; Funk, Brian J.
(74) RnB IP Pty Ltd

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- (71) VELOX-PUREDIGITAL LTD.
(11) AU-A-2023254868
(21) 2023254868 (22) 23.10.2023
(54) PRINTING FORMULATIONS AND METHODS
(51) Int. Cl.
C09D 11/00 (2014.01)
(43) 16.11.2023
(62) 2021204654
(72) COFLER, Marian; COFLER, Adrian; YASEEN, Hanady; AYLEEN, Shai; GAL, Ido
(74) Collison & Co

**Vertex Pharmaceuticals Incorporated see
BioMed Valley Discoveries, Inc.**
(21) 2023254937

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- (71) ViaCyte, Inc.
(11) AU-A-2023248183
(21) 2023248183 (22) 13.10.2023
(54) PDX1 pancreatic endoderm cells in cell delivery devices and methods thereof
(51) Int. Cl.
A61F 2/02 (2006.01)
A61K 9/00 (2006.01)
A61L 27/36 (2006.01)
A61L 27/38 (2006.01)
(43) 16.11.2023
(62) 2016429418
(72) D'Amour, Kevin Allen; Kroon, Evert; Scott, Michael; Martinson, Laura; McGreevy, Craig
(74) RnB IP Pty Ltd

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- (71) ViaSat, Inc.
(11) AU-A-2023255056
(21) 2023255056 (22) 30.10.2023
(54) Time-dependent machine-generated hinting
(51) Int. Cl.
G06F 16/00 (2019.01)
(43) 16.11.2023
(62) 2022205151
(72) Peter Lepeska; Devin Toth
(74) Adams Pluck

**Virginia Commonwealth University see
University of Guelph**

- (21) 2023258319
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- (71) W. L. Gore & Associates, Inc.
(11) AU-A-2023254928
(21) 2023254928 (22) 25.10.2023
(54) DENTAL FLOSS DISPENSER
(51) Int. Cl.
A61C 15/04 (2006.01)
(43) 16.11.2023
(62) 2019451224
(72) CULLY, Edward H.; SCOTTI, Christine M.
(74) Griffith Hack

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- (71) W. L. Gore & Associates, Inc.
(11) AU-A-2023254987
(21) 2023254987 (22) 26.10.2023
(54) Artificial chordae tendineae repair devices and delivery thereof
(51) Int. Cl.
A61F 2/24 (2006.01)
(43) 16.11.2023
(62) 2021236494
(72) TRAPP, Benjamin M; GOEPFRICH, James L.; HEDBERG, Brandon C.; SHAW, Edward E.; HEMMER, Jason D.; GOODMAN, Paul D.
(74) Griffith Hack

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- (71) Walker Digital Table Systems, LLC
(11) AU-A-2023254860
(21) 2023254860 (22) 23.10.2023
(54) Identifying a specially designated object to facilitate dynamic promotions related to use of the object
(51) Int. Cl.
A63F 1/00 (2006.01)
A63F 3/00 (2006.01)
A63F 9/24 (2006.01)
G06K 7/10 (2006.01)
G06K 7/14 (2006.01)
(43) 16.11.2023
(62) 2021257942
(72) Hettinger, Mark; Moore, Stephen; Russell, Michael
(74) Michael Buck IP

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- (71) Willowtree Holdings Pty Ltd
(11) AU-A-2023202540
(21) 2023202540 (22) 27.04.2023
(54) PACKAGING FOR WHEEL RIMS
(51) Int. Cl.
B65D 5/32 (2006.01)
B65B 25/24 (2006.01)
B65D 57/00 (2006.01)
B65D 85/02 (2006.01)
B65D 85/68 (2006.01)
B65D 5/04 (2006.01)
B65D 85/06 (2006.01)
(31) 2022901101 (32) 27.04.22 (33) AU
(43) 16.11.2023
(72) Tsoutsoulis, Angelo
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Wonderland Switzerland AG
(11) AU-A-2023202404

Applications Open to Public Inspection - Name Index cont'd

(21) 2023202404 (22) 19.04.2023 ZHEJIANG JINKO SOLAR CO., LTD. see
 (54) CHILD SAFETY SEAT JINKO SOLAR CO., LTD.
 (51) Int. Cl. (21) 2023254895
B60N 2/28 (2006.01)

(31) 202210470360.2 (32) 28.04.22 (33) CN
 (43) 16.11.2023
 (72) Chen, Yingzhong
 (74) James & Wells Intellectual Property

(71) Wonderland Switzerland AG
 (11) AU-A-2023255007
 (21) 2023255007 (22) 27.10.2023
 (54) SYNCHRONOUS FOLDING MECH-
 ANISM AND STROLLER HAVING THE
 SAME
 (51) Int. Cl.
B62B 7/08 (2006.01)

(43) 16.11.2023
 (62) 2020256379
 (72) Yuan, Jialiang
 (74) PHILLIPS ORMONDE FITZPATRICK

XUZHOU KERUI MINING TECHNOLOGY
 CO., LTD. see CHINA UNIVERSITY OF MIN-
 ING AND TECHNOLOGY
 (21) 2022408194

Yissum Research Development Company
 of the Hebrew University of Jerusalem,
 Ltd. see University of Guelph
 (21) 2023258319

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko
 Solar Co., Ltd.
 (11) AU-A-2022331905
 (21) 2022331905 (22) 12.10.2022
 (54) Solar cell and photovoltaic module
 (51) Int. Cl.
H01L 31/0236 (2006.01)

(31) 202210474482.9 (32) 29.04.22 (33) CN
 (43) 16.11.2023
 (72) YU, Ding; WANG, Zhao; YANG, Jie;
 LI, Wenqi; WU, Jiahao; WANG, Hao;
 CHAI, Jialei; ZHANG, Xiaowen; ZHAO,
 Shijie
 (74) Franke Hyland Pty Ltd

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko
 Solar Co., Ltd.
 (11) AU-A-2023255047
 (21) 2023255047 (22) 27.10.2023
 (54) PHOTOVOLTAIC CELL, METHOD
 FOR MANUFACTURING SAME, AND
 PHOTOVOLTAIC MODULE
 (51) Int. Cl.
H01L 31/0256 (2006.01)
H01L 21/38 (2006.01)
H01L 29/51 (2006.01)

(43) 16.11.2023
 (62) 2022204646
 (72) Jingsheng Jin; Nannan Yang; Lin'an
 Zhang; Guangming Liao; Xinyu Zhang
 (74) Madderns Pty Ltd

Numerical Index

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2022202901	ENSIGN INFOSECURITY PTE. LTD.	2023226746	Spogen Biotech Inc.
2022202909	custance investments pty ltd	2023229572	ESS TECH, INC.
2022203057	Silvec Biologics Inc.	2023237184	Battery Graphene Corp Pty Ltd
2022203991	Beijing FlowCloud Data Technology Co., Ltd.	2023248100	Google LLC
2022204489	Intuit Inc.	2023248159	Becton, Dickinson and Company
2022204712	Intuit Inc.	2023248183	ViaCyte, Inc.
2022205195	Sap Products Limited	2023251445	Abu-Hammam, N.; Morales, J.; Romeo, M.J.B.
2022215204	Featurespace Limited	2023251449	Epizyme, Inc.
2022228220	Jiangsu Huibei New Materials Co., Ltd.	2023251451	Becton, Dickinson and Company
2022275405	Chengdu Shangyi Information Technology Co., Ltd.	2023251455	i-SENS, Inc
2022331905	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.	2023251458	Tritana Intellectual Property Ltd.
2022408193	CHINA UNIVERSITY OF MINING AND TECHNOLOGY	2023251459	International Paper Company
2022408194	CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU KERUI MINING TECHNOLOGY CO., LTD.	2023251470	Nevro Corporation
2022408197	CHINA UNIVERSITY OF MINING AND TECHNOLOGY	2023251480	AVALYN PHARMA INC.
2022442104	MITSUBISHI HEAVY INDUSTRIES, LTD.; THE KANSAI ELECTRIC POWER CO., INC.	2023251505	Velano Vascular, Inc.
2023200144	REC DIŞ TİCARET LİMİTED ŞİRKETİ	2023251515	Muzak LLC
2023201151	Adobe Inc.	2023251525	Ionis Pharmaceuticals, Inc.
2023201407	Jaensch, A.	2023251526	Pherecydes Pharma
2023201469	Troxel Limited	2023251528	Trianni, Inc.
2023201624	Deere & Company	2023251532	ConMed Corporation
2023201644	Beijing Jitai Pharmaceutical Technology Co., Ltd.; Hangzhou Jitai Pharmaceutical Technology Co., Ltd.	2023251534	McKenna, E.
2023201645	Beijing Jitai Pharmaceutical Technology Co., Ltd.; Hangzhou Jitai Pharmaceutical Technology Co., Ltd.	2023251537	LivePerson, Inc.
2023201878	Aristocrat Technologies, Inc.	2023251538	Simpson Strong-Tie Company Inc.
2023201951	Deere & Company	2023251540	NVIDIA Corporation
2023202092	IGT	2023251541	llumina, Inc.; Illumina Cambridge Limited
2023202093	IGT	2023251542	NVIDIA Corporation
2023202246	E. Mishan & Sons, Inc.	2023251543	Apple Inc.
2023202326	HANGZHOU NORMAL UNIVERSITY QIANJIANG COLLEGE	2023251544	The NOCO Company
2023202394	Sungrow Power Supply Co., Ltd.	2023251545	MedicalTree Patent Ltd
2023202404	Wonderland Switzerland AG	2023251546	Eagle Biologics, Inc.
2023202434	Boyle, P.	2023251547	NVIDIA Corporation
2023202440	Techtronic Cordless GP	2023251548	GUANGDONG OPPO MOBILE TELECOMMUNICA- TIONS CORP., LTD.
2023202463	Framy Inc.	2023251549	Dexcom, Inc.
2023202504	Khoury, G.	2023251550	The NOCO Company
2023202517	leitmann, z.	2023251554	Knog Pty Ltd
2023202522	Acer Incorporated	2023251555	Asiatic Innovations Pty Ltd
2023202524	Acer Incorporated	2023251559	CMS Technology, Inc
2023202529	Techtronic Cordless GP	2023251563	Synthekine, Inc.
2023202540	Willowtree Holdings Pty Ltd	2023253048	Capital One Services, LLC
2023202578	HydroCare Australia Investment Pty Ltd	2023254860	Walker Digital Table Systems, LLC
2023202614	Sagemcom Energy & Telecom SAS	2023254861	Munch Baby Inc.
2023202615	Sagemcom Energy & Telecom SAS	2023254862	Eximis Surgical Inc.
2023202616	Sagemcom Energy & Telecom SAS	2023254864	Capital One Services, LLC
2023202617	Sagemcom Energy & Telecom SAS	2023254865	iRhythm Technologies, Inc.
2023202619	Beijing Tusen Zhitu Technology Co., Ltd.	2023254866	Annapurna Bio, Inc.
2023202643	Enerpac Tool Group Corp.	2023254868	VELOX-PUREDIGITAL LTD.
2023202667	Munich Composites GmbH	2023254871	REM Technology Inc.
2023202675	Makinex IP Pty Ltd	2023254872	Ess Tech, Inc.
2023202676	Logena Pty Ltd	2023254879	LanzaTech, Inc.
2023203973	Chem-Dry, Inc.	2023254880	Apple Inc.
2023222851	Genmab B.V.	2023254881	Samsung Electronics Co., Ltd.
2023222932	T2 Biosystems, Inc.	2023254882	Samsung Electronics Co., Ltd.
2023226646	Alnylam Pharmaceuticals, Inc.	2023254883	Samsung Electronics Co., Ltd.
2023226681	The Procter & Gamble Company	2023254884	Rheinmetall Waffe Munition GmbH
2023226721	Spogen Biotech Inc.	2023254885	NOWDiagnostics, Inc.
2023226725	Spogen Biotech Inc.	2023254886	Merck Sharp & Dohme LLC
2023226733	Spogen Biotech Inc.	2023254887	InterDigital VC Holdings, Inc.
2023226736	Spogen Biotech Inc.	2023254889	Blackhawk Network, Inc.
2023226740	Spogen Biotech Inc.	2023254890	i-SENS, Inc.
2023226742	Spogen Biotech Inc.	2023254891	Plaid Inc.
2023226743	Spogen Biotech Inc.	2023254892	iCHASE Safety Solution Pty Ltd
2023226744	Spogen Biotech Inc.	2023254894	Epizyme, Inc.; Health Research, Inc.
		2023254895	JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.; AJ Pietras IP Limited
		2023254896	BEDGEAR, LLC
		2023254899	Tornier

Applications Open to Public Inspection - Numerical Index cont'd

2023254904	24M Technologies, Inc.; Fukushima, T.	2023255041	Quantum-Si Incorporated
2023254907	Equinor Energy AS	2023255045	Magnetite (Australia) Pty. Ltd.
2023254910	Valbiotis; Universite Clermont Auvergne	2023255047	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2023254911	Arizona Board of Regents on Behalf of The University of Arizona	2023255048	Cixi Bosheng Plastic Co., Ltd.
2023254912	Slingshot Biosciences, Inc.	2023255051	CFPH, LLC
2023254913	Slingshot Biosciences, Inc.	2023255052	Taro Pharmaceutical Industries Ltd.
2023254918	Epitracker, Inc.	2023255053	Alcon Inc.
2023254919	Panosian, M.H.; Keeler, J.M.	2023255054	Salk Institute for Biological Studies
2023254920	Ampersand Biopharmaceuticals, LLC; Sand, B.	2023255055	The Board of Trustees of the University of Arkansas; The Texas A&M University System
2023254922	Paige. AI, Inc.	2023255056	ViaSat, Inc.
2023254923	Beijing Tide Pharmaceutical Co., Ltd.	2023255058	Shell Internationale Research Maatschappij B.V.
2023254925	BeiGene, Ltd.	2023256275	Boston Scientific Scimed, Inc.
2023254926	A.L.M Holding Company; Ergon Asphalt & Emulsions, Inc.	2023257231	6 over 6 Vision Ltd.
2023254928	W. L. Gore & Associates, Inc.	2023258316	eBay Inc.
2023254929	United Intellectuals International Limited	2023258317	Merck Sharp & Dohme Corp.
2023254930	The Procter & Gamble Company	2023258319	University of Guelph; Yissum Research Development Company of the Hebrew University of Jerusalem, Ltd.; Virginia Commonwealth University
2023254931	CytomX Therapeutics, Inc.	2023258320	The General Hospital Corporation
2023254932	Dexcom, Inc.	2023258323	Rich Technologies Holding Company, LLC
2023254934	HG Partners, LLC	2023258324	Angel Group Co., Ltd.
2023254936	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2023258327	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2023254937	BioMed Valley Discoveries, Inc.; Vertex Pharmaceuticals Incorporated	2023258344	E-Circuit Motors, Inc.
2023254938	Aristocrat Technologies Australia Pty Limited		
2023254941	Hensley Industries, Inc.		
2023254947	Longyear TM, Inc.		
2023254951	Google LLC		
2023254952	Amgen Inc.		
2023254953	Asahi Kasei Kabushiki Kaisha		
2023254961	Angel Group Co., Ltd.		
2023254965	University of Iowa Research Foundation		
2023254966	CREDIT CLEAR INTERNATIONAL PTY LTD		
2023254970	SomniFix International LLC		
2023254971	SAMSUNG ELECTRONICS CO., LTD.		
2023254972	President and Fellows of Harvard College		
2023254973	Baxter Healthcare SA; Baxter International Inc.		
2023254974	LIFETIME PRODUCTS, INC.		
2023254976	UBLOCKOUT TECHNOLOGIES PTY LTD		
2023254977	Nicoventures Trading Limited		
2023254978	F. Hoffmann-La Roche AG		
2023254979	air up group GmbH		
2023254980	Rigel Pharmaceuticals, Inc.		
2023254981	Huawei Technologies Co., Ltd.		
2023254982	Janssen Biotech, Inc.		
2023254983	Innospec Limited		
2023254987	W. L. Gore & Associates, Inc.		
2023254991	IGT		
2023254992	Epizyme, Inc.		
2023254997	Amicro Semiconductor Co., Ltd.		
2023254998	Geneius Biotechnology, Inc.		
2023255002	Lendlease Construction (Southern) Pty Limited		
2023255004	Identitii Limited		
2023255007	Wonderland Switzerland AG		
2023255009	Cell Cure Neurosciences Ltd.		
2023255012	Arbutus Biopharma Corporation		
2023255014	Oncocross Co.,Ltd.		
2023255018	Copan Italia S.p.A.		
2023255020	Dolby International AB		
2023255024	Bristol-Myers Squibb Company		
2023255025	Arrowhead Pharmaceuticals, Inc		
2023255026	Tencent America LLC		
2023255028	SELC Ireland Ltd		
2023255029	Baymatob Pty Ltd		
2023255030	Tritana Intellectual Property Ltd.		
2023255031	Hernandez, D.		
2023255033	Battelle Memorial Institute		
2023255034	Opex Corporation		
2023255036	Chiasma, Inc.		
2023255037	UCB Biopharma SRL		
2023255040	Ecolab USA Inc.		

IPC Index

A01B 23 /- 2023201951	A01N 63 /- 2023251526	A61B 5 /- 2023202326 2023251455 2023251505 2023251549 2023254865 2023254890 2023254911 2023254932 2023255029	A61K 35 /- 2023226681 2023251526 2023251528 2023251534 2023254998 2023255009	A61M 5 /- 2023251451	2023254929 2023254938 2023254991 2023255051
A01B 29 /- 2023201951	A22B 5 /- 2023251559			A61M 60 /- 2023251545	A63F 3 /- 2023254860
A01D 34 /- 2022202909 2023202440 2023202529	A23C 7 /- 2023255040	A61C 15 /- 2023254928	A61K 36 /- 2023254910 2023255055	A61N 1 /- 2023251470	A63F 9 /- 2023254860 2023258324
A01D 41 /- 2023201624 2023251458 2023255030	A23L 33 /- 2023226681 2023255014	A61C 7 /- 2023255031	A61K 38 /- 2023251563 2023254953 2023255036 2023258320	A61P 1 /- 2023226681	B01D 53 /- 2022442104
A01D 42 /- 2022202909	A41D 11 /- 2023254861	A61C 8 /- 2023202504	A61K 39 /- 2023222851 2023251528 2023251546 2023254931 2023255055 2023258320	A61P 11 /- 2023251480 2023254866	B01D 61 /- 2023254953 2023254973
A01D 57 /- 2022202909	A41D 19 /- 2023254861	A61F 13 /- 2023254920		A61P 17 /- 2023255052	B01D 63 /- 2023254953
A01D 75 /- 2023255030	A45F 5 /- 2023201407	A61F 2 /- 2023202504 2023248183 2023251532 2023254899 2023254987 2023256275		A61P 21 /- 2023254978 2023255014	B01D 69 /- 2023254953
A01F 12 /- 2023251458 2023255030	A47B 46 /- 2023202676	A61F 5 /- 2023254970 2023255031	A61K 47 /- 2022202806 2023201644 2023201645 2023251480 2023251528 2023251546 2023255012 2023255052	A61P 25 /- 2023254910 2023254923 2023254982 2023258319	B01D 71 /- 2023254953
A01M 21 /- 2023251458	A47B 57 /- 2022205195	A61F 9 /- 2023255009 2023255053		A61P 27 /- 2023255009	B01L 3 /- 2023254885 2023255018 2023255041
A01N 25 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A47B 7 /- 2023254974	A61G 7 /- 2023202326	A61K 8 /- 2023254930	A61P 29 /- 2023251480 2023254980 2023255024	B07C 3 /- 2023255034
A01N 25 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A47B 88 /- 2023202676	A61J 1 /- 2023258323	A61K 8 /- 2023254930	A61P 3 /- 2023254910	B23B 47 /- 2023251538
A01N 37 /- 2023255040	A47B 96 /- 2022205195 2023202676	A61J 17 /- 2023254861	A61K 9 /- 2022202806 2023201644 2023201645 2023248183 2023251480 2023251546 2023254918 2023255052 2023258317	A61P 35 /- 2022202806 2023251563 2023254894 2023254920 2023254925	B23P 19 /- 2023202643
A01N 57 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A47C 27 /- 2023254896	A61J 17 /- 2023254861	A61L 27 /- 2023248183	A61P 37 /- 2023251563 2023254925 2023254980 2023254982 2023255024	B25B 27 /- 2023202643
A01N 57 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A47D 11 /- 2023202676	A61K 31 /- 2022202806 2023226646 2023251449 2023251480 2023254866 2023254894 2023254918 2023254920 2023254923 2023254925 2023254953 2023254978 2023254980 2023255012 2023255014 2023255024 2023255025 2023255052 2023258317 2023258319	A61M 16 /- 2023254970	A61P 9 /- 2023254866 2023254923	B25B 28 /- 2023202643
A01N 57 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A47D 5 /- 2023202676	A61K 31 /- 2022202806 2023226646 2023251449 2023251480 2023254866 2023254894 2023254918 2023254920 2023254923 2023254925 2023254953 2023254978 2023254980 2023255012 2023255014 2023255024 2023255025 2023255052 2023258317 2023258319	A61M 16 /- 2023254970	A61P 9 /- 2023254866 2023254923	B29C 65 /- 2023202667
A01N 57 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A47F 5 /- 2022205195	A61K 31 /- 2022202806 2023226646 2023251449 2023251480 2023254866 2023254894 2023254918 2023254920 2023254923 2023254925 2023254953 2023254978 2023254980 2023255012 2023255014 2023255024 2023255025 2023255052 2023258317 2023258319	A61L 27 /- 2023248183	A61P 9 /- 2023254866 2023254923	B60B 21 /- 2023202667
A01N 57 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A47J 36 /- 2023202246	A61K 31 /- 2022202806 2023226646 2023251449 2023251480 2023254866 2023254894 2023254918 2023254920 2023254923 2023254925 2023254953 2023254978 2023254980 2023255012 2023255014 2023255024 2023255025 2023255052 2023258317 2023258319	A61M 16 /- 2023254970	A61P 9 /- 2023254866 2023254923	B60B 5 /- 2023202667
A01N 59 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A47K 3 /- 2023202676	A61K 31 /- 2022202806 2023226646 2023251449 2023251480 2023254866 2023254894 2023254918 2023254920 2023254923 2023254925 2023254953 2023254978 2023254980 2023255012 2023255014 2023255024 2023255025 2023255052 2023258317 2023258319	A61M 16 /- 2023254970	A61P 9 /- 2023254866 2023254923	B60L 50 /- 2023237184
A01N 59 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A47L 13 /- 2023255048	A61K 31 /- 2022202806 2023226646 2023251449 2023251480 2023254866 2023254894 2023254918 2023254920 2023254923 2023254925 2023254953 2023254978 2023254980 2023255012 2023255014 2023255024 2023255025 2023255052 2023258317 2023258319	A61M 16 /- 2023254970	A61Q 11 /- 2023254930	B60N 2 /- 2023202404
A01N 59 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A47M 18 /- 2023254862	A61K 31 /- 2022202806 2023226646 2023251449 2023251480 2023254866 2023254894 2023254918 2023254920 2023254923 2023254925 2023254953 2023254978 2023254980 2023255012 2023255014 2023255024 2023255025 2023255052 2023258317 2023258319	A61M 25 /- 2023251505	A63B 24 /- 2022275405	B60R 11 /- 2023202619
A01N 59 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A61B 18 /- 2023254862	A61K 31 /- 2022202806 2023226646 2023251449 2023251480 2023254866 2023254894 2023254918 2023254920 2023254923 2023254925 2023254953 2023254978 2023254980 2023255012 2023255014 2023255024 2023255025 2023255052 2023258317 2023258319	A61M 27 /- 2023251545	A63F 1 /- 2023254860 2023254961 2023258324	B60T 17 /- 2022408193
A01N 59 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743 2023226744 2023226745 2023226746	A61B 3 /- 2023257231	A61K 31 /- 2022202806 2023226646 2023251449 2023251480 2023254866 2023254894 2023254918 2023254920 2023254923 2023254925 2023254953 2023254978 2023254980 2023255012 2023255014 2023255024 2023255025 2023255052 2023258317 2023258319	A61M 35 /- 2023255009	A63F 13 /- 2023202093	B61K 9 /- 2023251555

Applications Open to Public Inspection - IPC Index cont'd

B61L 1 /- 2023251555	2023226744 2023226745 2023226746	2023255037 2023258320	C12Q 1 /- 2023222932 2023251525 2023251528 2023254965	F03B 7 /- 2023202517	G01N 21 /- 2023201624
B61L 3 /- 2023251555	C07C 229 /- 2023201645	C07K 7 /- 2023255036		F04D 27 /- 2023202615	G01N 33 /- 2023201624 2023248100 2023254885 2023254912 2023254913
B62B 7 /- 2023255007	C07C 233 /- 2023201645	C08J 5 /- 2022228220	C40B 40 /- 2023251528	F04D 31 /- 2023254907	
B62J 3 /- 2023251554	C07C 327 /- 2023201645	C08K 3 /- 2022228220	E01C 1 /- 2023254926	F16K 29 /- 2023202615	G01S 13 /- 2023254934
B63B 21 /- 2023254934	C07C 407 /- 2023255040	C08L 23 /- 2022228220	E01C 7 /- 2023254926	F16K 31 /- 2023202615 2023202616	G01S 17 /- 2023202619 2023254919
B63B 35 /- 2023254934	C07C 409 /- 2023255040	C08L 67 /- 2022228220	E02F 9 /- 2023254941	F16K 37 /- 2023202615	G01S 7 /- 2023202619 2023254934
B64C 39 /- 2023254884	C07D 211 /- 2023201645	C08L 91 /- 2023254926	E04F 15 /- 2023251538	F16L 55 /- 2023254907	
B65B 25 /- 2023202540	C07D 221 /- 2023258317	C08L 95 /- 2023254926	E04G 21 /- 2023251538 2023255002	F16M 11 /- 2023202434	G01V 3 /- 2023254880
B65D 47 /- 2023254979	C07D 241 /- 2023254923	C08L 97 /- 2022228220	E04H 1 /- 2023202675	F17D 1 /- 2023254907	G01V 9 /- 2023254934
B65D 5 /- 2023202540	C07D 257 /- 2023251449	C09D 11 /- 2023254868	E06B 1 /- 2023255045	F22B 37 /- 2023251459	G02B 27 /- 2023201469
B65D 51 /- 2023254979	C07D 295 /- 2023201645	C10L 1 /- 2023254983	E06B 9 /- 2023254976	F23J 3 /- 2023251459	G02C 7 /- 2023257231
B65D 57 /- 2023202540	C07D 401 /- 2023254937 2023255024	C10L 10 /- 2023254983	E21B 23 /- 2023254947	F25D 25 /- 2022205195	G05B 13 /- 2023255058
B65D 81 /- 2023258323	C07D 403 /- 2023251449	C11D 11 /- 2023203973	E21B 25 /- 2023254947	F25J 1 /- 2023255058	G05B 17 /- 2023255058
B65D 85 /- 2023202540	C07D 413 /- 2023254980	C11D 17 /- 2023203973	E21B 31 /- 2023254947	F41A 3 /- 2023200144	G05B 23 /- 2023255058
B65D 88 /- 2023202675	C07D 453 /- 2023254886	C11D 3 /- 2023203973	E21B 43 /- 2023254907	G01B 11 /- 2023254919	G05D 1 /- 2023202440 2023202529 2023254997
B65G 1 /- 2023255034	C07D 487 /- 2023254866 2023254925 2023255024	C12N 1 /- 2023226681	F02B 43 /- 2023254871	G01B 9 /- 2023201469	G05D 7 /- 2023202615 2023202617
B66C 13 /- 2022408193 2022408197	C07D 519 /- 2023254978	C12N 15 /- 2022203057 2023226646 2023251525 2023255025 2023255054	F02D 19 /- 2023254871	G01C 21 /- 2023202440	G06F 1 /- 2023251543
C02F 1 /- 2023202578 2023254973 2023255040	C07H 21 /- 2023226646	C12N 5 /- 2023251528 2023254998	F02D 35 /- 2023254871	G01C 3 /- 2023254919	G06F 15 /- 2023254891
C02F 103 /- 2023202578	C07K 1 /- 2023251546	C12N 7 /- 2023251526	F02D 41 /- 2023254871	G01F 1 /- 2023202614 2023202615 2023202616 2023202617	G06F 16 /- 2023255056 2023258316
C04B 18 /- 2023254926	C07K 14 /- 2022203057 2023251526 2023251563 2023254920 2023254952 2023254998 2023258320	C12N 9 /- 2023254972 2023254992	F02M 21 /- 2023254871	G01F 15 /- 2023202616	G06F 17 /- 2023254919
C04B 26 /- 2023254926	C07K 16 /- 2023222851 2023254931 2023254982	C12P 19 /- 2023222932	F02M 26 /- 2023254871	G01M 11 /- 2023257231	G06F 18 /- 2022202901 2023201469
C05B 15 /- 2023226721 2023226725 2023226733 2023226736 2023226740 2023226742 2023226743		C12P 7 /- 2023226681 2023254879	F03B 13 /- 2023202517	G01N 1 /- 2023255018	G06F 21 /- 2023202092 2023253048 2023254891
			F03B 17 /- 2023202517	G01N 15 /- 2023201624	

Applications Open to Public Inspection - IPC Index cont'd

<u>G06F 3 /-</u> 2023251543 2023258316	2023202092 2023202093 2023254991	<u>H02J 13 /-</u> 2023255028	<u>H04N 21 /-</u> 2023251515
<u>G06F 30 /-</u> 2023201151	<u>G09F 23 /-</u> 2023255051	<u>H02J 3 /-</u> 2023202394 2023255028	<u>H04W 12 /-</u> 2023254864
<u>G06F 40 /-</u> 2022202901 2022204712	<u>G10K 1 /-</u> 2023251554	<u>H02J 7 /-</u> 2023251544 2023251550	<u>H04W 16 /-</u> 2023202524
<u>G06K 19 /-</u> 2023254890	<u>G10K 15 /-</u> 2023201151	<u>H02K 21 /-</u> 2023258344	<u>H04W 4 /-</u> 2022408194 2023253048 2023254864 2023254880
<u>G06K 7 /-</u> 2023254860	<u>G10L 19 /-</u> 2023254936 2023255020	<u>H02K 3 /-</u> 2023258344	<u>H04W 52 /-</u> 2023251548
<u>G06N 10 /-</u> 2023248100	<u>G16B 20 /-</u> 2023251541	<u>H02S 10 /-</u> 2023202394 2023202675	<u>H04W 72 /-</u> 2023202524 2023254971
<u>G06N 20 /-</u> 2022202901 2022204489 2022204712	<u>G16B 40 /-</u> 2023251541	<u>H02S 20 /-</u> 2023202675	<u>H05B 6 /-</u> 2023254977
<u>G06N 3 /-</u> 2022202901 2022215204 2023251541	<u>G16C 10 /-</u> 2023248100	<u>H02S 30 /-</u> 2023202675	<u>H05K 7 /-</u> 2022203991
<u>G06N 5 /-</u> 2023248100	<u>G16H 10 /-</u> 2022275405	<u>H02S 40 /-</u> 2023202394 2023202675	<u>No IPC Mark</u>
<u>G06Q 10 /-</u> 2023251445 2023251537 2023254892	<u>G16H 20 /-</u> 2022275405	<u>H02S 50 /-</u> 2023202394	
<u>G06Q 20 /-</u> 2022215204 2023254966 2023255004	<u>G16H 30 /-</u> 2023254922	<u>H03F 3 /-</u> 2023254951	
<u>G06Q 30 /-</u> 2023254889 2023255051 2023258324	<u>G16H 50 /-</u> 2022275405 2023254922	<u>H03K 17 /-</u> 2023254951	
<u>G06Q 40 /-</u> 2023254889 2023254966	<u>H01F 41 /-</u> 2023254977	<u>H04H 40 /-</u> 2023251515	
<u>G06Q 50 /-</u> 2023202463 2023251445 2023258324	<u>H01L 21 /-</u> 2023255047	<u>H04J 1 /-</u> 2023202522	
<u>G06T 1 /-</u> 2023251540 2023251542 2023251547	<u>H01L 29 /-</u> 2023255047	<u>H04K 3 /-</u> 2023255033	
<u>G06T 11 /-</u> 2023201151	<u>H01L 31 /-</u> 2022331905 2023254895 2023255047	<u>H04L 1 /-</u> 2023202522	
<u>G06T 7 /-</u> 2022202901 2023255034	<u>H01M 10 /-</u> 2023237184 2023254904	<u>H04L 5 /-</u> 2023202522 2023202524 2023254971	
<u>G06V 20 /-</u> 2023201624	<u>H01M 50 /-</u> 2023237184	<u>H04L 61 /-</u> 2022202901	
<u>G07F 17 /-</u> 2023201878	<u>H01M 8 /-</u> 2023229572 2023254872	<u>H04L 9 /-</u> 2022202901 2023254864	
	<u>H01Q 1 /-</u> 2023202434	<u>H04N 19 /-</u> 2023254881 2023254882 2023254883 2023254887 2023254981 2023255020 2023255026 2023258327	
	<u>H01Q 21 /-</u> 2023255033		
	<u>H01T 23 /-</u> 2022203991		

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<hr/> <p>(71) Adama Agan Ltd. (11) AU-A-2023100091 (21) 2023100091 (22) 24.10.2023 (54) Solid state form of Pyroxasulfone (51) Int. Cl. <i>C07D 413/12</i> (2006.01) <i>A01N 43/80</i> (2006.01) (45) 16.11.2023 (62) 2021207765 (72) ARONHIME, Judith; SELLA-EREZ, Ro-tem (74) FB Rice Pty Ltd</p> <hr/> <p>(71) Rubberbras Ltda (11) AU-A-2019101851 (21) 2019101851 (22) 12.04.2019 (54) Set of lining sheets made from dis- carded radial tires and method for man- ufacturing lining sheets made from dis- carded radial tires (51) Int. Cl. <i>B29B 11/04</i> (2006.01) <i>B29B 11/02</i> (2006.01) <i>B29B 17/00</i> (2006.01) <i>B32B 3/06</i> (2006.01) <i>B32B 5/02</i> (2006.01) <i>B32B 7/08</i> (2019.01) <i>B32B 25/04</i> (2006.01) <i>B32B 25/10</i> (2006.01) <i>B29B 17/02</i> (2006.01) <i>B09B 101/80</i> (2022.01) <i>B29L 30/00</i> (2006.01) (45) 16.11.2023 (72) RIBEIRO, Lucas (74) Griffith Hack</p> <hr/> <p>(71) SES-IMAGOTAG GMBH (11) AU-A-2023100089 (21) 2023100089 (22) 20.10.2023 (54) BUS SYSTEM AND SUPPORT DEVICE COMPRISING SUCH A BUS SYSTEM (51) Int. Cl. <i>H04L 12/40</i> (2006.01) <i>H04L 12/10</i> (2006.01) (45) 16.11.2023 (62) 2021432821 (72) RÖSSL, Andreas (74) Collison & Co</p> <hr/> <p>(71) SES-IMAGOTAG GMBH (11) AU-A-2023100090 (21) 2023100090 (22) 20.10.2023 (54) SUPPORT DEVICE, IN PARTICULAR SHELF RAIL, FOR SUPPORTING AN ELECTRONIC DEVICE, PREFERABLY AN ELECTRONIC DISPLAY UNIT (51) Int. Cl.</p>	<p><i>G09F 3/20</i> (2006.01) (45) 16.11.2023 (62) 2021432549 (72) RÖSSL, Andreas (74) Collison & Co</p> <hr/> <p>(71) Shenzhen Institutes of Advanced Tech- nology (11) AU-A-2020104496 (21) 2020104496 (22) 26.03.2020 (54) Method and apparatus for determining service area of parking lot, device, and storage medium (51) Int. Cl. <i>G06Q 10/04</i> (2023.01) <i>G06F 18/23</i> (2023.01) <i>G06Q 10/0631</i> (2023.01) <i>G06Q 50/30</i> (2012.01) (45) 16.11.2023 (72) PENG, Lei; ZHANG, Kangshuai; LI, Huiyun (74) Madderns Pty Ltd</p>
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IPC Index

A01N 43 /-

2023100091

B09B 101 /-

2019101851

B29B 11 /-

2019101851

B29B 17 /-

2019101851

B29L 30 /-

2019101851

B32B 25 /-

2019101851

B32B 3 /-

2019101851

B32B 5 /-

2019101851

B32B 7 /-

2019101851

C07D 413 /-

2023100091

G06F 18 /-

2020104496

G06Q 10 /-

2020104496

G06Q 50 /-

2020104496

G09F 3 /-

2023100090

H04L 12 /-

2023100089

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Name Index

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<p>(71) ABBOTT DIABETES CARE INC. (11) AU-A-2022283936 (21) 2022283936 (22) 03.06.2022 (54) SYSTEMS, DEVICES, AND METHODS FOR PHYSIOLOGICAL PARAMETER ANALYSIS AND RELATED GRAPHICAL USER INTERFACES (51) Int. Cl. G16H 15/00 (2018.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01) C12Q 1/00 (2006.01) G16H 40/63 (2018.01) G16H 50/30 (2018.01) (87) WO2022/256712 (31) 63/279,015 (32) 12.11.21 (33) US 63/279,509 15.11.21 US 63/196,677 03.06.21 US 63/328,078 06.04.22 US (43) 08.12.2022 (72) KHANAL, Deepak; DUNN, Timothy, C.; BIROLINI, Luca; SCHULLIAN, John, M.; HAYTER, Gary, Alan (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) ABUNDIA BIOMASS-TO-LIQUIDS LIMITED (11) AU-A-2022263656 (21) 2022263656 (22) 28.04.2022 (54) HYDROGEN PRODUCTION FROM PYROLYSIS OF BIOMASS AT A TEMPERATURE OF AT LEAST 950°C (51) Int. Cl. C10B 57/02 (2006.01) C10B 57/10 (2006.01) C10B 57/16 (2006.01) C10K 3/04 (2006.01) (87) WO2022/229648 (31) 2106088.4 (32) 28.04.21 (33) GB (43) 03.11.2022 (72) ATKINS, Martin (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p>	<p>(71) ACERGY FRANCE SAS (11) AU-A-2022267874 (21) 2022267874 (22) 22.04.2022 (54) REMEDIATION OF ELECTRICALLY HEATED CONDUITS (51) Int. Cl. F16L 53/38 (2018.01) H05B 1/02 (2006.01) H05B 3/40 (2006.01) (87) WO2022/229700 (31) 2106176.7 (32) 29.04.21 (33) GB (43) 03.11.2022 (72) GORGOGNONE, Davide; MANACH, Julien (74) Allens Patent & Trade Mark Attorneys</p>
<p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2022266180 (21) 2022266180 (22) 27.04.2022 (54) SOLUBLE LIQUID COMPOSITIONS COMPRISING FLONICAMID AND USES THEREOF (51) Int. Cl. A01N 43/40 (2006.01) A01N 25/00 (2006.01) A01N 25/30 (2006.01) A01P 7/00 (2006.01) (87) WO2022/229956 (31) 63/181,576 (32) 29.04.21 (33) US (43) 03.11.2022 (72) DAYAGI, Yohai; BEN-NAIM, Noam (74) Davies Collison Cave Pty Ltd</p>	<p>(71) ABZERO SRL (11) AU-A-2022253942 (21) 2022253942 (22) 07.04.2022 (54) DEVICE AND METHOD FOR AUTONOMOUS MANAGEMENT OF A DRONE (51) Int. Cl.</p>	<p>(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2022266180 (21) 2022266180 (22) 27.04.2022 (54) SOLUBLE LIQUID COMPOSITIONS COMPRISING FLONICAMID AND USES THEREOF (51) Int. Cl. A01N 43/40 (2006.01) A01N 25/00 (2006.01) A01N 25/30 (2006.01) A01P 7/00 (2006.01) (87) WO2022/229956 (31) 63/181,576 (32) 29.04.21 (33) US (43) 03.11.2022 (72) DAYAGI, Yohai; BEN-NAIM, Noam (74) Davies Collison Cave Pty Ltd</p>

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 C07D 237/32 (2006.01)
 A61K 31/502 (2006.01)
 A61P 25/00 (2006.01)
 C07D 401/04 (2006.01)
 C07D 401/14 (2006.01)
 C07D 403/04 (2006.01)
 C07D 403/10 (2006.01)
 C07D 403/14 (2006.01)
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 (87) WO2022/238579
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 (72) PAPANIN, Jean-Laurent; ROCHER, Jean-Philippe; MÄDER, Patrick; STACH, Tanja; DUVEY, Guillaume; TANG, Lam
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 C07D 487/04 (2006.01)
 A61K 31/5025 (2006.01)
 A61P 25/00 (2006.01)
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 C22B 3/04 (2006.01)
 C22B 3/26 (2006.01)
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 G01N 27/62 (2021.01)
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 C09D 5/18 (2006.01)
 C09D 7/61 (2018.01)
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 C08K 3/32 (2006.01)
 C08K 5/053 (2006.01)
 C08K 5/3492 (2006.01)
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 (54) ENGINEERING OF ANTIGEN-BINDING PROTEINS
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 G16B 35/10 (2019.01)
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 A61B 34/30 (2016.01)
 A61B 90/00 (2016.01)
 B25J 9/16 (2006.01)
 G06T 7/80 (2017.01)
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 B60R 19/00 (2006.01)
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 (72) SPOELSTRA, Brandon
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 A61F 2/14 (2006.01)
 G16H 20/40 (2018.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK
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PCT applications which have entered the National Phase - Name Index cont'd

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 (72) KARIM, John Hossein; GUERRERO, Christopher Andrew; APOSTOL, Adela; CASTRO, Daniel; KHAZAEINEZHAD, Reza; MALEK TABRIZI, Alireza; STEWART, Corey; WITOWSKI, Zenon
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A61B 17/34 (2006.01)
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 (72) SINHA, Ashish; HENG, Robert Jeffrey
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (72) CHON, James Y.; CICHELLA, Joel; FINLAY, Russell; LIAO, Grace Chuang; SINHA, Ashish
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A61F 9/007 (2006.01)
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H05B 45/20 (2020.01)
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- (71) ALLNEX NETHERLANDS B.V.
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 (21) 2022307230 (22) 05.07.2022
 (54) POWDER COATING PRECURSOR CATALYST
 (51) Int. Cl.
C08G 18/75 (2006.01)
C08G 18/24 (2006.01)
C08G 18/28 (2006.01)
C08G 18/32 (2006.01)
C08G 18/34 (2006.01)
C08G 18/67 (2006.01)
C08G 18/73 (2006.01)
 (87) WO2023/280823
 (31) 21183708.3 (32) 05.07.21 (33) EP
 (43) 12.01.2023
 (72) BRINKHUIS, Richard Hendrikus Gerrit; YANG, Pengcheng
 (74) Griffith Hack
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- (71) ALLNEX NETHERLANDS B.V.
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 (21) 2022308331 (22) 05.07.2022
 (54) POWDER COATING AND CRYSTALLINE DONOR AND/OR ACCEPTOR
 (51) Int. Cl.
C08G 18/75 (2006.01)
C08G 18/24 (2006.01)
C08G 18/28 (2006.01)
C08G 18/32 (2006.01)
C08G 18/34 (2006.01)
C08G 18/67 (2006.01)
C08G 18/73 (2006.01)
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 (31) 21183713.3 (32) 05.07.21 (33) EP
 (43) 12.01.2023
 (72) BRINKHUIS, Richard Hendrikus Gerrit; YANG, Pengcheng
 (74) Griffith Hack
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- (71) ALPINE IMMUNE SCIENCES, INC.
 (11) AU-A-2022269139
 (21) 2022269139 (22) 06.05.2022
- (54) METHODS OF DOSING AND TREATMENT WITH A TACI-FC FUSION IMMUNOMODULATORY PROTEIN
 (51) Int. Cl.
A61K 38/17 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
C07K 14/705 (2006.01)
 (87) WO2022/236335
 (31) 63/186,027 (32) 07.05.21 (33) US
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 (72) DILLON, Stacey; YANG, Jing; PENG, Stanford L.
 (74) Davies Collison Cave Pty Ltd
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- (71) ALTO NEUROSCIENCE, INC.
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 (21) 2022284893 (22) 03.06.2022
 (54) METHOD OF TREATMENT OF DEPRESSED PATIENTS WITH POOR COGNITION AND SELECTION OF OTHER PATIENTS BENEFITING FROM A BENZYLPIPERAZINE-AMINOPYRIDINE AGENT
 (51) Int. Cl.
A61K 31/496 (2006.01)
A61K 45/06 (2006.01)
A61P 25/24 (2006.01)
 (87) WO2022/256636
 (31) 63/202,254 (32) 03.06.21 (33) US
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 (43) 08.12.2022
 (72) ETKIN, Amit; SEGAL, Dan; WU, Wei; SHEN, Li; SHAH, Vinit; SAVITZ, Adam
 (74) Davies Collison Cave Pty Ltd
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- (71) AMARIN PHARMACEUTICALS IRELAND LIMITED
 (11) AU-A-2022264041
 (21) 2022264041 (22) 29.04.2022
 (54) COMPOSITIONS COMPRISING EPA AND METHODS OF USING THE SAME FOR TREATING AND/OR PREVENTING ENDOTHELIAL DYSFUNCTION IN A SUBJECT
 (51) Int. Cl.
A61K 31/202 (2006.01)
A61K 31/232 (2006.01)
A61K 31/7125 (2006.01)
 (87) WO2022/232633
 (31) 63/181,496 (32) 29.04.21 (33) US
 (43) 03.11.2022
 (72) DUNBAR, Richard Louis; MASON, Richard Preston
 (74) Spruson & Ferguson
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 (11) AU-A-2022264784
 (21) 2022264784 (22) 28.04.2022
 (54) HETEROCYCLIC COMPOUNDS AND METHODS OF USE
 (51) Int. Cl.
A61K 31/47 (2006.01)

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C07D 215/22 (2006.01)
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 63/277,309 09.11.21 US
(43) 03.11.2022
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 ZHAO, Wei; LI, Xiaofen; YAMANO, Mi-
 chael, M.; LI, Yunxiao; CHEN, Ning;
 HUSEMOEN, Birgitte, Weinreich;
 LETH-PETERSEN, Sebastian; MED-
 INA, Jose, M.; LI, Kexue; PETTUS, Lip-
 ing; RAHIMOFF, Rene; NAVARATNE,
 Primali Vasundera; RUI, Huan; MOHR,
 Christopher, P.
(74) Spruson & Ferguson
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- (71)** AMYRIAD PHARMA, INC.
(11) AU-A-2022275939
(21) 2022275939 **(22)** 19.05.2022
(54) METHOD OF TREATING
 ALZHEIMER'S DISEASE
(51) Int. Cl.
A61K 31/438 (2006.01)
A61P 25/28 (2006.01)
C07D 471/00 (2006.01)
(87) WO2022/246059
(31) 63/190,299 **(32)** 19.05.21 **(33)** US
 63/192,398 24.05.21 US
 63/331,011 14.04.22 US
(43) 24.11.2022
(72) ROGERS, Sharon L.
(74) Davies Collison Cave Pty Ltd
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- (71)** ANJARIUM BIOSCIENCES AG
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(21) 2022259546 **(22)** 13.04.2022
(54) FC-DERIVED POLYPEPTIDES
(51) Int. Cl.
C07K 16/00 (2006.01)
C07K 14/715 (2006.01)
C07K 19/00 (2006.01)
(87) WO2022/219058
(31) 63/174,855 **(32)** 14.04.21 **(33)** US
(43) 20.10.2022
(72) DE BEER, Joel; MAURER, Monique;
 MEIER, Nicolas; KUNALINGAM,
 Lavaniya; CLERICI, Marcello
(74) FB Rice Pty Ltd
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 STITUTE
(11) AU-A-2022272307
(21) 2022272307 **(22)** 11.05.2022
(54) METHODS OF SCREENING AND EX-
 PRESSION OF DISULFIDE-BONDED
 BINDING POLYPEPTIDES
(51) Int. Cl.
C07K 16/10 (2006.01)
C07K 16/00 (2006.01)
G16B 15/00 (2019.01)
(87) WO2022/241058
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- (43)** 17.11.2022
(72) MCGREGOR, Duncan; HUANG,
 Ruiqi; WARNER JENKINS, Gabrielle;
 SMIDER, Vaughn
(74) FPA Patent Attorneys Pty Ltd
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(21) 2022268975 **(22)** 05.05.2022
(54) IONIZABLE CATIONIC LIPIDS FOR
 RNA DELIVERY
(51) Int. Cl.
C07C 55/02 (2006.01)
C07C 225/06 (2006.01)
(87) WO2022/235935
(31) 63/185,303 **(32)** 06.05.21 **(33)** US
(43) 10.11.2022
(72) RAJAPPAN, Kumar; TANIS, Steven;
 SAGI, Amit; KARMALI, Priya, Prakash
(74) Spruson & Ferguson
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- (71)** ARCTURUS THERAPEUTICS, INC.
(11) AU-A-2022270683
(21) 2022270683 **(22)** 05.05.2022
(54) LIPID COMPOSITIONS COMPRISING
 PEPTIDE-LIPID CONJUGATES
(51) Int. Cl.
C12N 15/63 (2006.01)
A61K 38/02 (2006.01)
A61K 38/04 (2006.01)
A61K 38/16 (2006.01)
C12N 15/64 (2006.01)
(87) WO2022/235972
(31) 63/184,584 **(32)** 05.05.21 **(33)** US
(43) 10.11.2022
(72) RAJAPPAN, Kumar; TANIS, Steven;
 MUKTHAVARAM, Rajesh; SAGI,
 Amit; KARMALI, Priya, Prakash;
 CHIVUKULA, Padmanabh
(74) RNB IP PTY LTD
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- (71)** ARCTURUS THERAPEUTICS, INC.
(11) AU-A-2022271263
(21) 2022271263 **(22)** 05.05.2022
(54) PEPTIDE-LIPID CONJUGATES
(51) Int. Cl.
A61K 47/54 (2017.01)
A61K 39/00 (2006.01)
A61K 47/62 (2017.01)
A61K 47/69 (2017.01)
C07K 5/10 (2006.01)
(87) WO2022/235923
(31) 63/184,568 **(32)** 05.05.21 **(33)** US
(43) 10.11.2022
(72) RAJAPPAN, Kumar; TANIS, Steven;
 MUKTHAVARAM, Rajesh; SAGI,
 Amit; KARMALI, Priya, Prakash;
 CHIVUKULA, Padmanabh
(74) RNB IP PTY LTD
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- (71)** ARLA FOODS AMBA
(11) AU-A-2022276114
(21) 2022276114 **(22)** 19.05.2022
(54) HIGH PROTEIN, MICELLAR CA-
 SEIN-CONTAINING NUTRITION-
 AL LIQUIDS ENRICHED WITH CAT-
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 OF PRODUCTION
(51) Int. Cl.
A23L 33/105 (2016.01)
A23L 33/00 (2016.01)
A23L 33/19 (2016.01)
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(31) 21174628.4 **(32)** 19.05.21 **(33)** EP
(43) 24.11.2022
(72) ALEXANDER, Marcela; PINHOLT,
 Birgitte
(74) Spruson & Ferguson
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- (71)** ARQIT LIMITED
(11) AU-A-2022278673
(21) 2022278673 **(22)** 11.05.2022
(54) RANDOM NUMBER GENERATION IN
 QUANTUM KEY DISTRIBUTION
(51) Int. Cl.
H04L 9/08 (2006.01)
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(31) 2107113.9 **(32)** 18.05.21 **(33)** GB
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(72) YEOMANS, Andrew; IQBAL, Omar;
 DAVID, Bestwick
(74) Dentons Patent Attorneys Australasia
 Limited
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- (71)** ARTIVA BIOTHERAPEUTICS, INC.;
 GC CELL CORPORATION
(11) AU-A-2022253256
(21) 2022253256 **(22)** 06.04.2022
(54) TREATMENT OF CANCER WITH NK
 CELLS AND A CD38-TARGETED AN-
 TIBODY
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/216826
(31) 63/172,424 **(32)** 08.04.21 **(33)** US
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(72) FLYNN, Peter; LITTEN, Jason B.;
 FARRELL, Thomas James; LIM, John
 Kin Chuan; MANDAL, Mili; SOMAN-
 CHI, Srinivas Sai; KIM, Yusun; CHO,
 Sungyoo; HWANG, Yu Kyeong
(74) FB Rice Pty Ltd
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- (71)** ARTIVA BIOTHERAPEUTICS, INC.;
 GC CELL CORPORATION
(11) AU-A-2022253889
(21) 2022253889 **(22)** 06.04.2022
(54) TREATMENT OF CANCER WITH NK
 CELLS AND AN EGFR TARGETED
 ANTIBODY
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/216837
(31) 63/172,423 **(32)** 08.04.21 **(33)** US
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(43) 13.10.2022
(72) KIM, Yusun; CHO, Sungyoo; HWANG,
 Yu Kyeong; MIN, Bokyoung; YANG, Bit-

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(74) FB Rice Pty Ltd

(71) ARTIVA BIOTHERAPEUTICS, INC.; GC CELL CORPORATION
(11) AU-A-2022254689
(21) 2022254689 **(22)** 06.04.2022
(54) TREATMENT OF CANCER WITH NK CELLS AND A HER2 TARGETED ANTIBODY
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/216831
(31) 63/172,414 **(32)** 08.04.21 **(33)** US
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(74) FB Rice Pty Ltd

(71) ARTIVA BIOTHERAPEUTICS, INC.; GC CELL CORPORATION
(11) AU-A-2022254978
(21) 2022254978 **(22)** 06.04.2022
(54) TREATMENT OF CANCER WITH NK CELLS AND A CD20 TARGETED ANTIBODY
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/216815
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(74) FB Rice Pty Ltd

(71) ASAHI GROUP HOLDINGS, LTD.
(11) AU-A-2022248440
(21) 2022248440 **(22)** 22.03.2022
(54) NON-ALCOHOLIC BEER-TASTE BEVERAGE
(51) Int. Cl.
C12C 12/04 (2006.01)
A23L 2/00 (2006.01)
A23L 2/38 (2021.01)
C12C 11/11 (2019.01)
C12H 3/00 (2019.01)
(87) WO2022/210108
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(74) Spruson & Ferguson

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(11) AU-A-2022301380
(21) 2022301380 **(22)** 16.06.2022
(54) GAS COMPRESSION SYSTEM
(51) Int. Cl.
F04C 29/02 (2006.01)
F04C 18/16 (2006.01)
F04C 29/00 (2006.01)
F04C 29/04 (2006.01)
(87) WO2023/273907
(31) 202110744471.3 **(32)** 01.07.21 **(33)** CN
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(72) WANG, Chunlin
(74) Davies Collison Cave Pty Ltd

(71) AURORA HYDROGEN INC.
(11) AU-A-2022269686
(21) 2022269686 **(22)** 06.05.2022
(54) METHODS FOR PREPARING HYDROGEN AND SOLID CARBON FROM A GASEOUS HYDROCARBON SOURCE USING MICROWAVES AND/OR RADIO WAVES
(51) Int. Cl.
C01B 32/00 (2017.01)
B01J 19/12 (2006.01)
C01B 3/02 (2006.01)
C01B 3/24 (2006.01)
(87) WO2022/232942
(31) 21505763 **(32)** 06.05.21 **(33)** SE
(43) 10.11.2022
(72) THOMSON, Murray; BOBICKI, Erin
(74) Baxter Patent Attorneys Pty Ltd

(71) AUSTRALIAN VANADIUM LIMITED
(11) AU-A-2022255251
(21) 2022255251 **(22)** 08.04.2022
(54) VANADIUM RECOVERY
(51) Int. Cl.
C22B 34/22 (2006.01)
B03C 1/00 (2006.01)
B03D 1/00 (2006.01)
C22B 1/02 (2006.01)
C22B 3/04 (2006.01)
C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
(87) WO2022/213158
(31) 2021901042 **(32)** 09.04.21 **(33)** AU
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(72) RICHARDSON, Todd; MCNAB, Brian Alexander; LAM, Sai, Wei
(74) WRAYS PTY LTD

(71) AUTOMATON, INC.
(11) AU-A-2022261152
(21) 2022261152 **(22)** 25.04.2022
(54) RFID TAG READERS SWITCHABLE BETWEEN INTERROGATOR AND LISTENER MODES
(51) Int. Cl.
G06K 7/10 (2006.01)
G01S 5/00 (2006.01)
G01S 5/02 (2010.01)
G01S 5/04 (2006.01)

G06K 7/01 (2006.01)
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(43) 27.10.2022
(72) BROWN, III Tom, A.; MUELLER, Joe; BLAIR, Adam; HEWETT, Spencer; PANAGIOTOU, Prokopios
(74) Spruson & Ferguson

(71) AVILAR THERAPEUTICS, INC.
(11) AU-A-2022268925
(21) 2022268925 **(22)** 03.05.2022
(54) POTENT ASGPR-BINDING COMPOUNDS FOR THE DEGRADATION OF IMMUNOGLOBULINS AND OTHER PROTEINS
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 31/4965 (2006.01)
A61K 31/497 (2006.01)
C07K 14/56 (2006.01)
C07K 14/705 (2006.01)
(87) WO2022/235699
(31) 63/293,447 **(32)** 23.12.21 **(33)** US
 63/183,450 03.05.21 US
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(72) WILES, Jason, Allan; KARRA, Srinivasa; SAULNIER, Mark, George; CHEN, Jesse, Jingyang; SPROTT, Kevin, Tyler; RAY, Soumya
(74) Davies Collison Cave Pty Ltd

(71) BARD PERIPHERAL VASCULAR, INC.
(11) AU-A-2021445874
(21) 2021445874 **(22)** 19.05.2021
(54) CATHLOCK COUPLING TOOL
(51) Int. Cl.
A61M 39/02 (2006.01)
A61M 25/00 (2006.01)
A61M 25/01 (2006.01)
A61M 39/12 (2006.01)
(87) WO2022/245350
(43) 24.11.2022
(72) ANDERSEN, Christian; FIUME-FREDDO, Diana; THOMAS, Ian, N.; HOYE, Jessica; DENSLEY, Bryon, Ray
(74) FB Rice Pty Ltd

(71) BARD PERIPHERAL VASCULAR, INC.
(11) AU-A-2021446333
(21) 2021446333 **(22)** 20.05.2021
(54) LOW-PROFILE TRANSITIONABLE ACCESS PORT
(51) Int. Cl.
A61M 39/02 (2006.01)
A61M 39/04 (2006.01)
(87) WO2022/245358
(43) 24.11.2022
(72) HOYE, Jessica; DENSLEY, Bryon, Ray; ANDERSEN, Christian; FIUME-FREDDO, Diana; THOMAS, Ian, N.
(74) FB Rice Pty Ltd

(71) BARD PERIPHERAL VASCULAR, INC.
(11) AU-A-2021446709

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 (54) SILICONE LOW PROFILE PORT WITH RIGID BASEPLATE AND STEM
 (51) Int. Cl.
A61M 39/02 (2006.01)
 (87) WO2022/245356
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 (72) ANDERSEN, Christian; DENSLEY, Bryon, Ray; HOYE, Jessica; THOMAS, Ian, N.; FIUMEFREDDO, Diana
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 (11) AU-A-2021446919
 (21) 2021446919 (22) 20.05.2021
 (54) SHAPE MEMORY ALLOY LOW PROFILE PORT
 (51) Int. Cl.
A61M 39/02 (2006.01)
 (87) WO2022/245357
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 (72) ANDERSEN, Christian; DENSLEY, Bryon Ray; HOYE, Jessica; THOMAS, Ian N.; FIUMEFREDDO, Diana
 (74) FB Rice Pty Ltd
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- (71) BASF AGRICULTURAL SOLUTIONS SEED US LLC; UNIVERSITY OF SOUTHERN CALIFORNIA
 (11) AU-A-2022270210
 (21) 2022270210 (22) 05.05.2022
 (54) SYSTEMS AND METHODS FOR IDENTIFYING NOVEL PORE-FORMING TOXINS
 (51) Int. Cl.
C07K 14/195 (2006.01)
C07K 14/245 (2006.01)
C07K 14/31 (2006.01)
C07K 14/315 (2006.01)
C07K 14/35 (2006.01)
 (87) WO2022/236299
 (31) 63/184,731 (32) 05.05.21 (33) US
 63/313,134 23.02.22 US
 (43) 10.11.2022
 (72) JACOB, Theju; KAHN, Theodore; LIU, Yan; XU, Nan
 (74) Griffith Hack
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- (71) BAUSCH + LOMB IRELAND LIMITED
 (11) AU-A-2022301338
 (21) 2022301338 (22) 17.06.2022
 (54) HIGH WATER CONTENT BIOMEDICAL DEVICES
 (51) Int. Cl.
C08L 5/08 (2006.01)
C08B 37/00 (2006.01)
C08B 37/08 (2006.01)
C08J 3/075 (2006.01)
G02B 1/04 (2006.01)
 (87) WO2023/274748
 (31) 63/217,006 (32) 30.06.21 (33) US
 (43) 05.01.2023
 (72) DIBELLA, JR., James Anthony; SHIH, Feng-Yang; MIS, Mark R.; CULLEN, Lindsey; TAFT, Sandra; AWASTHI, Alok Kumar
 (74) Spruson & Ferguson
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- (71) BAYER AKTIENGESELLSCHAFT
 (11) AU-A-2022275291
 (21) 2022275291 (22) 04.05.2022
 (54) HERBICIDE/SAFENER COMBINATION BASED ON SAFENERS FROM THE CLASS OF SUBSTITUTED [(1,5-DIPHENYL-1H-1,2,4-TRIAZOL-3-YL)OXY]ACETIC ACIDS AND THEIR SALTS
 (51) Int. Cl.
A01N 43/653 (2006.01)
A01N 25/32 (2006.01)
A01N 37/48 (2006.01)
A01N 43/12 (2006.01)
A01N 43/38 (2006.01)
A01N 43/40 (2006.01)
A01N 43/54 (2006.01)
A01N 43/56 (2006.01)
A01N 43/80 (2006.01)
A01N 43/82 (2006.01)
A01N 43/84 (2006.01)
A01N 43/90 (2006.01)
A01N 47/36 (2006.01)
A01N 57/20 (2006.01)
A01P 13/00 (2006.01)
 (87) WO2022/238194
 (31) 21172971.0 (32) 10.05.21 (33) EP
 (43) 17.11.2022
 (72) DITTGEN, Jan; MÜLLER, Thomas; REINGRUBER, Anna Maria; LORENTZ, Lothar; HAAF, Klaus Bernhard; TRABOLD, Klaus; MENNE, Hubert; PEREZ CATALAN, Julio; SCHMIDT, Mathias
 (74) Davies Collison Cave Pty Ltd
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- (71) BAYOU SURGICAL, INC.
 (11) AU-A-2021444378
 (21) 2021444378 (22) 04.05.2021
 (54) INTRAOPERATIVE ENDOSCOPE CLEANING SYSTEM
 (51) Int. Cl.
A61B 1/00 (2006.01)
A61B 1/015 (2006.01)
A61B 1/12 (2006.01)
A61B 17/34 (2006.01)
 (87) WO2022/235262
 (43) 10.11.2022
 (72) ALURU, Rajitha; COHN, William; SALAZAR, Jorge; SLOSS, Scott; UMARU, Abdul
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) BECTON, DICKINSON AND COMPANY
 (11) AU-A-2022273536
 (21) 2022273536 (22) 12.05.2022
 (54) MULTIPLEXED UNBIASED NUCLEIC ACID AMPLIFICATION METHOD
 (51) Int. Cl.
C12N 9/22 (2006.01)
C07K 19/00 (2006.01)
C12N 15/113 (2010.01)
C12N 15/55 (2006.01)
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 A61K 39/395 (2006.01)
 A61P 43/00 (2006.01)
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 (51) Int. Cl.
 A61M 5/20 (2006.01)
 A61M 5/315 (2006.01)
 A61M 5/32 (2006.01)
 A61M 37/00 (2006.01)
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G07C 9/00 (2020.01)
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A61M 39/12 (2006.01)
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C11B 3/12 (2006.01)
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B29C 65/18 (2006.01)
B29C 65/22 (2006.01)
B31B 70/855 (2017.01)
B65D 75/30 (2006.01)
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C07K 14/605 (2006.01)
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B01D 53/86 (2006.01)
B01J 29/072 (2006.01)
C01B 21/28 (2006.01)
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B62D 55/15 (2006.01)
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G06Q 10/10 (2023.01)
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G07C 5/00 (2006.01)
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A61P 35/02 (2006.01)
C07D 401/04 (2006.01)
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C07D 205/04 (2006.01)
C07C 309/00 (2006.01)
C07D 209/48 (2006.01)
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 C12N 15/867 (2006.01)
 A61K 48/00 (2006.01)
 A61P 1/16 (2006.01)
 C12N 9/10 (2006.01)
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 G02B 21/00 (2006.01)
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 G02B 21/18 (2006.01)
 G02B 21/36 (2006.01)
 G11B 7/00 (2006.01)
 G11B 7/005 (2006.01)
 G11B 7/1374 (2012.01)
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 A61K 31/57 (2006.01)
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 A61K 47/32 (2006.01)
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 A61K 31/18 (2006.01)
 A61K 31/407 (2006.01)
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 A61P 35/00 (2006.01)
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 (54) USES AND METHODS FOR RECURRENT PRIMARY CNS NEOPLASMS
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 A61K 31/519 (2006.01)
 A61P 35/00 (2006.01)
 C07D 471/14 (2006.01)
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 (54) DEVICE FOR DETECTING IDLING TIME OF BRAKE SHOE OF MONORAIL HOIST AND DETECTION METHOD THEREOF
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 B60T 17/22 (2006.01)
 B66C 13/18 (2006.01)
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 (54) SYSTEM FOR CONTROLLING MULTI-POINT SYNCHRONOUS BRAKING OF MONORAIL HOIST AND UTILIZATION METHOD THEREOF
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 B66C 13/18 (2006.01)
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C07K 5/12 (2006.01)
C07K 7/50 (2006.01)
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(51) Int. Cl.
C12N 15/77 (2006.01)
C12N 9/10 (2006.01)
C12P 13/08 (2006.01)
(87) WO2022/231054
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(51) Int. Cl.
C12N 15/77 (2006.01)
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C12P 13/08 (2006.01)
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(51) Int. Cl.
C12N 15/77 (2006.01)
C12N 9/10 (2006.01)
C12P 13/08 (2006.01)
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(11) AU-A-2022264154
(21) 2022264154 (22) 28.04.2022
(54) METHOD FOR PREPARATION OF INSTANT FOOD HAVING IMPROVED TASTE, NUTRITIONAL VALUE, AND TEXTURE
(51) Int. Cl.
A23L 3/10 (2006.01)
A23L 3/16 (2006.01)
A23L 7/196 (2016.01)
A23L 23/00 (2016.01)
(87) WO2022/231355
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(21) 2022264407 (22) 28.04.2022
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(51) Int. Cl.
A23L 7/196 (2016.01)
A23L 3/02 (2006.01)
A23L 3/10 (2006.01)
A23L 3/16 (2006.01)
A23L 23/00 (2016.01)
A23L 25/00 (2016.01)
B65B 25/00 (2006.01)
B65B 55/14 (2006.01)
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(54) INSTANT WHOLE-GRAIN RICE HAVING IMPROVED TASTE, NUTRITION AND TEXTURE
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A23L 7/196 (2016.01)
A23L 3/02 (2006.01)
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B65B 25/00 (2006.01)
B65B 55/02 (2006.01)
(87) WO2022/231356
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(11) AU-A-2022267198
(21) 2022267198 (22) 28.04.2022
(54) INSTANT NUTRITIOUS RICE MIXED WITH MUSHROOM HAVING IMPROVED TASTE, NUTRITION, AND TEXTURE
(51) Int. Cl.
A23L 7/196 (2016.01)
A23L 3/02 (2006.01)
A23L 3/10 (2006.01)
A23L 3/16 (2006.01)
A23L 23/00 (2016.01)
A23L 31/00 (2016.01)
B65B 25/00 (2006.01)
B65B 55/14 (2006.01)
(87) WO2022/231359
(31) 10-2021-0056077 (32) 29.04.21 (33) KR
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(11) AU-A-2022268139
(21) 2022268139 (22) 28.04.2022
(54) SYSTEM FOR PREPARING INSTANT RICE WITH TASTE, NUTRITION AND TEXTURE OF CAULDRON RICE
(51) Int. Cl.
A23L 3/10 (2006.01)
A23L 3/16 (2006.01)
A23L 7/196 (2016.01)
A23L 23/00 (2016.01)
(87) WO2022/231354
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(74) Spruson & Ferguson
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- (71) CJ CHEILJEDANG CORPORATION
(11) AU-A-2022268160
(21) 2022268160 (22) 28.04.2022
(54) METHOD FOR PREPARING INSTANT RICE HAVING TASTE, NUTRITIONAL VALUE, AND TEXTURE OF HOT POT RICE
(51) Int. Cl.
A23L 7/196 (2016.01)
A23L 3/015 (2006.01)
A23L 3/10 (2006.01)
A23L 25/00 (2016.01)
A23L 31/00 (2016.01)
B65B 25/00 (2006.01)
B65B 55/14 (2006.01)
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 G06F 40/12 (2020.01)
 G06F 40/197 (2020.01)
 G06F 40/279 (2020.01)
 G06Q 50/18 (2012.01)
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 A61K 8/44 (2006.01)
 A61K 8/67 (2006.01)
 A61Q 5/02 (2006.01)
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 A61K 8/365 (2006.01)
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 C22C 21/06 (2006.01)
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 C22F 1/047 (2006.01)
 F41H 5/04 (2006.01)
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 G16H 10/60 (2018.01)
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A61K 31/506 (2006.01)
A61P 25/16 (2006.01)
C07D 403/14 (2006.01)
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H05B 3/28 (2006.01)
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C07K 1/04 (2006.01)
C40B 50/18 (2006.01)
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A61B 17/34 (2006.01)
A61M 25/04 (2006.01)
A61B 17/11 (2006.01)
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B29C 48/395 (2019.01)
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B33Y 30/00 (2015.01)
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C07D 277/22 (2006.01)
A61P 25/00 (2006.01)
C07C 237/20 (2006.01)
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C07D 213/24 (2006.01)
C07D 239/26 (2006.01)
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B60B 3/12 (2006.01)
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A61M 31/00 (2006.01)
A61J 3/07 (2006.01)
A61J 7/00 (2006.01)
A61K 9/48 (2006.01)
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A61J 3/07 (2006.01)
A61J 7/00 (2006.01)
A61K 9/00 (2006.01)
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A61K 31/196 (2006.01)
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A61K 47/10 (2017.01)

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A01N 57/20 (2006.01)
C08K 5/5313 (2006.01)
C12N 9/10 (2006.01)
C12P 13/04 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
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A61K 31/64 (2006.01)
A61P 9/00 (2006.01)
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 C12N 15/11 (2006.01)
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 F16L 55/26 (2006.01)
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 G06V 10/82 (2022.01)
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 A61M 16/08 (2006.01)
 A61M 16/00 (2006.01)
 A61M 16/10 (2006.01)
 A61M 16/16 (2006.01)
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 G06F 8/65 (2018.01)
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 C07D 311/80 (2006.01)
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 A61M 1/36 (2006.01)
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 B60M 1/12 (2006.01)
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A61K 51/04 (2006.01)
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C07B 59/00 (2006.01)
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B01J 8/00 (2006.01)
B01J 8/02 (2006.01)
F23C 9/00 (2006.01)
F23C 10/00 (2006.01)
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C08G 65/336 (2006.01)
C08L 71/02 (2006.01)
C08L 101/10 (2006.01)
C09D 171/02 (2006.01)
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A61P 35/00 (2006.01)
C07C 311/05 (2006.01)
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F15B 15/17 (2006.01)
A01K 81/00 (2006.01)
A01M 27/00 (2006.01)
B25C 1/04 (2006.01)
B25C 5/13 (2006.01)
F41B 11/60 (2013.01)
F41B 11/80 (2013.01)
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H02P 21/14 (2016.01)
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A23K 50/10 (2016.01)
A61K 9/00 (2006.01)
A61K 36/04 (2006.01)
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F03G 3/00 (2006.01)
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C01B 32/215 (2017.01)
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H01M 4/133 (2010.01)
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E21B 37/02 (2006.01)
E21B 34/10 (2006.01)
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B65G 1/04 (2006.01)
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A61C 13/00 (2006.01)
A61C 13/083 (2006.01)
A61K 6/802 (2020.01)
A61K 6/853 (2020.01)
A61L 27/10 (2006.01)
C04B 35/01 (2006.01)
C04B 35/14 (2006.01)
C04B 35/64 (2006.01)
C04B 35/653 (2006.01)
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B62D 53/06 (2006.01)
A61B 6/00 (2006.01)
A61B 6/03 (2006.01)
A61G 3/00 (2006.01)
H02J 9/06 (2006.01)
H05G 1/12 (2006.01)
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B60L 5/00 (2006.01)
B60L 5/16 (2006.01)
B60L 5/28 (2006.01)
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B65D 33/02 (2006.01)
B65D 30/10 (2006.01)
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(51) Int. Cl.
H02J 3/28 (2006.01)
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H04W 48/00 (2009.01)
H04W 72/00 (2023.01)
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A61K 47/68 (2017.01)
A61K 47/54 (2017.01)
A61P 35/00 (2006.01)
C07K 5/062 (2006.01)
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G01R 33/50 (2006.01)
A61B 5/055 (2006.01)
A61K 49/10 (2006.01)
G01R 33/56 (2006.01)
G01R 33/563 (2006.01)
A61B 5/00 (2006.01)
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(31) 20210734 (32) 07.06.21 (33) NO
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(74) Davies Collison Cave Pty Ltd
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(54) ANTIGEN BINDING PROTEINS SPECIFICALLY BINDING PRAME
(51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/00 (2006.01)
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C07K 14/47 (2006.01)
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B01J 8/04 (2006.01)
C07C 1/04 (2006.01)
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B01D 29/68 (2006.01)
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D06F 39/10 (2006.01)
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A61K 9/08 (2006.01)
A61K 38/22 (2006.01)
A61P 3/04 (2006.01)
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F23G 7/10 (2006.01)
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H04W 12/06 (2021.01)
B60R 25/24 (2013.01)
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H04W 4/80 (2018.01)
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D06F 34/26 (2020.01)
D06F 33/72 (2020.01)
D06F 34/18 (2020.01)
D06F 58/38 (2020.01)
D06F 58/48 (2020.01)
G01J 5/10 (2006.01)
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G06N 5/04 (2023.01)
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A61P 29/00 (2006.01)
C07D 401/12 (2006.01)
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B01J 4/00 (2006.01)
C01B 17/00 (2006.01)
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A61P 25/28 (2006.01)
C07C 57/15 (2006.01)
C07D 209/08 (2006.01)
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C07D 471/02 (2006.01)
A61K 31/33 (2006.01)
A61K 31/395 (2006.01)
C07D 471/00 (2006.01)
A61K 31/00 (2006.01)
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A63F 13/65 (2014.01)
G06T 7/70 (2017.01)
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C23C 2/06 (2006.01)
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F16L 15/04 (2006.01)
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C22C 45/02 (2006.01)
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H01F 1/153 (2006.01)
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B64C 39/02 (2023.01)
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F16G 17/00 (2006.01)
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A44B 11/06 (2006.01)
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 (54) INHALER SYSTEM
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A61K 31/573 (2006.01)
A61M 11/00 (2006.01)
A61P 11/00 (2006.01)
A61P 11/06 (2006.01)
A61P 11/08 (2006.01)
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G16H 20/13 (2018.01)
G06N 20/00 (2019.01)
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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B25B 27/10 (2006.01)
B21D 39/04 (2006.01)
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 (54) COMPOUNDS FOR INHIBITING OR DEGRADING ITK, COMPOSITIONS, COMPRISING THE SAME METHODS OF THEIR MAKING AND METHODS OF THEIR USE
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4412 (2006.01)
A61K 31/515 (2006.01)
A61P 35/00 (2006.01)
C07D 471/10 (2006.01)
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 (72) MCINTOSH, Joel; KATO, Daisuke; MIHALIC, Jeffrey; PENG, Ge
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 (54) COMPOUNDS FOR INHIBITING OR DEGRADING TARGET PROTEINS, COMPOSITIONS, COMPRISING THE SAME, METHODS OF THEIR MAKING, AND METHODS OF THEIR USE
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4412 (2006.01)
A61K 31/515 (2006.01)
A61P 35/00 (2006.01)
C07D 417/14 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/4545 (2006.01)
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A61K 31/501 (2006.01)
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A61P 35/00 (2006.01)
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 (54) CO-EXPRESSION OF CONSTRUCTS AND IMMUNOSTIMULATORY COMPOUNDS
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A61P 31/14 (2006.01)
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(71) O3 WORLDWIDE, INC.
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 (54) SYSTEM, SERVER AND METHOD TO MODERNIZE, MECHANIZE AND MONETIZE IMMIGRANT VISAS TO SUPPORT ECONOMIC DEVELOPMENT
 (51) Int. Cl.
G06Q 50/26 (2012.01)
G06F 16/2455 (2019.01)
G06Q 40/06 (2012.01)
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 (72) HASAN, Tariq Syed
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(71) OCADO INNOVATION LIMITED
 (11) AU-A-2022256767
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 (54) AN AUTOMATED LOAD HANDLING SYSTEM

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B65G 1/137 (2006.01)
B64F 1/36 (2017.01)
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- (54) STORAGE SYSTEM AND STORAGE CONTAINER
- (51) Int. Cl.
B65D 6/04 (2006.01)
B65D 6/30 (2006.01)
B65D 21/02 (2006.01)
B65D 65/42 (2006.01)
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- (71) OCUPHIRE PHARMA, INC.
(11) AU-A-2022261123
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- (54) METHODS AND COMPOSITIONS FOR TREATING MYDRIASIS, GLAUCOMA, AND OTHER OCULAR CONDITIONS
- (51) Int. Cl.
A61K 31/417 (2006.01)
A61K 9/00 (2006.01)
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A61P 27/06 (2006.01)
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- (72) PEPOSE, Jay Stuart; LAZAR, Eliot Stuart; SOOCH, Mina; MEYER, Alan R.; CHARIZANIS, Konstantinos; HOFFMANN, Bernhard; PITLICK, William H.
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A61K 47/34 (2017.01)
A61K 38/20 (2006.01)
C07K 14/55 (2006.01)
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- (74) GLMR
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H01M 8/04 (2016.01)
C01B 3/02 (2006.01)
F17D 3/01 (2006.01)
H01M 8/00 (2016.01)
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- (74) Davies Collison Cave Pty Ltd
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(21) 2022269493 (22) 04.05.2022
- (54) BIOBASED BINDER COMPOSITIONS FOR AIRLAID NONWOVEN MATERIALS
- (51) Int. Cl.
C09J 105/08 (2006.01)
C08J 3/18 (2006.01)
C08L 5/08 (2006.01)
D04H 1/64 (2012.01)
C08K 5/053 (2006.01)
C09J 11/06 (2006.01)
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- (72) WENNMAN, Maria; HELLBERG, Märten; KISHANI, Saina
- (74) Griffith Hack
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- (54) NOVEL HETEROCYCLIC COMPOUNDS, COMPOSITIONS, METHODS OF PREPARATION AND USES THEREOF
- (51) Int. Cl.
C07D 211/72 (2006.01)
A61K 31/4166 (2006.01)
A61K 31/44 (2006.01)
A61P 35/00 (2006.01)
C07D 401/06 (2006.01)
C07D 401/14 (2006.01)
C07D 405/12 (2006.01)
C07D 413/06 (2006.01)
C07D 417/06 (2006.01)
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- (71) OTONEXUS MEDICAL TECHNOLOGIES, INC.
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- (54) SYSTEMS AND METHODS FOR OPTICAL ILLUMINATION IN A SPECULUM TIP
- (51) Int. Cl.
A61B 1/227 (2006.01)
A61B 1/06 (2006.01)
A61B 5/00 (2006.01)
G02B 23/24 (2006.01)
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C03B 5/225 (2006.01)
C03B 5/235 (2006.01)
C03C 3/087 (2006.01)
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 C12Q 1/6825 (2018.01)
 C12Q 1/6874 (2018.01)
 B82Y 15/00 (2011.01)
 G01J 3/28 (2006.01)
 G01N 21/01 (2006.01)
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 (54) SYSTEMS AND METHODS TO PROCESS ELECTRONIC IMAGES TO CATEGORIZE INTRA-SLIDE SPECIMEN TISSUE TYPE
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 G06V 20/69 (2022.01)
 G06F 18/23 (2023.01)
 G06N 3/04 (2023.01)
 G06N 20/00 (2019.01)
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 (72) GODRICH, Ran; KANAN, Christopher
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 (54) METHOD FOR OPEN-LOOP AND/OR CLOSED-LOOP CONTROL OF A VEHICLE-MOUNTED LIFTING GEAR
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 B66C 23/70 (2006.01)
 B66C 13/46 (2006.01)
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 B60R 16/033 (2006.01)
 G06Q 20/36 (2012.01)
 H02J 7/14 (2006.01)
 H02M 7/42 (2006.01)
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 G06Q 10/00 (2023.01)
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 G06V 40/10 (2022.01)
 G06N 3/04 (2023.01)
 G06N 3/08 (2023.01)
 G06V 10/10 (2022.01)
 G06V 10/20 (2022.01)
 G06V 10/40 (2022.01)
 G06V 10/764 (2022.01)
 G06V 10/82 (2022.01)
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 A61P 35/00 (2006.01)
 A61K 31/352 (2006.01)
 A61K 31/4025 (2006.01)
 A61K 31/4155 (2006.01)
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 A61K 31/4433 (2006.01)
 A61K 31/506 (2006.01)
 C07D 311/30 (2006.01)
 C07D 405/04 (2006.01)
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 C07D 407/04 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2022273692 (22) 11.05.2022
 (54) PHARMACEUTICAL COMPOSITION AND METHOD FOR TREATMENT OF ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS) IN CORONA VIRUS DISEASE (COVID-19)
 (51) Int. Cl.
 A61K 31/496 (2006.01)
 A61K 31/4709 (2006.01)
 A61K 45/06 (2006.01)
 A61P 11/00 (2006.01)
 (87) WO2022/240964
 (31) 63/187,077 (32) 11.05.21 (33) US
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- (71) PHOENIX TAILINGS INC.
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 (54) NOBLE METAL EXTRACTION METHOD AND APPARATUS
 (51) Int. Cl.
 C22B 11/00 (2006.01)
 C22B 1/00 (2006.01)
 C22B 3/00 (2006.01)
 C22B 3/04 (2006.01)
 C22B 7/00 (2006.01)
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 (54) EXPANDED DOSAGE REGIMENS FOR INTEGRIN INHIBITORS
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 A61K 31/4375 (2006.01)
 A61K 9/20 (2006.01)
 A61P 9/00 (2006.01)
 C07D 401/12 (2006.01)
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 (21) 2022274750 (22) 19.04.2022
 (54) CHRYSOBACTERIUM INSECT INHIBITORY MICROBIAL COMPOSITIONS AND METHODS OF MAKING AND USING
 (51) Int. Cl.
A01N 63/20 (2020.01)
A61K 35/74 (2015.01)
C07K 14/195 (2006.01)
C12N 1/20 (2006.01)
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(71) POCAI, R.
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 (54) LINING FOR TOILET SEAT
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A47K 13/14 (2006.01)
E03D 9/00 (2006.01)
 (87) WO2022/217326
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 (72) POCAI, Ricardo
 (74) Jones Tulloch

(71) POLYMER TECHNOLOGIES LIMITED
 (11) AU-A-2021444145
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 (54) LIQUID PRESSURE REDUCING VALVE
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G05D 16/20 (2006.01)
E03B 7/02 (2006.01)
G05F 7/00 (2006.01)
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 (72) TAYLOR, David Brian
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 (54) PRODUCT CONVEYING SYSTEM AND PRODUCT SUPPORT SYSTEM
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B65G 13/12 (2006.01)
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 (54) BLENDED GRAPHENE DISPERSIONS
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 (74) Minter Ellison

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 (21) 2022246652 (22) 31.03.2022
 (54) SYSTEM AND METHOD FOR SENSING AND ASSESSING BLAST EVENTS USING A KINEMATIC SENSOR
 (51) Int. Cl.
F41H 1/00 (2006.01)
A42B 3/04 (2006.01)
 (87) WO2022/212656
 (31) 63/170,217 (32) 02.04.21 (33) US
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 (72) BARTSCH, Adam
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(71) PROVIDENCE HEALTH & SERVICES - OREGON; AGONOX, INC.
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 (21) 2022288058 (22) 06.06.2022
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 (51) Int. Cl.
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
C12N 5/0783 (2010.01)
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 (72) WEINBERG, Andrew D.; DUHEN, Thomas; DUHEN, Rebekka; MOSES, Jacob
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2022290630 (22) 09.06.2022
 (54) STERILIZED MULTICOMPONENT COMPOSITION FOR REMOVAL OF PARTICLES
 (51) Int. Cl.
C08L 5/04 (2006.01)
A61K 9/06 (2006.01)
A61K 47/36 (2006.01)
A61P 1/16 (2006.01)

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A61P 41/00 (2006.01)
C08J 3/075 (2006.01)
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 (72) GRUNWALD, Ingo; STÖBLEIN, Sebastian
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 (54) TREATING LUNG DISEASE WITH SPINAL CORD STIMULATION
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A61N 1/36 (2006.01)
A61N 1/05 (2006.01)
A61N 1/372 (2006.01)
 (87) WO2022/212552
 (31) 63/168,702 (32) 31.03.21 (33) US
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 (72) PYLES, Stephen, T.
 (74) WRAYS PTY LTD

(71) QIAGEN GMBH
 (11) AU-A-2022285871
 (21) 2022285871 (22) 01.06.2022
 (54) METHOD FOR REVIEWING AND MANIPULATING OF DIGITAL PCR DATA
 (51) Int. Cl.
G16B 40/10 (2019.01)
G16B 45/00 (2019.01)
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 (31) 21177157.1 (32) 01.06.21 (33) EP
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 (72) WOZNIK, Maria; MATTHAEI, Kevin; WROBLEWSKI, Mateusz
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(71) QINGDAO KINGAGROOT CHEMICAL COMPOUND CO., LTD.
 (11) AU-A-2022268461
 (21) 2022268461 (22) 29.04.2022
 (54) METHOD FOR GENERATING NEW GENE IN ORGANISM AND USE THEREOF
 (51) Int. Cl.
C12N 15/29 (2006.01)
A01H 5/00 (2018.01)
C12N 15/82 (2006.01)
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 (72) JIANG, Linjian; WANG, Jiyao; MO, Sudong; CHEN, Bo; HU, Qiang; DING, Dehui; LI, Huarong
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(71) QUANDELA
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 (54) METHOD FOR HIGH-PRECISION COUPLING OF AN OPTICAL FIBER TO A PHOTONIC DEVICE AND MI-

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G02B 6/42 (2006.01)
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(72) PASTIER, Florian; SOMASCHI, Nicolo; GIESZ, Valérian
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(51) Int. Cl.
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/235589
(31) 63/184,364 **(32)** 05.05.21 **(33)** US
(43) 10.11.2022
(72) KIM, Yun Cheol; DRAKE, Penelope M.
(74) FB Rice Pty Ltd

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(54) CATHETERS INCLUDING METALLIC ALLOYS FOR INTRODUCTION OF THERAPEUTIC IONS
(51) Int. Cl.
A61N 1/30 (2006.01)
A61M 1/38 (2006.01)
A61M 25/00 (2006.01)
A61N 1/04 (2006.01)
A61N 1/14 (2006.01)
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(74) Madderns Pty Ltd

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(54) COMPOSITIONS AND METHODS FOR THEIR PRODUCTION
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A61B 10/02 (2006.01)
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G01N 1/00 (2006.01)
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(72) DIETRICH, Jeffrey; GURROLA, Madison Kylie; SINROD, Amanda Jacklyn Grace; PALANG, Edwin Yparraguirre
(74) WRAYS PTY LTD

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(51) Int. Cl.

G08C 17/02 (2006.01)
A62C 37/00 (2006.01)
G08B 17/00 (2006.01)
H04Q 9/00 (2006.01)
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(31) 2104447.4 **(32)** 29.03.21 **(33)** GB
(43) 06.10.2022
(72) KOUTSOS, Theodoros
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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(21) 2022277254 **(22)** 18.05.2022
(54) USE OF ANTIBODY-DRUG CONJUGATE IN COMBINATION WITH IMMUNE CHECKPOINT INHIBITOR IN TREATMENT OF UROTHELIAL CANCER
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 35/00 (2006.01)
A61K 45/00 (2006.01)
A61K 47/20 (2006.01)
A61P 43/00 (2006.01)
(87) WO2022/242692
(31) 202110559728.8 **(32)** 21.05.21 **(33)** CN
(43) 24.11.2022
(72) FANG, Jianmin; JIANG, Jing; LI, Shenjun; SU, Xiaohong
(74) Spruson & Ferguson

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(54) USE OF HER2-TARGETING ANTIBODY-DRUG CONJUGATE IN TREATMENT OF HER2-LOW EXPRESSING BREAST CANCER
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 47/00 (2006.01)
A61P 35/00 (2006.01)
(87) WO2022/247708
(31) 202110565350.2 **(32)** 24.05.21 **(33)** CN
(43) 01.12.2022
(72) FANG, Jianmin; SU, Xiaohong
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(21) 2022278446 **(22)** 19.05.2022
(54) LINER ARRANGEMENT FOR INSERTING IN A PIPE STRUCTURE, AND METHOD FOR RELINING A PIPE STRUCTURE
(51) Int. Cl.
F16L 55/162 (2006.01)
B29C 63/26 (2006.01)
(87) WO2022/245275
(31) 2021901501 **(32)** 19.05.21 **(33)** AU
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(72) STOCKFORS, Jesper
(74) Griffith Hack

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A61K 48/00 (2006.01)
A61P 25/00 (2006.01)
C12N 15/86 (2006.01)
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(54) PRODUCTS AND METHODS FOR TREATING MUSCULAR DYSTROPHY
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C07K 14/47 (2006.01)
A61K 48/00 (2006.01)
C12N 15/113 (2010.01)
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C07D 217/16 (2006.01)
C07D 217/04 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 498/18 (2006.01)
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(72) BALLMER, Steven G.; HUANG, Xiaojun; LI, Shaoling
(74) Griffith Hack

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(54) WATER HEATER AND METHOD OF OPERATING THEREOF
(51) Int. Cl.
F24H 1/20 (2022.01)
F24H 9/13 (2022.01)
F24H 9/20 (2022.01)
F24H 15/223 (2022.01)
F24H 15/238 (2022.01)
G05D 23/13 (2006.01)
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F03B 13/26 (2006.01)
E02B 9/08 (2006.01)
F03B 17/06 (2006.01)
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A61M 25/01 (2006.01)
A61B 90/00 (2016.01)
A61M 39/02 (2006.01)
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A61K 9/51 (2006.01)
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A61K 9/51 (2006.01)
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A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/735 (2006.01)
C07K 16/30 (2006.01)
C12N 5/10 (2006.01)
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G05D 11/13 (2006.01)
A61M 5/142 (2006.01)
A61M 5/168 (2006.01)
B01F 23/00 (2022.01)
B01F 33/301 (2022.01)
B01F 35/21 (2022.01)
B01F 35/22 (2022.01)
B01F 35/221 (2022.01)
B01F 35/71 (2022.01)
G01N 1/34 (2006.01)
G01N 1/38 (2006.01)
G05B 19/05 (2006.01)
G05D 7/00 (2006.01)
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F03D 13/25 (2016.01)
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 A61K 31/353 (2006.01)
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 A61K 47/02 (2006.01)
 A61K 47/10 (2017.01)
 A61K 47/38 (2006.01)
 A61P 27/02 (2006.01)
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 C12N 5/10 (2006.01)
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 B63B 25/28 (2006.01)
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 B01J 35/02 (2006.01)
 A61L 9/00 (2006.01)
 A61L 9/01 (2006.01)
 B01J 23/745 (2006.01)
 B01J 23/835 (2006.01)
 B01J 37/04 (2006.01)
 B01J 37/06 (2006.01)
 B01J 37/10 (2006.01)
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 C01G 23/04 (2006.01)
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 (54) TITANIUM OXIDE PARTICLE-METAL PARTICLE COMPOSITION AND MANUFACTURING METHOD THEREFOR
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 B01J 35/02 (2006.01)
 A61L 9/00 (2006.01)
 A61L 9/01 (2006.01)
 B01J 23/847 (2006.01)
 B01J 23/887 (2006.01)
 B01J 23/888 (2006.01)
 B01J 37/04 (2006.01)
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 C01G 23/04 (2006.01)
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 A61K 38/07 (2006.01)
 A61P 17/04 (2006.01)
 C07K 5/107 (2006.01)
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 A61K 35/28 (2015.01)
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 A61P 21/00 (2006.01)
 A61P 25/00 (2006.01)
 A61P 27/00 (2006.01)
 C12N 5/0775 (2010.01)
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 (72) SIDHU, Kuldip; CUNNINGHAM, Corey
 (74) FPA Patent Attorneys Pty Ltd
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 (51) Int. Cl.
 H02P 13/06 (2006.01)
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 C04B 40/00 (2006.01)
 C04B 103/14 (2006.01)
 C04B 111/00 (2006.01)
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B25B 15/00 (2006.01)
B25B 15/02 (2006.01)
B25B 21/00 (2006.01)
B25B 23/00 (2006.01)
B25F 1/04 (2006.01)
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(72) SMITH, Cameron
(74) Patentec Patent Attorneys

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E01D 15/12 (2006.01)
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(74) AJ Pietras IP Limited

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(51) Int. Cl.
C12P 7/40 (2006.01)
C07C 51/08 (2006.01)
C07C 57/04 (2006.01)
C07C 231/06 (2006.01)
C07C 233/09 (2006.01)
C08F 20/06 (2006.01)
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C12P 13/02 (2006.01)
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(72) FAVERO, Cédric; KIEFFER, Johann
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C08G 73/02 (2006.01)
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(54) SOLUBLE COFFEE POWDER
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A23F 5/32 (2006.01)
A23L 2/14 (2006.01)
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(54) ROASTED COFFEE
(51) Int. Cl.
A23F 5/02 (2006.01)
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(21) 2022292995 (22) 16.06.2022
(54) COMPOSITION
(51) Int. Cl.
B32B 27/32 (2006.01)
B32B 7/12 (2006.01)
B32B 27/08 (2006.01)
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H02S 20/32 (2014.01)
F24S 30/20 (2018.01)
F24S 30/425 (2018.01)
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(74) WRAYS PTY LTD

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(54) AUDIO CONTROL MODULE AND SYSTEM FOR CONTROLLING SOUND DURING A LIVE PERFORMANCE
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H04H 60/04 (2008.01)
(87) WO2022/253933
(31) 20210697 (32) 02.06.21 (33) NO
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(72) SIGURDSSON, Bjorn
(74) Halfords IP

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(21) 2022254765 (22) 05.04.2022
(54) APPARATUS, METHOD AND SYSTEM FOR BALLOON ALTITUDE CONTROL BY IN-SITU CHARACTERIZATION AND ACTIVE ENERGY MANAGEMENT
(51) Int. Cl.
B64B 1/40 (2006.01)
B29D 22/02 (2006.01)
B64B 1/44 (2006.01)
B64B 1/58 (2006.01)
B64B 1/60 (2006.01)
B64B 1/62 (2006.01)
(87) WO2022/217225
(31) 63/201,021 (32) 08.04.21 (33) US
(43) 13.10.2022
(72) SHINDE, Pradeep
(74) Integrated IP

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(54) LET DETECTION SYSTEM FOR MONITORING MOVEMENT OF A NET CORD
(51) Int. Cl.
A63B 71/06 (2006.01)
H04W 4/80 (2018.01)
A63B 102/02 (2015.01)
(87) WO2023/140887
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A61P 35/00 (2006.01)
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C22B 3/06 (2006.01)
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A61P 3/02 (2006.01)
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(51) Int. Cl.
E04G 1/15 (2006.01)
(87) WO2022/218454
(31) 10 2021 001 890.7 (32) 13.04.21 (33) DE
(43) 20.10.2022
(72) BEHRBOHM, Wolf, Christian
(74) FB Rice Pty Ltd
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- (71) WISBIOM (BEIJING) BIOTECHNOLOGY CO., LTD.
(11) AU-A-2022258164
(21) 2022258164 (22) 13.04.2022
(54) LACTOBACILLUS REUTERI, AND USE, COMPOSITION, DRUG AND FOOD THEREOF
(51) Int. Cl.
C12N 1/04 (2006.01)
A23L 33/135 (2016.01)
A61K 35/747 (2015.01)
A61K 45/06 (2006.01)
A61P 1/00 (2006.01)
A61P 25/00 (2006.01)
A61P 37/08 (2006.01)
C12N 1/20 (2006.01)
C12R 1/225 (2006.01)
(87) WO2022/218335
(31) 202110412519.0 (32) 16.04.21 (33) CN
(43) 20.10.2022
(72) DUAN, Yunfeng; ZHANG, Ye; LIANG, Hua; CUI, Lei; LIU, Zhi
(74) Madderns Pty Ltd
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- (71) WONDERLAND SWITZERLAND AG
(11) AU-A-2022265690
(21) 2022265690 (22) 28.04.2022
(54) CHILD CAR SEAT
(51) Int. Cl.
B60N 2/28 (2006.01)
(87) WO2022/232379
(31) 63/181,577 (32) 29.04.21 (33) US
63/221,971 15.07.21 US
63/255,895 14.10.21 US
(43) 03.11.2022
(72) LEHMAN, David A.; MASON, Kyle S.; TAYLOR, Andrew J.; HARTENSTINE, Curtis M.; HORST, Andrew J.
(74) PIPERS
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- (71) XERO LIMITED
(11) AU-A-2021440146
(21) 2021440146 (22) 19.08.2021
(54) SYSTEMS AND METHODS FOR SCHEDULING INFORMATION RETRIEVAL
(51) Int. Cl.
G06F 16/33 (2019.01)
G06F 16/2455 (2019.01)
G06N 5/04 (2023.01)
G06N 20/00 (2019.01)
(87) WO2022/216160
(31) 2021901020 (32) 08.04.21 (33) AU
(43) 13.10.2022
(72) SMITH, Patrick; PALUMBO, Justin; LEI, Judy; MUSTATEA, Lucian; GLENDINNING, Torrey; ATLIN, Michael
(74) FB Rice Pty Ltd
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- (71) XINTELA AB
(11) AU-A-2022277806
(21) 2022277806 (22) 20.05.2022
(54) MESENCHYMAL STEM CELLS FOR USE IN THE TREATMENT OF SKIN DEFECTS
(51) Int. Cl.
A61K 35/28 (2015.01)
A61K 8/04 (2006.01)
A61K 8/98 (2006.01)
A61K 9/06 (2006.01)
A61P 17/02 (2006.01)
A61Q 19/00 (2006.01)
(87) WO2022/243517
(31) 21174929.6 (32) 20.05.21 (33) EP
(43) 24.11.2022
(72) LUNDGREN ÅKERLUND, Evy; SJÖBERG, Folke; LIM, Hooi Ching; ELSERAFY, Ahmed; ELMASRY, Moustafa
(74) FB Rice Pty Ltd
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- (71) ZEBRA TECHNOLOGIES CORPORATION
(11) AU-A-2022280712
(21) 2022280712 (22) 20.05.2022
(54) COMPACT DIFFRACTIVE OPTICAL ELEMENT LASER AIMING SYSTEM
(51) Int. Cl.
G06K 7/10 (2006.01)
G02B 26/10 (2006.01)
(87) WO2022/251069
(31) 17/333,628 (32) 28.05.21 (33) US
(43) 01.12.2022
(72) GUREVICH, Vladimir; SHI, David Tsi; TAN, Chihng; WATSON, Courtney L.; WITTENBERG, Carl D.
(74) Spruson & Ferguson

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

<p>(71) ZEBRA TECHNOLOGIES CORPORATION (11) AU-A-2022281230 (21) 2022281230 (22) 08.02.2022 (54) SINGLE SLOT CRADLE WITH INTER-CHANGEABLE TOPS (51) Int. Cl. G06K 7/10 (2006.01) G06K 7/00 (2006.01) H02J 7/00 (2006.01) (87) WO2022/250748 (31) 17/333,398 (32) 28.05.21 (33) US (43) 01.12.2022 (72) SIECKOWSKI, Steven D.; PAUL, Jaxon; LEE, Ronald Wing Fai; MALMED, Eric M. (74) Spruson & Ferguson</p>	<p>(31) 202110573668.5 (32) 25.05.21 (33) CN (43) 01.12.2022 (72) LI, Peng; LI, Yao; ZHOU, Linfu; TANG, Zhaoyang; QIN, Le; YAO, Yao; HU, Duo (74) GLMR</p>	<p>(71) ZTE CORPORATION (11) AU-A-2022436055 (21) 2022436055 (22) 25.01.2022 (54) METHODS AND SYSTEMS FOR DETERMINING UPLINK COMMON FREQUENCY RESOURCE (51) Int. Cl. H04W 72/04 (2023.01) (87) WO2023/141746 (43) 03.08.2023 (72) SHI, Jing; HAN, Xianghui; WEI, Xingguang; KOU, Shuaihua; LIU, Xing; REN, Min (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) ZEBRA TECHNOLOGIES CORPORATION (11) AU-A-2022281244 (21) 2022281244 (22) 21.04.2022 (54) MOVING FRONT LENS GROUP MECHANICALLY LOCATED TO FIXED REAR LENS GROUP (51) Int. Cl. G02B 7/09 (2021.01) G02B 7/10 (2021.01) G03B 3/10 (2021.01) G03B 13/36 (2021.01) (87) WO2022/250813 (31) 17/333,308 (32) 28.05.21 (33) US (43) 01.12.2022 (72) WITTENBERG, Carl D.; VINO-GRADOV, Igor; HURLEY, IV, William P.; SHI, David T. (74) Spruson & Ferguson</p>	<p>(71) ZHEJIANG SHUYOU SURGICAL INSTRUMENT CO., LTD. (11) AU-A-2021447102 (21) 2021447102 (22) 28.05.2021 (54) SMOKE EVACUATION TUBE AND TELESCOPIC SMOKE EVACUATION SCALPEL (51) Int. Cl. A61B 18/12 (2006.01) (87) WO2022/246779 (43) 01.12.2022 (72) LU, Kongpei; YIN, Zuokai (74) Peng Zhang</p>	
<p>(71) ZEBRA TECHNOLOGIES CORPORATION (11) AU-A-2022281293 (21) 2022281293 (22) 19.05.2022 (54) IMAGING LENS SYSTEM AND SCAN ENGINE CHASSIS (51) Int. Cl. G06K 7/10 (2006.01) G02B 26/10 (2006.01) (87) WO2022/251042 (31) 63/194,506 (32) 28.05.21 (33) US (43) 01.12.2022 (72) WITTENBERG, Carl D.; SEIMS, JR., Gary V.; ROEDIG, Robert T. (74) Spruson & Ferguson</p>	<p>(71) ZINPRO CORPORATION (11) AU-A-2022292550 (21) 2022292550 (22) 13.06.2022 (54) NEAT REACTION PRODUCT OF CALCIUM AND VOLATILE FATTY ACIDS AS NUTRITIONAL SUPPLEMENT FOR LIVESTOCK AND POULTRY (51) Int. Cl. A23K 20/105 (2016.01) A23K 20/158 (2016.01) A23K 20/24 (2016.01) C11C 1/02 (2006.01) (87) WO2022/265973 (31) 17/304,194 (32) 16.06.21 (33) US (43) 22.12.2022 (72) STARK, Peter A.; WIBBELS, Jason Bernard (74) Spruson & Ferguson</p>	
<p>(71) ZHAOTAI IMMUGENE BIOMEDICINE (HONG KONG) LIMITED (11) AU-A-2021448197 (21) 2021448197 (22) 24.06.2021 (54) INDUCER FOR REPROGRAMMING T CELL INTO NK-LIKE CELL AND APPLICATION OF INDUCER (51) Int. Cl. C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) (87) WO2022/246942</p>	<p>(71) ZHEJIANG JINKO SOLAR Co., Ltd.; Jinko Solar Co., Ltd. (11) AU-A-2022331905 (21) 2022331905 (22) 12.10.2022 (54) Solar cell and photovoltaic module (51) Int. Cl. H01L 31/0236 (2006.01) (31) 202210474482.9 (32) 29.04.22 (33) CN (43) 16.11.2023 (72) YU, Ding; WANG, Zhao; YANG, Jie; LI, Wenqi; WU, Jiahao; WANG, Hao; CHAI, Jialei; ZHANG, Xiaowen; ZHAO, Shijie (74) Franke Hyland Pty Ltd</p>	
	<p>(71) ZOETIC EQUIPMENT GROUP (11) AU-A-2022270131 (21) 2022270131 (22) 05.05.2022 (54) AUTOMATIC DEF TANK FILLING SYSTEM (51) Int. Cl. B67D 7/00 (2010.01) (87) WO2022/235939 (31) 17/737,623 (32) 05.05.22 (33) US 63/184,782 05.05.21 US (43) 10.11.2022 (72) TRUAN, Brandon; HEWITT, Timothy (74) Caska Intellectual Property Pty Ltd</p>	

Numerical Index

2021437057	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	2022249849	COCOGREEN (UK) LTD
2021437094	KIMBERLY-CLARK WORLDWIDE, INC.	2022249960	DEPUY SYNTHES PRODUCTS, INC.
2021437467	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	2022250028	SENJU PHARMACEUTICAL CO., LTD.; MOCHIDA PHARMACEUTICAL CO., LTD.
2021437878	LG ELECTRONICS INC.	2022250692	EVONIK OPERATIONS GMBH
2021438015	HUAWEI TECHNOLOGIES CO., LTD.	2022250856	DAACI LIMITED
2021439961	BIONOXX INC.	2022250858	MERCK PATENT GMBH
2021439970	VERU INC.	2022250961	KOMATSU LTD.
2021440146	XERO LIMITED	2022251171	NIANTIC, INC.
2021440674	POCAI, R.	2022251179	REACTON FIRE SUPPRESSION LTD
2021441830	THE COCA-COLA COMPANY; CHANGCHUN MEIHE SCIENCE AND TECHNOLOGY DEVELOPMENT CO., LTD.	2022251206	DEPUY SYNTHES PRODUCTS, INC.
2021442090	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2022251249	BGI SHENZHEN; BGI SHENZHEN GROUP HOLDINGS CO., LIMITED
2021442398	CJ CHEILJEDANG CORPORATION	2022251301	DEPUY SYNTHES PRODUCTS, INC.
2021442655	CJ CHEILJEDANG CORPORATION	2022251756	NERVIANO MEDICAL SCIENCES S.R.L.
2021442659	LEE, T.	2022251814	MICROWAVE CHEMICAL CO., LTD.
2021443567	CUMULUS NEUROSCIENCE LTD	2022251923	CAMBRIDGE ENTERPRISE LIMITED; KYMAB LIMITED
2021443607	CJ CHEILJEDANG CORPORATION	2022251934	CEVA SANTE ANIMALE
2021443976	ROVI GUIDES, INC.	2022251938	UNIVERSITE DE VERSAILLES-SAINT-QUENTIN-EN-YVELINES; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; BUREAU D'ÉTUDES BIOLOGIQUES SCIENTIFIQUES ET MÉDICALES
2021444145	POLYMER TECHNOLOGIES LIMITED	2022252002	JELLY DROPS LIMITED
2021444376	MCAL THERAPEUTICS INC.	2022252042	NJORD INTERNATIONAL AB
2021444378	BAYOU SURGICAL, INC.	2022252069	MYND LIFE SCIENCES INC.; THE UNIVERSITY OF BRITISH COLUMBIA
2021444485	10XBETA	2022252098	AFRICAN RAINBOW MINERALS LIMITED
2021444489	CARGILL, INCORPORATED	2022252150	NEURONOFF, INC.
2021445874	BARD PERIPHERAL VASCULAR, INC.	2022252256	PYLES, S.T.
2021445958	SH GROUP A/S	2022252396	TIBA BIOTECH LLC
2021445975	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2022252507	TAN, S.
2021446333	BARD PERIPHERAL VASCULAR, INC.	2022252964	UNIVERSITÄT BASEL
2021446709	BARD PERIPHERAL VASCULAR, INC.	2022252970	DYSON TECHNOLOGY LIMITED
2021446719	UOP LLC	2022252985	MOLECULAR PARTNERS AG
2021446919	BARD PERIPHERAL VASCULAR, INC.	2022253019	REVOLUTION MEDICINES, INC.
2021447102	ZHEJIANG SHUYOU SURGICAL INSTRUMENT CO., LTD.	2022253256	ARTIVA BIOTHERAPEUTICS, INC.; GC CELL CORPORATION
2021447507	FRESENIUS MEDICAL CARE HOLDINGS, INC.	2022253450	BRISTOL-MYERS SQUIBB COMPANY
2021447805	HASS CO., LTD.	2022253474	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2021448087	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2022253611	UNICET BIOTECH CO. LLC
2021448197	ZHAOTAI IMMUGENE BIOMEDICINE (HONG KONG) LIMITED	2022253728	GLOBALFORCE IP LIMITED
2021448991	SEKISUI HOUSE, LTD.	2022253780	THIUS CANADA INC.
2021451130	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2022253889	ARTIVA BIOTHERAPEUTICS, INC.; GC CELL CORPORATION
2021455367	NIPPON STEEL CORPORATION	2022253942	ABZERO SRL
2021457255	HALLIBURTON ENERGY SERVICES, INC.	2022254307	JONES, F.M.
2021458490	TERRAPOWER, LLC	2022254384	HOSOKAWA YOKO CO., LTD.
2021463035	HALLIBURTON ENERGY SERVICES, INC.	2022254538	CHIYODA CORPORATION; GRIDINC
2021463477	JIANGSU HENGTONG POWER CABLE CO., LTD	2022254568	SUMITOMO PHARMA CO., LTD.
2022232523	BRISTOL-MYERS SQUIBB COMPANY	2022254672	EPIODYNE, INC.
2022241765	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES	2022254689	ARTIVA BIOTHERAPEUTICS, INC.; GC CELL CORPORATION
2022246607	JANSSSEN BIOTECH, INC.	2022254718	DELFI DIAGNOSTICS, INC.
2022246652	PREVENT BIOMETRICS, INC.	2022254741	TACHYON THERAPEUTICS, INC.; CELGENE CORPORATION
2022246811	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2022254765	SPACE BALLOON TECHNOLOGIES CORP.
2022246896	LYFE CHNG, LLC	2022254775	NIRAXX, INC.
2022247290	FISCH, M.	2022254783	CLAUSEHOUND INC.
2022247328	VSPC PTY LTD.	2022254978	ARTIVA BIOTHERAPEUTICS, INC.; GC CELL CORPORATION
2022247450	NIANTIC, INC.	2022255045	SPOTLIGHT THERAPEUTICS
2022247502	MARKER HOLDINGS AG	2022255143	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2022248440	ASAHI GROUP HOLDINGS, LTD.	2022255180	SENTI BIOSCIENCES, INC.
2022249183	ESE CARBON, INC.	2022255251	AUSTRALIAN VANADIUM LIMITED
2022249281	OD THERAPEUTICS LIMITED	2022255371	MUÑOZ SAIZ, M.
2022249354	TERAIMMUNE, INC.	2022255470	SNBC INC.
2022249824	C.N.C.C.S. S.C.A.R.L. COLLEZIONE NAZIONALE DEI COMPOSTI CHIMICI E CENTRO SCREENING; IRBM S.P.A.		

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

2022255844	DENKA COMPANY LIMITED	2022264784	AMGEN INC.
2022256052	VENTUS THERAPEUTICS U.S., INC.	2022264913	MODERN MEADOW, INC.
2022256458	RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL	2022265032	WIGEN BIOMEDICINE TECHNOLOGY (SHANGHAI) CO., LTD.
2022256594	KYLONOVA (XIAMEN) BIOPHARMA CO., LTD.	2022265180	HUAWEI TECHNOLOGIES CO., LTD.
2022256767	OCADO INNOVATION LIMITED	2022265461	NANYANG TECHNOLOGICAL UNIVERSITY; NANYANG HERBS PTE. LTD.
2022256967	RAIN SCIENTIFIC, INC.	2022265534	INHERITING EARTH LIMITED
2022257090	ESCO GROUP LLC	2022265547	METSO FINLAND OY
2022257109	USG INTERIORS, LLC	2022265553	QUANDELA
2022257156	TUOJIE BIOTECH (SHANGHAI) CO., LTD.	2022265690	WONDERLAND SWITZERLAND AG
2022257270	WELLTEC OILFIELD SOLUTIONS AG	2022265712	BOOZ ALLEN HAMILTON INC.
2022257278	UCB BIOPHARMA SRL	2022265730	PLIANT THERAPEUTICS, INC.
2022257469	WAKUNAGA PHARMACEUTICAL CO., LTD.	2022265959	LIU, S.
2022257559	PPG INDUSTRIES OHIO, INC.	2022266040	INERATEC GMBH
2022257615	SUPERCRITICAL FLUID TECHNOLOGIES, INC.	2022266057	CENTRO DE INVESTIGACIONES ENERGÉTICAS, MEDIOAMBIENTALES Y TECNOLÓGICAS, O.A., M.P.; CONSORCIO CENTRO DE INVESTIGACIÓN BIOMÉDICA EN RED; FUNDACIÓN INSTITUTO DE INVESTIGACIÓN SANITARIA FUNDACIÓN JIMÉNEZ DÍAZ
2022258164	WISBIOM (BEIJING) BIOTECHNOLOGY CO., LTD.	2022266075	INHERITING EARTH LIMITED
2022258299	MEDIMMUNE, LLC	2022266118	SIKA TECHNOLOGY AG
2022258350	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	2022266180	ADAMA MAKHTESHIM LTD.
2022258668	DIRECT CARBON AB	2022266352	NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE
2022259250	SICHUAN HAISCO PHARMACEUTICAL CO., LTD.	2022266383	JAPAN SCIENCE AND TECHNOLOGY AGENCY
2022259332	WILHELM LAYHER VERWALTUNGS-GMBH	2022266455	CJ CHEILJEDANG CORPORATION
2022259338	RINGTVED, S.	2022266457	SAMYANG HOLDINGS CORPORATION
2022259416	U1 BIO, INC.; NELLES, D.A.	2022266501	SAMYANG HOLDINGS CORPORATION
2022259546	ANJARIUM BIOSCIENCES AG	2022266611	FACTOR BIOSCIENCE INC.
2022259633	NICOVENTURES TRADING LIMITED	2022266779	PEOPLE CENTER, INC.
2022259675	KIMBERLY-CLARK WORLDWIDE, INC.	2022267004	BIOLOG-ID
2022260043	ALCHEMAB THERAPEUTICS LTD	2022267023	FLORATEK PHARMA SA
2022260070	SHIN-ETSU CHEMICAL CO., LTD.	2022267027	OCADO INNOVATION LIMITED
2022260108	AKZO NOBEL COATINGS INTERNATIONAL B.V.	2022267198	CJ CHEILJEDANG CORPORATION
2022260264	MEINDERS, C.	2022267299	INSURANCE SERVICES OFFICE, INC.
2022260846	NATCO PHARMA LIMITED	2022267323	RAREBIRD, INC.
2022261011	WIGEN BIOMEDICINE TECHNOLOGY (SHANGHAI) CO., LTD.	2022267325	DENALI THERAPEUTICS INC.
2022261123	OCUPHIRE PHARMA, INC.	2022267402	SMITH, C.
2022261152	AUTOMATON, INC.	2022267568	INNOVENT BIOLOGICS (SUZHOU) CO., LTD.
2022261268	GUANGDONG FAPON BIOPHARMA INC.	2022267774	NORTON (WATERFORD) LIMITED
2022261488	ALCON INC.	2022267801	VALCUN BV
2022262409	FUSION PHARMACEUTICALS INC.	2022267874	ACERGY FRANCE SAS
2022262420	RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL	2022267875	DMAT S.R.L.
2022262455	SABRA MEDICAL, INC.	2022268094	TAISEI KAKO CO., LTD.; CHUGAI SEIYAKU KABUSHIKI KAISHA
2022262535	KOWA COMPANY, LTD.	2022268139	CJ CHEILJEDANG CORPORATION
2022262647	O3 WORLDWIDE, INC.	2022268146	SANQUIN IP B.V.
2022262741	ENDOGENEX, INC.	2022268160	CJ CHEILJEDANG CORPORATION
2022262850	BIOCONIX PTY LTD	2022268265	FAST PIPE LINING, INC.
2022262853	TERRA STUDIO LTD.	2022268411	GRAINCORP LIMITED
2022263008	SHIN-ETSU CHEMICAL CO., LTD.	2022268461	QINGDAO KINGAGROOT CHEMICAL COMPOUND CO., LTD.
2022263178	SEATRIUM (SG) PTE. LTD.	2022268546	NEXTCHEM TECH S.P.A.
2022263656	ABUNDIA BIOMASS-TO-LIQUIDS LIMITED	2022268597	STEGO HOLDING GMBH
2022263700	HYSLINK THERAPEUTICS	2022268599	SOLTEC INNOVATIONS, S.L.
2022263847	TFI MARINE LIMITED	2022268868	CATERPILLAR INC.
2022263900	NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE	2022268900	PETRA PHARMA CORPORATION
2022263947	AGILENT TECHNOLOGIES, INC.	2022268903	R.P. SCHERER TECHNOLOGIES, LLC
2022263989	OWENS-BROCKWAY GLASS CONTAINER INC.	2022268923	CAREFUSION 303, INC.
2022264037	OCUPHIRE PHARMA, INC.	2022268925	AVILAR THERAPEUTICS, INC.
2022264041	AMARIN PHARMACEUTICALS IRELAND LIMITED	2022268968	CELGENE CORPORATION
2022264043	LABORATORY CORPORATION OF AMERICA HOLDINGS	2022268975	ARCTURUS THERAPEUTICS, INC.
2022264059	TEAL BIO, INC.	2022268979	SALUS DISCOVERY, LLC; FLAMBEAU DIAGNOSTICS, LLC
2022264072	MARK GILBERT IP PTY LTD	2022269029	CARGILL, INCORPORATED
2022264073	NOBLE HOUSE GROUP PTY. LTD.	2022269034	VIGIL NEUROSCIENCE, INC.
2022264154	CJ CHEILJEDANG CORPORATION	2022269040	SURVIVON LTD
2022264328	THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC.	2022269100	THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH
2022264407	CJ CHEILJEDANG CORPORATION	2022269139	ALPINE IMMUNE SCIENCES, INC.
2022264496	CAREFUSION 303, INC.		
2022264681	BOXABL INC.		
2022264702	SIMPSON STRONG-TIE COMPANY INC.		
2022264715	SYNTHETEX, LLC		
2022264754	SIEMENS GAMESA RENEWABLE ENERGY INNOVATION & TECHNOLOGY S.L.		

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

2022269296	CAPTANA GMBH	2022274154	NYKODE THERAPEUTICS ASA
2022269344	LINDBELLS LIMITED	2022274163	LANXESS DEUTSCHLAND GMBH
2022269396	FISHER & PAYKEL HEALTHCARE LIMITED	2022274607	GILEAD SCIENCES, INC.; VIR BIOTECHNOLOGY, INC.
2022269405	NOVARTIS AG	2022274611	COLGATE-PALMOLIVE COMPANY
2022269493	ORGANOCLICK AB	2022274749	CONSTELLIUM ROLLED PRODUCTS RAVENSWOOD, LLC
2022269545	CATERPILLAR INC.	2022274750	PLUTON BIOSCIENCES, INC.
2022269568	NUVATION BIO INC.	2022274771	LOXO ONCOLOGY, INC.
2022269576	GAS TECHNOLOGY INSTITUTE	2022274825	COLGATE-PALMOLIVE COMPANY
2022269594	NURIX THERAPEUTICS, INC.	2022275067	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2022269596	CONSTELLATION PHARMACEUTICALS, INC.	2022275120	ADDEX PHARMA S.A.
2022269597	GRAVITY POWER, LLC	2022275224	BIOMICA LTD.
2022269614	PACIFIC BIOSCIENCES OF CALIFORNIA, INC.	2022275291	BAYER AKTIENGESELLSCHAFT
2022269640	JOHN MEZZALINGUA ASSOCIATES, LLC	2022275592	I-SENS, INC.
2022269684	HARRISON, R.	2022275684	BIOVIE INC.
2022269686	AURORA HYDROGEN INC.	2022275694	ALKAHEST, INC.
2022269811	JAZZ PHARMACEUTICALS IRELAND LIMITED	2022275939	AMYRIAD PHARMA, INC.
2022269959	CHUGAI SEIYAKU KABUSHIKI KAISHA	2022275961	EDWARDS LIFESCIENCES CORPORATION
2022270029	PHOENIX TAILINGS INC.	2022275977	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
2022270061	MERCK SHARP & DOHME LLC	2022276018	PAIGE.AI, INC.
2022270082	NOVAVAX, INC.	2022276046	CERAMIC DATA SOLUTIONS GMBH
2022270089	NURIX THERAPEUTICS, INC.	2022276086	AB SCIENCE
2022270115	MERCK SHARP & DOHME LLC	2022276114	ARLA FOODS AMBA
2022270131	ZOETIC EQUIPMENT GROUP	2022276123	ESOCAP AG
2022270196	NITE IZE, INC.	2022276735	TELEFLEX MEDICAL INCORPORATED
2022270210	BASF AGRICULTURAL SOLUTIONS SEED US LLC; UNIVERSITY OF SOUTHERN CALIFORNIA	2022277254	REMEGEN CO., LTD.
2022270361	IMMATICS BIOTECHNOLOGIES GMBH	2022277285	UNIVERSITY OF UTAH RESEARCH FOUNDATION
2022270395	ORGANON R&D FINLAND LTD	2022277574	BOSTON SCIENTIFIC SCIMED, INC.
2022270657	TENAYA THERAPEUTICS, INC.	2022277606	KLAUS MULTIPARKING GMBH
2022270658	BIONTECH SE; INSTADEEP LTD	2022277623	ABLIVA AB; YUNGJIN PHARM CO., LTD
2022270683	ARCTURUS THERAPEUTICS, INC.	2022277806	XINTELA AB
2022270884	NORTON (WATERFORD) LIMITED	2022277913	KLEE, T.
2022270897	INVENTIO AG	2022277951	UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION; ATTRALUS, INC.
2022270947	MEDIGENE IMMUNOTHERAPIES GMBH	2022278446	REPIPER AB
2022270952	FUNDACIÓ DE RECERCA CLINIC BARCELONA-INSTITUT D'INVESTIGACIONS BIOMÈDIQUES AUGUST PI I SUNYER; HOSPITAL CLÍNIC DE BARCELONA; UNIVERSITAT DE BARCELONA	2022278631	ESOCAP AG
2022270977	SUBSEA 7 LIMITED	2022278636	LEO PHARMA A/S
2022271004	TEMPLE THERAPEUTICS BV	2022278673	ARQIT LIMITED
2022271222	GCP APPLIED TECHNOLOGIES INC.	2022278693	STOCKFORD LTD
2022271249	BIONTECH SE; INSTADEEP LTD	2022278841	NIPPON STEEL CORPORATION
2022271263	ARCTURUS THERAPEUTICS, INC.	2022279158	CARGILL, INCORPORATED
2022271299	LUNG BIOTECHNOLOGY PBC	2022279165	BOSTON SCIENTIFIC SCIMED, INC.
2022271350	THE UNIVERSITY OF MELBOURNE; ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY	2022279728	NOVARTIS AG
2022271352	EELO GROUP PTY LTD	2022279933	BECTON, DICKINSON AND COMPANY
2022271362	THE UNIVERSITY OF BRITISH COLUMBIA	2022280070	C4 THERAPEUTICS, INC.
2022271540	JUMBO DRUG BANK CO., LTD.	2022280097	STRATATECH CORPORATION
2022271549	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.	2022280373	3D SYSTEMS, INC.
2022271619	UNIVERSITÉ DE LORRAINE; CENTRE HOSPITALIER REGIONAL UNIVERSITAIRE NANCY (CHRU)	2022280388	FISHER & PAYKEL HEALTHCARE LIMITED
2022271681	BIOMICA LTD.	2022280712	ZEBRA TECHNOLOGIES CORPORATION
2022271682	UPL LIMITED	2022280842	BEIJING TRICISIONBIO THERAPEUTICS INC.
2022271844	GEORGETOWN UNIVERSITY	2022280878	WESTROCK PACKAGING SYSTEMS, LLC
2022272005	ADDEX PHARMA S.A.	2022280907	MODIT THERAPEUTICS BEIJING LIMITED
2022272251	CARMOT THERAPEUTICS INC.	2022281230	ZEBRA TECHNOLOGIES CORPORATION
2022272307	APPLIED BIOMEDICAL SCIENCE INSTITUTE	2022281244	ZEBRA TECHNOLOGIES CORPORATION
2022272465	NOVOPRESS GMBH PRESSEN UND PRESSWERKZEUGE & CO. KG	2022281293	ZEBRA TECHNOLOGIES CORPORATION
2022272704	EVOPOINT BIOSCIENCES CO., LTD.	2022281319	LIVEPERSON, INC.
2022272979	COLGATE-PALMOLIVE COMPANY	2022281425	STRATATECH CORPORATION
2022273039	BIOLIFE SOLUTIONS, INC.	2022281966	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
2022273108	PALFINGER AG	2022282004	CASALE SA
2022273521	LEOLABS, INC.	2022282440	GENENTECH, INC.
2022273536	BECTON, DICKINSON AND COMPANY	2022282461	STRATATECH CORPORATION
2022273692	PHARMAZZ, INC.	2022282642	FURRER + FREY AG
2022273737	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.	2022283176	C.R.BARD, INC.
2022273844	TECFORLIME	2022283315	REMEGEN CO., LTD.
2022273866	CHIMERIX, INC.	2022283328	SUNSHINE LAKE PHARMA CO., LTD.
		2022283448	FILTRATION TECHNOLOGY CORPORATION
		2022283584	BIONTECH SE
		2022283936	ABBOTT DIABETES CARE INC.
		2022284293	SOUNDSHELL AS

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

2022284629	NIRICSON SOFTWARE INC.	2022333536	HEART OF AUSTRALIA PTY LTD
2022284893	ALTO NEUROSCIENCE, INC.	2022337099	NAYAX LTD.
2022285560	CANDELA CORPORATION	2022337737	HENAN YUEXIN INTELLIGENT MACHINERY CO., LTD
2022285871	QIAGEN GMBH		
2022286441	UNIVERSITY OF SOUTHERN CALIFORNIA	2022376204	PARK, G.
2022287230	UNIVERSITY OF COPENHAGEN	2022408193	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2022287243	POWER STOW INTERNATIONAL APS	2022408194	CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU KERUI MINING TECHNOLOGY CO., LTD.
2022287909	RHEEM MANUFACTURING COMPANY		
2022288058	PROVIDENCE HEALTH & SERVICES - OREGON; AGONOX, INC.	2022408197	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
		2022422303	DOKA GMBH
2022288445	mitsubishi heavy industries, ltd.	2022428730	TONGWEI SOLAR (MEISHAN) CO., LTD.
2022288557	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2022434643	SPORTSMEDIA TECHNOLOGY CORPORATION
2022288587	KOHERENT OY	2022436055	ZTE CORPORATION
2022289030	DASISIMULATIONS, LLC	2022442104	mitsubishi heavy industries, ltd.; THE KANSAI ELECTRIC POWER CO., INC.
2022289431	IC TARGETS AS		
2022289480	CALIFORNIA INSTITUTE OF TECHNOLOGY	2022446848	WEDI GMBH
2022289728	NEURONASCENT, INC.	2022447622	WEDI GMBH
2022289909	INTRA-CELLULAR THERAPIES, INC.	2023205017	LG ENERGY SOLUTION, LTD.
2022290496	MICROSOFT TECHNOLOGY LICENSING, LLC	2023213443	LG ENERGY SOLUTION, LTD.
2022290630	PURENUM GMBH	2023225730	MYDECINE INNOVATIONS GROUP INC.
2022290648	ALCON INC.	2023233727	SAGE PRODUCTS LLC
2022290667	SIDHU, K.; CUNNINGHAM, C.	2023241627	BECTON, DICKINSON AND COMPANY
2022291120	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES		
2022291215	MANN+HUMMEL GMBH		
2022291849	OHMIUM INTERNATIONAL, INC.		
2022292190	VBC HOLDINGS LLC		
2022292550	ZINPRO CORPORATION		
2022292949	MICROSOFT TECHNOLOGY LICENSING , LLC		
2022292995	SOCIETE DES PRODUITS NESTLE SA		
2022293828	GTS DEUTSCHLAND GMBH		
2022294064	ACEP FRANCE		
2022294428	JFE STEEL CORPORATION		
2022295186	BLACK CAT WEAR PARTS LTD.		
2022297556	OTONEXUS MEDICAL TECHNOLOGIES, INC.		
2022297638	SOCIETE DES PRODUITS NESTLE S.A.		
2022298052	NIPPON STEEL ENGINEERING CO., LTD.		
2022298116	LG ELECTRONICS INC.		
2022299556	F. HOFFMANN-LA ROCHE AG		
2022300173	SYNGENTA CROP PROTECTION AG		
2022300184	CELGENE CORPORATION		
2022300548	PETNOW INC.		
2022300758	STORMTECH PTY LIMITED		
2022301338	BAUSCH + LOMB IRELAND LIMITED		
2022301380	ATLAS COPCO (WUXI) COMPRESSOR CO., LTD.		
2022302326	HEIDELBERG MATERIALS AG		
2022302401	ALCON INC.		
2022305413	SCINOGY PRODUCTS PTY LTD		
2022305832	SNF GROUP		
2022306036	GENESIS SYSTEMS LLC		
2022306327	ISHIHARA SANGYO KAISHA, LTD.		
2022306782	ALCON INC.		
2022307230	ALLNEX NETHERLANDS B.V.		
2022307762	SNF GROUP		
2022308331	ALLNEX NETHERLANDS B.V.		
2022308658	GENENTECH, INC.		
2022308700	ALCON INC.		
2022309606	FIDELITY INFORMATION SERVICES, LLC		
2022309967	BECTON DICKINSON FRANCE		
2022310239	TRINA SOLAR CO., LTD		
2022311324	ALCON INC.		
2022313376	MGI TECH CO., LTD.		
2022313559	ALCON INC.		
2022314276	ALCON INC.		
2022315600	ALCON INC.		
2022316344	ALCON INC.		
2022317221	BRACCO IMAGING SPA		
2022318736	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY		
2022329894	GREEN GRAPHITE TECHNOLOGIES INC.		
2022331905	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.		

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

2022275694	2022277254	2022277913	<u>A61M 39/-</u>	<u>A61P 19/-</u>	2022270082
2022277254	2022284893	2022278631			2022274154
2022277806	2022318736	2022280842	2021445874	2022256052	2022274607
2022280097		2022289480	2021446333	2022287230	2022289480
2022288058	<u>A61K 47/-</u>	2022290630	2021446709		
2022290667		2022290667	2021446919	<u>A61P 21/-</u>	<u>A61P 35/-</u>
2022291120	2022249281		2021447507		
2022318736	2022250028	<u>A61L 15/-</u>	2022262455	2022277623	2021439961
	2022250858		2022268923	2022287230	2021448197
<u>A61K 36/-</u>	2022251934	2022259675	2022279933	2022290667	2022232523
	2022252002	2022318736	2023241627		2022246607
2022268411	2022263700	<u>A61L 2/-</u>	<u>A61M 5/-</u>	<u>A61P 25/-</u>	2022249824
2022269344	2022266383			2022246896	2022251756
2022274611	2022269344	2022254775	2022268094	2022252069	2022252964
	2022271263		2022285560	2022254568	2022252985
<u>A61K 38/-</u>	2022271619	<u>A61L 27/-</u>	2022254672	2022254672	2022253256
	2022277254		2022305413	2022256052	2022253450
2022249281	2022277913	2021447805	2022309967	2022256458	2022253611
2022259250	2022278631	2022271299		2022257469	2022253889
2022261268	2022283315	2022280097	<u>A61N 1/-</u>	2022258164	2022254689
2022264913	2022290630	2022280373		2022267023	2022254978
2022267568	2022291120	2022281425	2022252256	2022267325	2022256052
2022269139		2022282461	2022256967	2022269034	2022256594
2022270683	<u>A61K 48/-</u>	2022318736	2022269100	2022271619	2022258299
2022270947				2022271844	2022261011
2022271004	2022252396	<u>A61L 9/-</u>	<u>A61N 5/-</u>	2022271844	2022263700
2022273737	2022256458			2022272005	2022265032
2022277913	2022262420	2022260070	2022252507	2022275120	2022265032
2022283328	2022266057	2022263008	2022254775	2022275939	2022265461
2022286441	2022266383	<u>A61M 1/-</u>	<u>A61P 1/-</u>	2022277951	2022266383
2022287230	2022266611			2022284893	2022267023
				2022290667	2022268146
<u>A61K 39/-</u>	<u>A61K 49/-</u>	2021447507	2022258164	2022290667	2022268900
		2022256967	2022266057	2022299556	2022268968
2021439970	2022289431	2022277574	2022268411	<u>A61P 27/-</u>	2022269568
2022241765			2022271681		2022269594
2022246607	<u>A61K 51/-</u>	<u>A61M 11/-</u>	2022275694	2022249824	2022269596
2022246811			2022290630	2022250028	2022270089
2022251923	2022262409	2022267774	<u>A61P 11/-</u>	2022256052	2022270361
2022251938	2022271362			2022261123	2022270395
2022252985	<u>A61K 6/-</u>	<u>A61M 15/-</u>	2022249824	2022264037	2022270947
2022253256			2022256052	2022290667	2022271540
2022253611	2021447805	2021444485	2022267774	2022299556	2022271549
2022253889	<u>A61K 8/-</u>	<u>A61M 16/-</u>	2022273692	<u>A61P 29/-</u>	2022272704
2022254689			2022299556		2022273737
2022254978	2021444376	2022269396	<u>A61P 13/-</u>	2022249824	2022273866
2022255844	2022264913	2022276735		2022256052	2022274154
2022258299	2022272979	2022280388	2022257469	2022269139	2022276086
2022268146	2022274611	<u>A61M 25/-</u>	2022269405	2022270115	2022279728
2022268903	2022277806		2022290630		2022280070
2022270082	<u>A61K 9/-</u>	2021445874	<u>A61P 15/-</u>	<u>A61P 31/-</u>	2022282440
2022270361		2022256967			2022283315
2022270947	2022246896	2022262455	2022251934	2022249824	2022288058
2022270952	2022250028	2022275961	2022275224	2022256052	2022291120
2022271263	2022250858	2022279933	<u>A61P 17/-</u>	2022256594	2022299556
2022271844	2022251934	2022283176		2022257469	<u>A61P 37/-</u>
2022273737	2022261123	2023241627	2022250858	2022262535	
2022274154	2022264037	<u>A61M 3/-</u>	2022256052	2022267568	2022246811
2022274607	2022265730		2022257469	2022270657	2022249354
2022277254	2022266383	<u>A61M 31/-</u>	2022259250	2022272251	2022249824
2022277951	2022266457		2022264913	2022283328	2022252964
2022288058	2022266501	2022277574	2022274611	2022287230	2022256052
2022289480	2022267568	<u>A61M 31/-</u>	2022277806	<u>A61P 31/-</u>	2022258164
	2022268411		2022280097		2022269139
<u>A61K 45/-</u>	2022269344	2022252507	2022281425	2022246811	<u>A61P 41/-</u>
	2022271619	2022276123	2022299556	2022250858	
2022253474	2022271681	<u>A61M 37/-</u>	2022318736	2022251938	2022271004
2022254568	2022274611			2022253450	2022290630
2022258164	2022276123	2022285560		2022256052	
2022262535	2022277806			2022256594	<u>A61P 43/-</u>
2022266383				2022257156	
2022273692					2022251923
2022276086					

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

2022254568	2022266075	2022269576	<u>B29C 63 /-</u>	<u>B60M 1 /-</u>	<u>B64D 1 /-</u>
2022257469	2022283448				
2022262535		<u>B02C 19 /-</u>	2022278446	2022282642	2022284629
2022269811	<u>B01D 35 /-</u>				
2022277254		2022274163	<u>B29C 64 /-</u>	<u>B60N 2 /-</u>	<u>B64F 1 /-</u>
2022277623	2022283448				
	<u>B01D 39 /-</u>	<u>B03C 1 /-</u>	2022267801	2022265690	2022256767
<u>A61P 7 /-</u>			2022271299		
	<u>B01D 39 /-</u>	2022255251	2022271352	<u>B60P 3 /-</u>	<u>B65B 25 /-</u>
2022249824	2022291215				
2022256594		<u>B03D 1 /-</u>	<u>B29C 65 /-</u>	2022337737	2022264407
	<u>B01D 46 /-</u>	2022255251	2022279158	<u>B60R 16 /-</u>	2022266455
<u>A61P 9 /-</u>					2022267198
	2022291215	<u>B04C 5 /-</u>	<u>B29D 22 /-</u>	2022376204	2022268160
2022249824		2022255251	2022254765		
2022256052	<u>B01D 53 /-</u>	2022257615		<u>B60R 19 /-</u>	<u>B65B 55 /-</u>
2022256594					
2022262535	2022258668				2022264407
2022265730	2022282004	<u>B21D 39 /-</u>	<u>B31B 70 /-</u>	2022302401	2022266455
2022270657	2022442104				2022267198
2022299556		2022272465	2022279158	<u>B60R 25 /-</u>	2022268160
	<u>B01D 71 /-</u>				
		<u>B22F 5 /-</u>	<u>B32B 27 /-</u>	2021437094	<u>B65D 21 /-</u>
<u>A61Q 11 /-</u>	2022291215				
		2022280373	2022292995	<u>B60T 17 /-</u>	2022267027
2022269344	<u>B01F 101 /-</u>				
		<u>B25B 15 /-</u>	<u>B32B 7 /-</u>	2022408193	<u>B65D 30 /-</u>
<u>A61Q 19 /-</u>	2022305413	2022267402	2022292995	<u>B61L 23 /-</u>	2022254384
2022272979	<u>B01F 23 /-</u>				
2022274611		<u>B25B 21 /-</u>	<u>B33Y 10 /-</u>	2022293828	<u>B65D 33 /-</u>
2022277806	2022268979	2022267402	2022267801	<u>B61L 25 /-</u>	2022254384
	2022305413		2022271299		
<u>A61Q 5 /-</u>		<u>B25B 23 /-</u>	2022280373	2022293828	<u>B65D 6 /-</u>
	<u>B01F 31 /-</u>				
2022272979		2022267402	<u>B33Y 30 /-</u>	<u>B61L 27 /-</u>	2022267027
	2022283584				
<u>A62B 18 /-</u>		<u>B25B 27 /-</u>	2022267801	2022293828	<u>B65D 65 /-</u>
	<u>B01F 33 /-</u>		2022271352		
2022264059		2022272465		<u>B62D 53 /-</u>	2022267027
	2022305413				
<u>A62B 23 /-</u>		<u>B25C 1 /-</u>	<u>B33Y 80 /-</u>	2022333536	<u>B65D 71 /-</u>
	<u>B01F 35 /-</u>				
2022276735		2022253728	2022271299	<u>B62D 55 /-</u>	2022280878
	2022305413		2022280373		
<u>A62B 35 /-</u>		<u>B25C 5 /-</u>	<u>B60B 1 /-</u>	2022250961	<u>B65D 75 /-</u>
	<u>B01J 19 /-</u>			2022268868	
2022270196		2022253728	2022249183		2022279158
	2022269686			<u>B63B 1 /-</u>	
<u>A62C 37 /-</u>		<u>B25D 17 /-</u>	<u>B60B 3 /-</u>	2022263178	<u>B65D 77 /-</u>
	<u>B01J 23 /-</u>				
2022251179		2022249960	2022249183	<u>B63B 21 /-</u>	2022267027
	2022260070				
<u>A63B 102 /-</u>	2022263008	<u>B25F 1 /-</u>	<u>B60B 33 /-</u>	2022263178	<u>B65G 1 /-</u>
				2022263847	
2022434643	<u>B01J 29 /-</u>	2022267402	2022302401		2022256767
					2022269684
<u>A63B 71 /-</u>	2022282004	<u>B25J 18 /-</u>	<u>B60B 5 /-</u>	<u>B63B 25 /-</u>	
2022434643	<u>B01J 35 /-</u>	2022265959	2022249183	2021445958	<u>B65G 13 /-</u>
<u>A63F 13 /-</u>	2022260070	<u>B25J 9 /-</u>	<u>B60F 5 /-</u>	<u>B64B 1 /-</u>	2022287243
	2022263008				
2022247450		2022290648	2022253780	2022254765	<u>B65G 21 /-</u>
	<u>B01J 37 /-</u>				
<u>B01D 19 /-</u>		<u>B29C 39 /-</u>	<u>B60K 7 /-</u>	<u>B64C 27 /-</u>	2022287243
	2022260070				
2022257615	2022263008	2022280373	2022253780	2022253780	<u>B65G 33 /-</u>
<u>B01D 27 /-</u>	<u>B01J 4 /-</u>	<u>B29C 48 /-</u>	<u>B60L 5 /-</u>	<u>B64C 39 /-</u>	2022271352
2022283448	2022265547	2022267801	2022337737	2022253780	<u>B65G 45 /-</u>
		2022271352		2022253942	
<u>B01D 29 /-</u>	<u>B01J 8 /-</u>			2022284629	2022264072
2022265534	2022266040				

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

<u>B66B 11 /-</u>		2022274771		<u>C07D 471 /-</u>	
2022270897	<u>C04B 2 /-</u>		<u>C07D 277 /-</u>	2022249824	<u>C07H 19 /-</u>
<u>B66B 19 /-</u>	2022273844	<u>C07C 57 /-</u>	2022254672	2022251756	2022251249
2022270897	<u>C04B 28 /-</u>	2022252069	<u>C07D 307 /-</u>	2022253019	<u>C07H 21 /-</u>
<u>B66C 13 /-</u>	2022267875	2022305832	2022254672	2022253450	2022251249
2022273108	20222302326	<u>C07C 61 /-</u>	2022265461	2022256052	2022266383
2022408193	<u>C04B 35 /-</u>	2022274771	<u>C07D 311 /-</u>	2022269568	<u>C07J 1 /-</u>
2022408197	2021447805	<u>C07D 205 /-</u>	2022267023	2022269594	2022275684
<u>B66C 23 /-</u>	<u>C04B 40 /-</u>	2022300184	2022268900	2022269811	<u>C07K 1 /-</u>
2022265959	2022266118	<u>C07D 207 /-</u>	<u>C07D 317 /-</u>	2022270089	<u>C07K 14 /-</u>
2022273108	2022302326	2022271540	2023225730	2022270395	2022275977
<u>B67D 7 /-</u>	<u>C07B 59 /-</u>	<u>C07D 209 /-</u>	<u>C07D 333 /-</u>	2022271540	
2022270131	2022262409	2022252069	2022254672	2022272704	
<u>B82Y 15 /-</u>	<u>C07C 1 /-</u>	2022300184	<u>C07D 401 /-</u>	2022271549	
2022269614	2022266040	<u>C07D 211 /-</u>	2022252964	2022272704	2022269959
<u>C01B 17 /-</u>	<u>C07C 215 /-</u>	2022270395	2022253450	2022273866	2022275977
2022265547	2022280842	2022299556	2022261011	2022275939	
<u>C01B 21 /-</u>	<u>C07C 225 /-</u>	<u>C07D 213 /-</u>	2022265730	2022289728	
2022282004	2022268975	2022254672	2022268968	2022289909	
<u>C01B 3 /-</u>	<u>C07C 231 /-</u>	2022254741	2022269594	<u>C07D 487 /-</u>	2021439961
2022269686	2022305832	2022271362	2022270061	2022232523	2022246811
2022291849	<u>C07C 233 /-</u>	<u>C07D 215 /-</u>	2022270089	2022259416	2022249281
<u>C01B 32 /-</u>	2022305832	2022264784	2022270115	2022259546	2022262420
2022257559	<u>C07C 237 /-</u>	<u>C07D 217 /-</u>	2022270395	2022264328	2022268146
2022269686	2022254672	2022253019	2022272005	2022268925	2022269139
2022329894	2022274771	<u>C07D 231 /-</u>	2022270061	2022270082	2022270210
<u>C01G 23 /-</u>	<u>C07C 29 /-</u>	2022306327	2022270115	2022270210	2022270361
2022260070	2021441830	<u>C07D 237 /-</u>	2022270395	2022270947	2022271362
2022263008	<u>C07C 309 /-</u>	2022256052	2022280070	2022271362	2022272251
<u>C02F 1 /-</u>	2022300184	2022272005	<u>C07D 403 /-</u>	2022272251	2022274750
2022265547	<u>C07C 31 /-</u>	<u>C07D 239 /-</u>	2022251756	2022277951	2022277951
<u>C03B 5 /-</u>	2021441830	2022254672	2022252964	2022283328	2022286441
2022263989	<u>C07C 311 /-</u>	<u>C07D 241 /-</u>	2022267325	2022286441	2022287230
<u>C03C 12 /-</u>	2022282440	2022270115	2022272005	2022288058	2022288058
2021437878	<u>C07C 323 /-</u>	<u>C07D 249 /-</u>	2022280070	2022289480	
<u>C03C 3 /-</u>	2022280842	2022306327	<u>C07D 405 /-</u>		
2021437878	<u>C07C 51 /-</u>	<u>C07D 253 /-</u>	2022254568	<u>C07D 491 /-</u>	<u>C07K 16 /-</u>
2022263989	2022269034	2022270395	2022256052	2022270395	2021439961
<u>C04B 103 /-</u>	<u>C07C 55 /-</u>	<u>C07D 263 /-</u>	2022270395	2022270395	2021439970
2022266118	2022247328	2022282440	<u>C07D 407 /-</u>	<u>C07D 498 /-</u>	2022246607
2022302326	20222305832	<u>C07D 257 /-</u>	2022268900	2022253019	2022251923
<u>C04B 111 /-</u>	2022247328	2022317221	2022268900	2022253450	2022252985
2022266118	2022268975	2022282440	2022269596	2022261011	2022253256
			2022270061	2022269811	2022253889
			2022270395	2022270395	2022254689
			<u>C07D 417 /-</u>	2022282440	2022254978
			2022251756	<u>C07D 513 /-</u>	2022257278
			2022268900	2022269811	2022258299
			2022270089	2022270395	2022259546
			2022270115	2022269811	2022261268
			2022270395	2022270395	2022268146
			<u>C07D 419 /-</u>	<u>C07D 515 /-</u>	2022268903
			2022251756	2022269811	2022268925
			2022268900	2022270361	2022270361
			2022270089	2022269811	2022270952
			2022270115	<u>C07F 5 /-</u>	2022271362
			2022270395	2022257156	2022272307
			<u>C07F 9 /-</u>	2022317221	2022273737
				2022252069	2022278636
					2022291120

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

<u>C07K 19 /-</u>	<u>C08L 71 /-</u>	<u>C11C 1 /-</u>	<u>C12P 13 /-</u>	<u>C22B 34 /-</u>	<u>E01C 9 /-</u>
2022241765	2022271222			2022255251	2022300758
2022259546		2022292550	2021442398		
2022273536	<u>C08L 91 /-</u>		2021442655	<u>C22B 7 /-</u>	<u>E01D 15 /-</u>
<u>C07K 5 /-</u>	2022269029	<u>C12C 11 /-</u>	2021443607	2022270029	2022255470
		2022248440	2022250692		
2022259250	<u>C09D 163 /-</u>		2022305832	<u>C22C 21 /-</u>	<u>E01D 19 /-</u>
2022263700	2022260108	<u>C12C 12 /-</u>		2022274749	2022300758
2022269959		2022248440	<u>C12P 21 /-</u>		
2022271263	<u>C09D 171 /-</u>		2022257278	<u>C22C 38 /-</u>	<u>E02B 11 /-</u>
<u>C07K 7 /-</u>	2022271222	<u>C12H 3 /-</u>	<u>C12P 39 /-</u>	2022278841	2022300758
		2022248440	2022271681	<u>C22C 45 /-</u>	<u>E02B 9 /-</u>
2022255844	<u>C09D 181 /-</u>		2022275224	2022278841	2022259338
2022269959	2022260108	<u>C12N 1 /-</u>			
2022270947		2022258164	<u>C12P 7 /-</u>	2022278841	<u>E02D 27 /-</u>
<u>C08B 37 /-</u>	<u>C09D 5 /-</u>	2022274750	2022305832	<u>C22F 1 /-</u>	
	2022260108	<u>C12N 15 /-</u>		2022274749	2021448991
2022301338			<u>C12Q 1 /-</u>	<u>C23C 14 /-</u>	<u>E02F 9 /-</u>
<u>C08F 20 /-</u>	<u>C09D 7 /-</u>	2021439961	2022247502	2022263947	2022250961
	2022260108	2021442398	2022251249	2022269040	2022257090
2022305832		2021442655	2022254718		2022295186
<u>C08G 18 /-</u>	<u>C09J 105 /-</u>	2021443607	2022264043	<u>C23C 16 /-</u>	
	2022269493	2022253611	2022269614	2022269040	<u>E03B 7 /-</u>
2022307230		2022255045	2022283936	2022428730	2021444145
2022308331	<u>C09J 11 /-</u>	2022255180	2022313376	<u>C23C 2 /-</u>	<u>E03D 9 /-</u>
<u>C08G 65 /-</u>	2022269493	2022256458		2021455367	2021440674
		2022256594	<u>C12R 1 /-</u>	<u>C23C 30 /-</u>	<u>E03F 3 /-</u>
2022271222	<u>C09J 171 /-</u>	2022259416	2022258164	2021455367	2022300758
<u>C08G 73 /-</u>	2022271222	2022262420		<u>C40B 50 /-</u>	<u>E03F 5 /-</u>
		2022264043	<u>C21B 13 /-</u>	2022275977	2022300758
2022307762	<u>C09K 101 /-</u>	2022266057		2022275977	2022446848
	2022271682	2022266383	<u>C21B 5 /-</u>	<u>D04H 1 /-</u>	2022447622
<u>C08J 3 /-</u>	<u>C09K 17 /-</u>	2022266611	2022268546	2022269493	<u>E04B 1 /-</u>
	2022271682	2022266611	2022294428	<u>D06F 33 /-</u>	2022264681
2022269493		2022268461		2022298116	<u>E04B 9 /-</u>
2022290630	<u>C09K 8 /-</u>	2022270683	<u>C21B 7 /-</u>	<u>D06F 34 /-</u>	2022257109
2022301338	2022281966	2022273536	2022268546	2022298116	<u>E04C 2 /-</u>
<u>C08K 3 /-</u>		2022273737		<u>D06F 39 /-</u>	2022264681
	<u>C09K 8 /-</u>	2022280907	<u>C21D 6 /-</u>	2022265534	<u>E04F 17 /-</u>
2022260108	2022281966	2022289480	2022268546	<u>D06F 58 /-</u>	2022270897
2022271682		2022291120		2022298116	<u>E04G 1 /-</u>
<u>C08K 5 /-</u>	<u>C10B 53 /-</u>	<u>C12N 5 /-</u>	<u>C21D 6 /-</u>	<u>D06M 10 /-</u>	2022259332
	2022254307	2021439961	2022278841	2022269040	<u>E04G 11 /-</u>
2022250692		2021448197		<u>E01C 11 /-</u>	2022422303
2022260108	<u>C10B 57 /-</u>	2022253611	<u>C22B 1 /-</u>	2022300758	<u>E04H 1 /-</u>
2022269493	2022263656	2022255180	2022252098		
<u>C08L 101 /-</u>	2022298052	2022257278	2022255251		
		2022268146	2022270029		
2022271222	<u>C10G 2 /-</u>	2022280907	<u>C22B 11 /-</u>		
	2022266040	2022281425	2022270029		
<u>C08L 3 /-</u>		2022288058			
	<u>C10K 3 /-</u>	2022290667	<u>C22B 15 /-</u>		
2022271682	2022263656	2022291120	2022270029		
<u>C08L 33 /-</u>		<u>C12N 7 /-</u>	<u>C22B 15 /-</u>		
	<u>C10L 9 /-</u>	2022264328	2022252098		
2022271682	2022298052	<u>C12N 9 /-</u>	<u>C22B 3 /-</u>		
<u>C08L 5 /-</u>		2021442398	2022247328		
	<u>C11B 3 /-</u>	2021442655	2022252098		
2022269493	2021444489	2021443607	2022255251		
2022290630		2022250692	2022270029		
2022301338		2022266057			
		2022273536			

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

<u>E04H 6 /-</u>	<u>F04C 29 /-</u>	<u>F23C 9 /-</u>	<u>G01N 33 /-</u>	<u>G05B 19 /-</u>	<u>G06N 20 /-</u>
2022277606	2022301380	2022269576	2022246811	2022305413	2021440146
<u>E05B 19 /-</u>	<u>F15B 15 /-</u>	<u>F23G 5 /-</u>	2022271350	<u>G05B 23 /-</u>	2021445975
2021437094	2022253728	2022254307	2022273737		2021448087
<u>E05B 49 /-</u>	<u>F16B 25 /-</u>	<u>F23G 7 /-</u>	2022291120	2022254538	2022260264
2021437094	2022264702	2022254307	<u>G01R 19 /-</u>	<u>G05D 1 /-</u>	2022270884
<u>E21B 17 /-</u>	<u>F16B 45 /-</u>	<u>F23J 1 /-</u>	2023205017	2022253942	2022271249
2022266352	2022270196	2022254307	2023213443		2022276018
<u>E21B 23 /-</u>	<u>F16F 1 /-</u>	<u>F24H 1 /-</u>	<u>G01R 29 /-</u>	<u>G05D 11 /-</u>	2022267299
2021463035	2022263847	2022287909	2022251814	2022305413	2022276018
<u>E21B 33 /-</u>	<u>F16F 15 /-</u>	<u>F24H 15 /-</u>	2022271350	<u>G05D 16 /-</u>	2022300548
2021463035	2022263847	2022287909	<u>G01R 31 /-</u>	2021444145	<u>G06N 5 /-</u>
2022257270	<u>F16F 3 /-</u>	<u>F24H 9 /-</u>	2023205017	<u>G05D 23 /-</u>	2021440146
<u>E21B 34 /-</u>	2022263847	2022268597	2023213443	2022287909	2022260264
2021457255	<u>F16G 17 /-</u>	2022287909	<u>G01R 33 /-</u>	<u>G05D 7 /-</u>	<u>G06Q 10 /-</u>
2021463035	2022270196	2022287909	2022289431	2022305413	2021442659
<u>E21B 37 /-</u>	<u>F16L 1 /-</u>	<u>F27B 1 /-</u>	<u>G01S 13 /-</u>	<u>G05F 7 /-</u>	2022266779
2021457255	2022264715	2022273844	2022273521	2021444145	2022269296
<u>E21B 43 /-</u>	<u>F16L 15 /-</u>	<u>F41B 11 /-</u>	2022288587	<u>G06F 16 /-</u>	2022269545
2022281966	2022263900	2022253728	<u>G01S 5 /-</u>	2021440146	<u>G06Q 20 /-</u>
<u>F01C 1 /-</u>	2022266352	2022253728	2022261152	2022262647	2022337099
2022255371	<u>F16L 53 /-</u>	<u>F41H 1 /-</u>	2022288587	<u>G06F 18 /-</u>	2022376204
<u>F01C 11 /-</u>	2022267874	2022246652	<u>G01S 7 /-</u>	2022276018	<u>G06Q 30 /-</u>
2022255371	2022270977	2022274749	<u>G02B 1 /-</u>	<u>G06F 21 /-</u>	2022269296
<u>F01C 21 /-</u>	<u>F16L 55 /-</u>	<u>F41H 5 /-</u>	2022301338	2021445975	<u>G06Q 40 /-</u>
2022255371	2022268265	<u>G01J 3 /-</u>	<u>G02B 21 /-</u>	<u>G06F 3 /-</u>	2022262647
<u>F02B 57 /-</u>	2022278446	2022269614	2022276046	2021443976	<u>G06Q 50 /-</u>
2022255371	<u>F16L 57 /-</u>	<u>G01J 5 /-</u>	<u>G02B 23 /-</u>	2022251171	2022254783
<u>F03B 13 /-</u>	2022264715	2022298116	2022297556	2022258350	2022262647
2022259338	<u>F16L 59 /-</u>	<u>G01L 5 /-</u>	<u>G02B 26 /-</u>	<u>G06F 30 /-</u>	<u>G06T 19 /-</u>
<u>F03B 17 /-</u>	2022270977	2022262850	2022280712	2022260264	2022247450
2022259338	<u>F16M 13 /-</u>	<u>G01N 1 /-</u>	2022281293	<u>G06F 40 /-</u>	2022251171
<u>F03D 13 /-</u>	2022270196	2022267323	<u>G02B 6 /-</u>	2022254783	<u>G06T 7 /-</u>
2022263178	<u>F17C 13 /-</u>	2022305413	2022265553	2022281319	2022247290
<u>F03G 3 /-</u>	2022273039	<u>G01N 21 /-</u>	2022292949	<u>G06F 8 /-</u>	2022300548
2022269597	<u>F17D 3 /-</u>	2022269614	<u>G02B 7 /-</u>	2022269396	<u>G06V 10 /-</u>
<u>F04C 18 /-</u>	2022291849	2022271350	2022281244	<u>G06F 9 /-</u>	2022247290
2022301380	<u>F23C 10 /-</u>	<u>G01N 27 /-</u>	<u>G03B 13 /-</u>	2022309606	2022251171
	2022269576	2022263947	2022281244	<u>G06K 7 /-</u>	2022276018
			<u>G03B 3 /-</u>	2022261152	<u>G06V 40 /-</u>
				2022267004	2022247290
				2022280712	2022300548
				2022281230	
				2022281293	

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

<u>G07C 5 /-</u>	<u>G16H 40 /-</u>	<u>H01R 24 /-</u>	<u>H04N 19 /-</u>
2022269545	2022283936	2022269640	2022290496
<u>G07C 9 /-</u>	<u>G16H 50 /-</u>	<u>H01R 4 /-</u>	<u>H04Q 9 /-</u>
2022264496	2022270884 2022271249	2022269640	2022251179
<u>G08B 17 /-</u>	2022275592 2022283936 2022289030	<u>H01R 9 /-</u>	<u>H04S 1 /-</u>
2022251179		2022269640	2021442090
<u>G08C 17 /-</u>	<u>G16H 70 /-</u>	<u>H02J 3 /-</u>	<u>H04S 7 /-</u>
2022251179	2022289030	2021437057 2022288445	2021442090
<u>G09B 23 /-</u>	<u>G21C 1 /-</u>	<u>H02J 7 /-</u>	<u>H04W 12 /-</u>
2022262850	2021458490	2022281230 2022288445 2022376204	2021437094
<u>G10H 1 /-</u>	<u>G21C 11 /-</u>	<u>H02J 9 /-</u>	<u>H04W 24 /-</u>
2022250856	2021458490	2022333536	2022275067
<u>G10L 19 /-</u>	<u>G21C 15 /-</u>	<u>H02M 7 /-</u>	<u>H04W 4 /-</u>
2021451130	2021458490	2022376204	2021437094 2022408194 2022434643
<u>G11B 7 /-</u>	<u>G21C 3 /-</u>	<u>H02P 13 /-</u>	<u>H04W 48 /-</u>
2022276046	2021458490	2022264754	2021438015
<u>G16B 15 /-</u>	<u>G21C 5 /-</u>	<u>H02P 21 /-</u>	<u>H04W 56 /-</u>
2022270658 2022271249 2022272307	2021458490	2021437467	2021443567
<u>G16B 20 /-</u>	<u>G21C 7 /-</u>	<u>H02S 20 /-</u>	<u>H04W 72 /-</u>
2022254718 2022270658 2022271249	2021458490	2022268599	2021438015 2022436055
<u>G16B 30 /-</u>	<u>H01B 7 /-</u>	<u>H04B 5 /-</u>	<u>H04W 76 /-</u>
2022254718	2021463477	2022267004	2022265180
<u>G16B 35 /-</u>	<u>H01F 1 /-</u>	<u>H04H 60 /-</u>	<u>H05B 1 /-</u>
2022260043	2022278841	2022284293	2022267874
<u>G16B 40 /-</u>	<u>H01L 31 /-</u>	<u>H04L 1 /-</u>	<u>H05B 3 /-</u>
2022260043 2022271249 2022285871	2022310239 2022331905 2022428730	2022255143	2022252970 2022267874 2022268597 2022270977
<u>G16B 45 /-</u>	<u>H01M 4 /-</u>	<u>H04L 43 /-</u>	<u>H05B 45 /-</u>
2022285871	2022329894	2022265712	2022316344
<u>G16H 10 /-</u>	<u>H01M 50 /-</u>	<u>H04L 45 /-</u>	<u>H05B 47 /-</u>
2022289030	2021446719	2022265712	2022316344
<u>G16H 15 /-</u>	<u>H01M 8 /-</u>	<u>H04L 47 /-</u>	<u>H05G 1 /-</u>
2022283936	2021446719 2022291849	2022275067	2022333536
<u>G16H 20 /-</u>	<u>H01R 13 /-</u>	<u>H04L 9 /-</u>	
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G06F 40/114 (2020.01)
G06F 40/14 (2020.01)
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G06F 40/186 (2020.01)
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G01N 23/04 (2018.01)
G01M 99/00 (2011.01)
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A61B 34/20 (2016.01)
A61B 90/00 (2016.01)
G01S 7/41 (2006.01)
G01S 13/75 (2006.01)
G01S 13/84 (2006.01)
H01Q 15/00 (2006.01)
A61B 17/00 (2006.01)
G01S 7/35 (2006.01)
H01Q 1/22 (2006.01)
H01Q 19/24 (2006.01)
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F24V 30/00 (2018.01)
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A01K 1/06 (2006.01)
G01G 17/08 (2006.01)
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C12N 9/12 (2006.01)

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G06F 40/12 (2020.01)
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A61B 17/04 (2006.01)
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A61M 60/122 (2021.01)
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G06Q 10/00 (2012.01)
G06Q 10/08 (2012.01)
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B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
B66F 9/07 (2006.01)
B66F 9/075 (2006.01)
B66F 9/12 (2006.01)
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G01C 21/00 (2006.01)
G05D 1/02 (2020.01)
B66F 9/06 (2006.01)
G06K 17/00 (2006.01)
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A61K 31/506 (2006.01)
C07F 9/09 (2006.01)
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H02J 13/00 (2006.01)
F24F 11/47 (2018.01)
G06Q 50/00 (2012.01)
H02J 3/00 (2006.01)
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C09K 5/04 (2006.01)
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C07K 16/28 (2006.01)
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C07K 14/705 (2006.01)
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A61P 35/00 (2006.01)
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A61L 2/16 (2006.01)
A61L 2/18 (2006.01)
A62D 3/00 (2007.01)
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A61C 17/22 (2006.01)
A46B 9/04 (2006.01)
A61C 17/32 (2006.01)
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A61B 5/00 (2006.01)
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A23F 5/10 (2006.01)
A47J 31/44 (2006.01)
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B05B 11/00 (2006.01)
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G10L 19/008 (2013.01)
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H02G 5/06 (2006.01)
H01H 13/52 (2006.01)
H01R 13/6585 (2011.01)
H01R 25/14 (2006.01)
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A61K 31/00 (2006.01)
A61K 33/00 (2006.01)
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A61N 1/36 (2006.01)

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G09G 5/00 (2006.01)

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A01N 37/36 (2006.01)
A01N 25/30 (2006.01)
A01N 41/04 (2006.01)
A01P 1/00 (2006.01)
A61K 8/02 (2006.01)
A61K 8/365 (2006.01)
A61K 8/46 (2006.01)
A61L 2/18 (2006.01)

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C02F 1/50 (2006.01)
C09K 3/32 (2006.01)

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A61B 5/0205 (2006.01)
A61B 5/024 (2006.01)
A61B 5/08 (2006.01)
G16H 50/20 (2018.01)

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A61B 6/10 (2006.01)
H05G 1/26 (2006.01)

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(51) Int. Cl.
A61K 8/92 (2006.01)
A61K 8/26 (2006.01)
A61Q 1/00 (2006.01)

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(51) Int. Cl.
B29C 45/37 (2006.01)
A45D 33/00 (2006.01)
B29C 33/42 (2006.01)
B29K 21/00 (2006.01)
B29L 31/00 (2006.01)

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A61K 35/15 (2015.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C12N 5/078 (2010.01)

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E21B 33/035 (2006.01)
E21B 33/043 (2006.01)
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G01F 1/56 (2006.01)
G01N 1/10 (2006.01)
G01N 11/02 (2006.01)
G01N 23/02 (2006.01)
G01N 27/04 (2006.01)
G01N 29/02 (2006.01)
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C12N 9/90 (2006.01)
C12N 15/52 (2006.01)
C12P 5/00 (2006.01)
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H02G 3/08 (2006.01)
H05K 5/00 (2006.01)
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C07D 401/04 (2006.01)
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C10G 67/06 (2006.01)
C10L 1/02 (2006.01)
C10L 8/00 (2006.01)
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C07C 279/12 (2006.01)
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G01R 33/035 (2006.01)
G06N 10/40 (2022.01)
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G06F 21/88 (2013.01)
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 A61Q 11/00 (2006.01)
 D01F 2/28 (2006.01)
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(51) Int. Cl.
H04L 25/49 (2006.01)
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(72) LIN, Guangliang; YUAN, Jing; NING, Dongfang; DAI, Zhengjian
(74) Patenteur Pty Ltd

(71) ZTE Corporation
(11) AU-B-2021221208
(21) 2021221208 (22) 05.02.2021
(54) Signaling receiving method, signaling transmitting method, and device
(51) Int. Cl.
H04W 36/00 (2009.01)
(87) WO2021/160031
(31) 202010093883.0 (32) 14.02.20 (33) CN
(43) 19.08.2021
(44) 16.11.2023
(72) ZHANG, Shujuan; LU, Zhaohua; WANG, Jianwei; JIANG, Chuangxin; GAO, Bo; YAN, Wenjun; KOU, Shuaihua
(74) GLMR

(71) ZTE Corporation
(11) AU-B-2021279510
(21) 2021279510 (22) 25.01.2021
(54) Network optimisation method, server, network side device, system, and storage medium
(51) Int. Cl.
H04W 24/02 (2009.01)
(87) WO2021/238277
(31) 202010445463.4 (32) 24.05.20 (33) CN
(43) 02.12.2021
(44) 16.11.2023
(72) LIU, Zhuang; GAO, Yin; CHEN, Jiajun
(74) GLMR

Numerical Index

2016341311	ModernaTX, Inc.	2018250504	GLAMAGARD PTY LTD
2016342300	Valbiotix; Universite Clermont Auvergne	2018250530	ALSTOM Transport Technologies
2016348841	Probiotix Health Limited	2018250606	X-Therma, Inc.
2016349786	Ambrx, Inc.	2018251178	Fives ECL
2016393811	Sami Labs Limited	2018252144	Gamberoni, A.; Riganti, G.
2016423082	PlexBio Co., Ltd.	2018254468	Bio-Path Holdings, Inc.
2017212717	Sorrento Therapeutics, Inc.	2018255297	3Spine, Inc.
2017220675	UCB Biopharma Sprl	2018255352	Bio-Path Holdings, Inc.
2017228043	LABORATORIO ORTOPLUS, S.L.	2018255353	Bio-Path Holdings, Inc.
2017260323	The Board of Trustees of the University of Arkansas; The Texas A&M University System	2018256481	The Boeing Company
2017279601	Ag Growth International Inc.	2018256886	Ess Tech, Inc.
2017290805	Research Development Foundation	2018257543	Samsung Electronics Co., Ltd.
2017300788	Dana-Farber Cancer Institute, Inc.	2018259192	GWMV LIMITED
2017320582	Arrowhead Pharmaceuticals, Inc	2018261793	Milestone Scientific, Inc.
2017327828	Shanghai Henlius Biotech, Inc.	2018262340	G21 S.r.l.
2017330079	Xcell Medical Solutions, S.L.	2018264068	EXFO Inc.
2017342088	Genetic Analysis AS	2018265160	MAKO Surgical Corp.
2017344051	Breville Pty Limited	2018266253	Ecole de technologie superieure
2017345565	Precision Planting LLC	2018268208	UPL LTD
2017357638	Nanna Therapeutics Limited	2018271160	Heineke Supply Chain B.V.
2017357758	Translate Bio, Inc.	2018272943	Bischof + Klein SE & Co. KG
2017358058	Zip Industries (Aust.) Pty Ltd	2018273992	Scientia Vascular, Inc.
2017362433	Rainmaker Solutions, Inc.	2018282127	Enlivex Therapeutics RDO Ltd
2017362869	Precision Planting LLC	2018285214	Healy International AG
2017366548	Illinois Tool Works Inc.	2018285717	Decon7 Systems, Inc.
2017375887	Société des Produits Nestlé S.A.	2018285975	The University of British Columbia
2017381396	Niumeitolu, V.	2018286791	Societe des Produits Nestle S.A.
2017382718	The Coca-Cola Company	2018293336	Equinor Energy AS
2017382982	Marine Construction AS	2018293400	Thales Holdings UK PLC
2017409283	The University of Queensland	2018293429	Marine Power Systems Limited
2017417935	UNL Holdings LLC	2018297668	Victoria Link Limited
2017439358	Razer (Asia-Pacific) Pte. Ltd.	2018297910	Sörvik, B.
2017442232	Halliburton Energy Services, Inc.	2018299928	Karl Leibinger Medizintechnik GmbH & Co. KG
2017444223	Visa International Service Association	2018304409	AMRA Medical AB
2017445534	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2018304413	Becton Dickinson Rowa Germany GmbH
2018200268	ALLOSOURCE	2018304429	Manitou BF
2018201506	Hauff-Technik GmbH & Co. KG	2018307964	Applied Therapeutics Inc.
2018201679	Miyakoshi Printing Machinery Co., Ltd.	2018308863	Haldor Topsøe A/S
2018202183	The Boeing Company	2018309300	Haulotte Group
2018202597	Otis Elevator Company	2018310754	Clipex IP Limited
2018202705	Covidien LP	2018312101	Egg Medical, Inc.
2018202729	Otis Elevator Company	2018314497	Societe des Produits Nestle S.A.
2018203295	The Boeing Company	2018318017	Amgen Inc.
2018209681	Universitat Autònoma de Barcelona	2018318475	Hegarty, J.; Hegarty, D.
2018214044	The Boeing Company	2018319444	Wix.com Ltd
2018219278	LOCUS SOLUTIONS IPCO, LLC	2018320883	Hollister Incorporated
2018221900	Billio Pty Ltd	2018322049	CodeStream, Inc.; Pezaris, P.; Captech, LLC
2018222509	Pharem Biotech AB	2018325283	Oregon State University
2018223220	ASSA ABLOY Australia Pty Limited	2018325394	Kailamed Oy
2018226807	Chavan, P.; Shoshtaev, E.; Samuel, F.	2018328072	Rabhi, V.
2018227924	Societe des Produits Nestle S.A.	2018328773	University Health Network
2018231091	Evoqua Water Technologies LLC	2018329471	Becton, Dickinson and Company
2018234624	Twist Bioscience Corporation	2018329665	Source Global, PBC
2018236847	Geberit International AG	2018332065	FrieslandCampina Nederland B.V.
2018238006	SupPlant Ltd.	2018332238	Haskoli Islands
2018238285	A. Menarini Industrie Farmaceutiche Riunite S.r.l.	2018332954	Niederl, D.
2018238303	Jindal Saw Ltd	2018333124	Lim, L.
2018239528	Cianna Medical, Inc.	2018333268	Breville Pty Limited
2018241200	FrancoTyp-Postalia GmbH	2018333293	9220-6820 Québec Inc.
2018241478	Sika Technology AG	2018337982	Global Tel*Link Corporation
2018242620	Corwave SA	2018338117	Repligen Corporation
2018243393	Brock USA, LLC	2018340665	Wireman Pty Limited
2018244318	Auris Health, Inc.	2018342105	University of Florida Research Foundation, Incorporated
2018248728	Organicare, LLC	2018343112	Belron International Limited
2018249260	Momentum Technologies As	2018344267	Bruckbauer, W.
2018249368	Becton, Dickinson and Company	2018349284	428 Pharma BV.
		2018351559	JS InnoPharm (Shanghai) Ltd.

Applications Accepted - Numerical Index cont'd

2018353702	Santoku Corporation	2020232306	Zoetis Services LLC
2018355654	Societe des Produits Nestle S.A.	2020245575	ELC Management LLC
2018358273	Adeka Corporation	2020257160	Cargill, Incorporated
2018371375	Chiyoda Corporation	2020269749	LG Electronics Inc.
2018372138	Reliance Industries Limited	2020271967	ROSEN Swiss AG
2018373682	Sagemcom Broadband SAS	2020282051	Nanjing Ruiying Runze Biopharmaceutical Technology Co., Inc.
2018379381	DISMOV PTY LTD		
2018382219	IRWIN, B.	2020287968	Komatsu Ltd.
2018382919	Schreder S.A.	2020290583	The Procter & Gamble Company
2018385902	Equinor Energy AS	2020291776	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.
2018388629	Cyclerion Therapeutics, Inc.		
2018390994	Mirage 3.4D Pty Ltd	2020310565	Spindeco Technologies Oy
2018394269	Puratos NV	2020316159	Kabushiki Kaisha Toyota Jidoshokki
2018396636	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020320849	Suntory Holdings Limited
		2020323128	Nuovo Pignone Tecnologie - S.r.l.
2018397320	Societe des Produits Nestle S.A.	2020324416	Boston Scientific Neuromodulation Corporation
2018399375	Beijing Tusen Weilai Technology Co., Ltd	2020328374	LG Electronics Inc.
2018400240	REED SCIENTIFIC SERVICES LTD.	2020329956	Deciphera Pharmaceuticals, LLC.
2018408015	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020335966	Amsted Rail Company, Inc.
		2020336351	Gen-Probe Incorporated
2018409155	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2020337913	Isla Mapping LLC
		2020339071	UniferX Invest GmbH
2018446089	Liu, Q.	2020343309	ConMed Corporation
2019200209	KDB INTELLECTUAL PTY LTD	2020344570	Techtronic Cordless GP
2019201137	Darktrace Holdings Limited	2020348800	ZTE Corporation
2019203318	Vorwerk & Co. Interholding GmbH	2020353503	Yanmar Power Technology Co., Ltd.
2019203434	The Boeing Company	2020357745	IotaMotion, Inc.
2019204573	Varco I/P, Inc.	2020367999	AstraZeneca AB
2019204869	Lauto, A.	2020376858	Techtronic Cordless GP
2019205743	GI Innovation, Inc.	2020376860	Techtronic Cordless GP
2019222350	Theravalues Corporation	2020381577	W. L. Gore & Associates, Inc.
2019230217	Savant Systems, Inc.	2020384883	Gilead Sciences, Inc.
2019231783	Advaxis, Inc.	2020387638	Merck Millipore Ltd.
2019232762	Phanes Therapeutics, Inc.	2020392728	Fibox Oy AB
2019239098	InfraSight Software Corporation	2020396012	LG Electronics Inc.
2019245925	Sandvik Mining and Construction Tools AB	2020396985	Zhejiang Chint Electrics Co., Ltd.
2019253221	Avacta Life Sciences Limited	2020401545	Howmet Aerospace Inc.
2019258584	NetComm Wireless Pty Ltd	2020409772	Shandong University
2019262144	Rigel Pharmaceuticals, Inc.	2020409995	TUNAP GmbH & Co. KG
2019262567	Green Technology Research Co., Ltd	2020414467	International Business Machines Corporation
2019264639	Turnbull Infrastructure & Utilities Limited	2020418818	Boston Scientific Scimed, Inc.; Brussels Medical Device Center
2019266519	Societe des Produits Nestle S.A.		
2019272259	GranBio Intellectual Property Holdings, LLC	2020419057	Boston Scientific Neuromodulation Corporation
2019285184	Xenon Pharmaceuticals Inc.	2020421460	International Business Machines Corporation
2019285831	Revolu Biotherapeutics Limited	2020421906	Lanshen Group Corp., Ltd.; Nanjing Aidesen Water Service Co., Ltd
2019291640	Western Clinical Engineering Ltd.		
2019341596	Orthoxel Dac	2020426967	Toshiba Mitsubishi-Electric Industrial Systems Corporation
2019344001	Cepheid		
2019353144	Annapurna Bio, Inc.	2020427556	Snap-on Incorporated
2019355870	Genzyme Corporation	2020428327	Nippon Telegraph and Telephone Corporation
2019364336	Alumis Inc.	2020429220	Huawei Technologies Co., Ltd.
2019369551	Kumiai Chemical Industry Co., Ltd.	2020433395	Huawei Technologies Co., Ltd.
2019373948	Chiesi Farmaceutici S.p.A.	2020438872	Mitsubishi Electric Corporation
2019382521	Fujian Akeylink Biotechnology Co., Ltd.	2020453318	Sungrow Power Supply Co., Ltd.
2019387119	Sage Geosystems Inc.	2020458557	Ishida Co., Ltd.
2019426942	Hangzhou DAC Biotech Co., Ltd	2020476356	Sekisui House, Ltd.
2019428181	Hewlett-Packard Development Company, L.P.	2021200283	Academia Sinica
2019428636	Hewlett-Packard Development Company, L.P.	2021203745	L & H Industrial, Inc.
2019431743	Weatherhaven Global Resources Ltd.	2021203995	Janssen Biotech, Inc.
2019431775	Huawei Digital Power Technologies Co., Ltd.	2021204763	ModernaTX, Inc.
2019440386	FJ Dynamics Technology Co., Ltd	2021205040	SiNew Pharma Inc.
2019460046	Mitsubishi Electric Corporation	2021207465	Garwood Medical Devices, LLC
2019469001	Huawei Technologies Co., Ltd.	2021207767	Lumenis Ltd
2019469864	Kabushiki Kaisha Kitamura Seisakusho	2021208885	Dental Robotics Group B.V.
2019470183	W. L. Gore & Associates, Inc.	2021209616	Netflix, Inc.
2020200887	Evolva SA	2021214518	Hyundai Pharm Co., Ltd.
2020204593	GENENTECH, INC.	2021214781	Splunk Inc.
2020206823	Huawei Technologies Co., Ltd.	2021215386	International Business Machines Corporation
2020213308	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.	2021215426	Shanghai Yuyao Biotech Ltd.
		2021216059	Stout Industrial Technology, Inc.
2020225213	Crown Equipment Corporation	2021218020	Implantica Patent Ltd
2020228710	Rheinmetall Waffe Munition GmbH	2021218063	Tahi Technologies Inc.

Applications Accepted - Numerical Index cont'd

2021218167	Ningbo Zhongxin Electronic Technology Co., Ltd.	2021339341	Beijing Zitiao Network Technology Co., Ltd.
2021218212	Cloudbreak Therapeutics, LLC	2021340367	Hitachi, Ltd.
2021218228	Sage Therapeutics, Inc.	2021401911	CATERPILLAR INC.
2021218230	Sage Therapeutics, Inc.	2021403223	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
2021218841	Memjet Technology Limited	2021414652	ASAHI GROUP HOLDINGS, LTD.; ASAHI BREWER-IES, LTD.
2021220681	Arkema France	2021428062	NANJING PIONEER AWARENESS INFORMATION TECHNOLOGY CO., LTD
2021220811	Huawei Technologies Co., Ltd.	2022200089	Janssen Pharmaceutica NV
2021221208	ZTE Corporation	2022200146	W. L. Gore & Associates, Inc.
2021221883	DEKA Products Limited Partnership	2022200257	Dana-Farber Cancer Institute, Inc.
2021223970	International Business Machines Corporation	2022200493	Alarm.Com Incorporated
2021225129	Applied Medical Resources Corporation	2022200597	Hitachi Industrial Products, Ltd.
2021225190	FISHER & PAYKEL HEALTHCARE LIMITED	2022200600	Google LLC
2021229120	Dexcom, Inc.	2022200757	Techtronic Cordless GP
2021232661	FISHER & PAYKEL HEALTHCARE LIMITED	2022201157	ConMed Corporation
2021232781	DEKA Products Limited Partnership	2022201325	Royal Bank of Canada
2021232819	Genea IP Holdings Pty Limited	2022201404	IVERIC bio, Inc.
2021236529	Apple Inc.	2022201634	Stats LLC; Lucey, P.; Sha, L.; Wei, X.
2021236565	Treace Medical Concepts, Inc.	2022202008	Crown Equipment Corporation
2021236605	Inguran, LLC	2022202374	Biomerieux, Inc.
2021240138	Sage Products, LLC	2022202664	BioMerieux, Inc.
2021240226	Sight Sciences, Inc.	2022202709	Nextremity Solutions, Inc.
2021245033	Fronius International GmbH	2022202947	The Board of Trustees of the Leland Stanford Junior University
2021245137	Inari Medical, Inc.	2022202956	Blue Ocean Seismic Services Limited
2021245219	Spirox, Inc.	2022203408	VARTA Consumer Batteries GmbH & Co. KGaA; VARTA Microbattery GmbH
2021246447	Amgen Inc.	2022203614	Gorr Pty Limited
2021249647	Mitsubishi Heavy Industries, Ltd.; The Kansai Electric Power Co., Inc.	2022203687	Think Surgical, Inc.
2021250894	Gilead Sciences, Inc.	2022203915	Nexttracker LLC
2021250925	Janssen Pharmaceutica NV	2022204062	Lyra Therapeutics, Inc.
2021250941	SomnoMed Limited	2022204208	SUPERSONIC IMAGINE
2021250975	Eagle View Technologies, Inc.	2022204547	Becton Dickinson and Company Limited
2021250981	FERRER, J.	2022204698	Terra Quantum AG
2021252014	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2022204758	Visa International Service Association
2021254546	Duke University	2022206452	Duke University
2021254587	Nicoventures Trading Limited	2022206815	FIDELITY INFORMATION SERVICES, LLC; EQUIFAX, INC.
2021254603	NAGAKI SEIKI CO., LTD.	2022208873	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021254613	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)	2022209801	Clean Planet Inc.
2021257964	Massachusetts Institute of Technology	2022210988	VIKING THERAPEUTICS, INC.
2021258023	Ares Trading S.A.	2022211859	Dong Guan Tian Sheng Optic-tronics Corp
2021258040	Dispensing Technologies B.V.	2022215205	Bluescope Steel Limited
2021258195	ELC Management LLC	2022218621	Google LLC
2021261878	Becton, Dickinson and Company	2022221481	Ecolab USA Inc.
2021261898	Chen, Y.; Chen, W.	2022221535	Snap-on Incorporated
2021261937	Stratatech Corporation	2022228084	Vertex Pharmaceuticals Incorporated; BioMed Valley Discoveries, Inc.
2021261939	Ecolab USA Inc.	2022235523	JINKO SOLAR (HAINING) CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
2021266192	LG Electronics Inc.	2022235634	Apple Inc.
2021269310	Dolby International AB	2022246389	Kultevat, Inc.
2021269369	Canon Kabushiki Kaisha	2022252727	Crown Equipment Corporation
2021277144	Sarcos Corp.	2022258555	LINEAGE LOGISTICS, LLC
2021279510	ZTE Corporation	2022271420	BISSELL Inc.
2021281863	Daikin Industries, Ltd.	2022271460	Magic Leap, Inc.
2021282392	Boehringer Ingelheim International GmbH	2022274223	FRITO-LAY NORTH AMERICA, INC.
2021282513	QBiotech Pty Ltd	2022275425	CROWN EQUIPMENT CORPORATION
2021282542	FISHER & PAYKEL HEALTHCARE LIMITED	2022282801	PRESSURE PULSE SYSTEMS PTY LTD
2021286252	Bripco BVBA	2022283647	Samsung Electronics Co., Ltd.
2021286265	Angel Group Co., Ltd.	2022283653	Daikin Industries, Ltd.
2021286332	LG ELECTRONICS INC.	2022283784	Zhejiang Jinko Solar Co., Ltd.; Shanghai Jinko Green Energy Enterprise Management Co. Ltd.
2021286381	Thales Holdings UK PLC	2022287574	Fermat International, Inc.
2021290281	Boehringer Ingelheim Vetmedica GmbH	2022323936	RAYTHEON BBN TECHNOLOGIES, CORP.
2021296124	Siemens Healthcare Diagnostics Inc.	2022327551	Hummingbird Diagnostics GmbH
2021296362	Metso Outotec USA Inc.	2023200390	The NOCO Company
2021302317	JFE Steel Corporation	2023200413	MFTB Holdco, Inc.
2021311260	China UnionPay Co., Ltd.	2023201028	Waymo LLC
2021313129	BAE Systems Information and Electronic Systems Integration Inc.	2023201189	Apple Inc.
2021317217	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.		
2021326486	Applied Research Associates, Inc.		
2021328048	Apple Inc.		
2021331096	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.		

Applications Accepted - Numerical Index cont'd

2023201454	Block, Inc.
2023201954	LivePerson, Inc.
2023202432	Apple Inc.
2023202567	Apple Inc.
2023210530	Canva Pty Ltd
2023210531	Canva Pty Ltd
2023210541	Canva Pty Ltd
2023214228	Lam, T.T.
2023216814	Tracy Iuliano and John Iuliano
2023237088	OMNISCIENT IMAGING, INC.
2023241315	SADRAM INC

IPC Index

<u>A01B 15 /-</u>	<u>A01N 37 /-</u>	2019205743 2019222350	2020396012 2021266192 2022271420	<u>A61C 17 /-</u>	2018388629 2018446089 2019222350 2019262144 2019285184 2019353144 2019355870 2019382521 2020232306 2020282051 2020329956 2020384883 2021205040 2021215426 2021218228 2021218230 2021246447 2021250894 2021250925 2021254546 2021282513 2022204062
2021216059	2020339071 2021261939	<u>A23L 5 /-</u>	<u>A61B 1 /-</u>	2021208885	
<u>A01B 33 /-</u>	<u>A01N 41 /-</u>	2018394269 2021326486	2018244318 2018259192 2020418818 2021232781 2023237088	<u>A61C 7 /-</u>	
2021216059	2021261939	<u>A24F 47 /-</u>		2021250941	
<u>A01B 59 /-</u>	<u>A01N 43 /-</u>	2021254587		<u>A61C 8 /-</u>	
2021216059	2018268208 2019369551	<u>A42B 3 /-</u>	<u>A61B 17 /-</u>	2018299928	
<u>A01B 63 /-</u>	<u>A01P 1 /-</u>	2018293400	2018200268 2018202705 2018226807 2018239528 2018255297 2018265160 2019291640 2019341596 2020343309 2020357745 2020381577 2020418818 2021236565 2021245137 2021245219 2022200146 2022201157 2022202709	<u>A61F 2 /-</u>	
2021216059	2021261939	<u>A45D 33 /-</u>		2018255297 2018262340 2018299928 2019470183 2020418818 2021207465 2021218020 2021245219 2021261937 2022204062	
<u>A01B 69 /-</u>	<u>A01P 13 /-</u>	2021258195		2017228043 2020418818 2021240138 2021245219 2021250941	
2021216059	2019369551	<u>A46B 11 /-</u>	<u>A61B 18 /-</u>		
<u>A01C 5 /-</u>	<u>A01P 21 /-</u>	2021290281	2021207767 2021225129	<u>A61F 5 /-</u>	2018248728 2018325283 2021254546
2017345565	2020339071	<u>A46B 13 /-</u>		2017228043 2020418818 2021240138 2021245219 2021250941	
<u>A01C 7 /-</u>	<u>A01P 3 /-</u>	2020396012	<u>A61B 34 /-</u>		
2017345565 2017362869	2018268208	<u>A46B 9 /-</u>	2018239528 2018265160 2020357745 2022203687	<u>A61F 9 /-</u>	2016348841 2018282127 2018397320
<u>A01D 34 /-</u>	<u>A23F 5 /-</u>	2021208885			
2019469864 2022200757	2018379381	<u>A47J 27 /-</u>	<u>A61B 5 /-</u>		
<u>A01D 75 /-</u>	<u>A23G 1 /-</u>	2021218063	2018227924 2018266253 2018314497 2018329471 2018333124 2019291640 2020324416 2020418818 2021229120 2022203614	<u>A61G 7 /-</u>	
2019440386	2019266519	<u>A47J 31 /-</u>		2018325394	
<u>A01G 23 /-</u>	<u>A23G 9 /-</u>	2018286791 2018332065 2018379381	<u>A61B 31 /-</u>		
2018297910	2019266519	<u>A47J 36 /-</u>	2021207767 2021225129	<u>A61H 3 /-</u>	
<u>A01G 25 /-</u>	<u>A23K 20 /-</u>	2021218063		2018382219	
2018238006	2019222350	<u>A47J 43 /-</u>	<u>A61B 33 /-</u>		
<u>A01K 1 /-</u>	<u>A23L 19 /-</u>	2017344051 2017375887 2019203318 2020269749 2020328374	2018239528 2018265160 2020357745 2022203687	<u>A61J 1 /-</u>	
2018310754	2018394269	<u>A47L 11 /-</u>		2017417935 2022204547	
<u>A01K 51 /-</u>	<u>A23L 2 /-</u>	2020344570 2020376860 2022271420	<u>A61B 6 /-</u>		
2018252144	2020257160 2021414652	<u>A47L 23 /-</u>	2018312101 2022203614	<u>A61J 7 /-</u>	
<u>A01K 61 /-</u>	<u>A23L 23 /-</u>	2020344570 2020376860 2022271420		2018304413	
2017382982 2020353503	2018355654	<u>A47L 27 /-</u>	<u>A61C 13 /-</u>		
<u>A01M 21 /-</u>	<u>A23L 27 /-</u>	2022271420	2018299928		
2019369551	2020200887 2020320849	<u>A47L 5 /-</u>			
<u>A01N 1 /-</u>	<u>A23L 3 /-</u>	2020344570 2020376860 2022271420	<u>A61B 90 /-</u>		
2018250606	2018394269	<u>A47L 7 /-</u>	2018239528 2020418818	<u>A61K 31 /-</u>	
<u>A01N 25 /-</u>	<u>A23L 33 /-</u>	2020344570 2020376860 2022271420		2016341311 2016393811 2017320582 2018209681 2018234624 2018238285 2018254468 2018255352 2018255353 2018307964 2018328773 2018342105 2018349284 2018351559	
2018268208 2019369551 2021261939	2018355654 2018397320	<u>A47L 9 /-</u>		2016341311 2016349786 2017212717 2017260323 2017327828 2018328773 2019232762 2020204593 2021218212 2021254546	
		2020376858		<u>A61K 45 /-</u>	
				2018351559 2020329956 2021254546	

Applications Accepted - IPC Index cont'd

<u>A61K 47/-</u>	2021290281	2020282051	2021205040	<u>B01J 13/-</u>	2021261898
2017327828	<u>A61M 16/-</u>	<u>A61P 19/-</u>	<u>A61P 5/-</u>	2019369551	<u>B29C 33/-</u>
2017357758	2019373948	2018209681	2021282513	<u>B01L 3/-</u>	2018221900
2018254468	2021225190	2018446089	<u>A61P 9/-</u>	2019344001	2021258195
2018255352	2021232661	2021215426	2016348841	2021232819	<u>B29C 35/-</u>
2018255353	<u>A61M 21/-</u>	<u>A61P 25/-</u>	2019353144	<u>B01L 7/-</u>	2018221900
2018285975	2018333124	2016342300	<u>A61Q 1/-</u>	2021296124	2018343112
2019222350	<u>A61M 25/-</u>	2018209681	2020245575	<u>B02C 2/-</u>	<u>B29C 45/-</u>
2019426942	2018249368	2018238285	<u>A61Q 11/-</u>	2021296362	2021258195
2020232306	2018273992	2018325283	2020290583	<u>B05B 11/-</u>	<u>B29C 53/-</u>
2021250925	2018329471	2018349284	<u>A62B 35/-</u>	2021258040	2019264639
2022210988	<u>A61M 3/-</u>	2018351559	2018309300	2021290281	<u>B29C 73/-</u>
<u>A61K 48/-</u>	2018320883	2019285184	<u>A62B 9/-</u>	<u>B09C 1/-</u>	2018343112
2017290805	<u>A61M 31/-</u>	2019355870	2017362433	2018400240	<u>B29K 21/-</u>
2017357758	2022204062	2020384883	<u>A62D 3/-</u>	<u>B21F 25/-</u>	2021258195
2020213308	<u>A61M 5/-</u>	<u>A61P 27/-</u>	<u>A62D 3/-</u>	2018340665	<u>B29L 31/-</u>
2021257964	2018261793	2018351559	2018285717	<u>B22F 5/-</u>	2021258195
<u>A61K 49/-</u>	2021245219	2022201404	<u>A63F 1/-</u>	2019245925	<u>B31D 1/-</u>
2017327828	2021261878	<u>A61P 29/-</u>	2021286265	<u>B24B 23/-</u>	2018201679
2022202947	2022204547	2019262144	<u>A63F 11/-</u>	2023216814	<u>B32B 1/-</u>
<u>A61K 51/-</u>	<u>A61M 60/-</u>	2020384883	2021286265	<u>B24B 3/-</u>	2022274223
2017327828	2018242620	2021215426	<u>B01D 11/-</u>	2022200597	<u>B32B 17/-</u>
<u>A61K 8/-</u>	<u>A61N 1/-</u>	2021282513	2022246389	<u>B24B 7/-</u>	2018343112
2018248728	2018261793	<u>A61P 3/-</u>	<u>B01D 15/-</u>	2023216814	<u>B32B 27/-</u>
2018250606	2018285214	2016342300	2018338117	<u>B25B 25/-</u>	2022274223
2020245575	2018285214	2018238285	<u>B01D 21/-</u>	2018340665	<u>B32B 29/-</u>
2020290583	<u>A61N 2/-</u>	<u>A61P 31/-</u>	2020421906	<u>B25B 27/-</u>	2022274223
2021261939	2018285214	2016341311	<u>B01D 5/-</u>	2021261898	<u>B32B 3/-</u>
<u>A61K 9/-</u>	<u>A61N 5/-</u>	2018351559	2018329665	<u>B25B 7/-</u>	2018214044
2017357758	2018285214	2018254468	<u>B01D 53/-</u>	2021261898	<u>B41J 1/-</u>
2018254468	2018333124	2018255352	2021249647	<u>B25C 1/-</u>	2018241200
2018255352	<u>A61P 1/-</u>	2018255353	<u>B01D 61/-</u>	2017366548	<u>B41J 2/-</u>
2018255353	2018351559	2018282127	2020387638	<u>B25G 1/-</u>	2018241200
2018307964	2019382521	2018328773	<u>B01D 67/-</u>	2021254603	2019428636
2020232306	2020324416	2018351559	2020387638	<u>B25G 3/-</u>	2021218841
2021204763	2020357745	2019426942	<u>B01D 69/-</u>	2021254603	<u>B41J 3/-</u>
2021250925	2020419057	2020204593	2020387638	<u>B25J 1/-</u>	2021218841
2022204062	2021207465	2020329956	<u>B01D 71/-</u>	2021261898	<u>B60B 3/-</u>
<u>A61L 2/-</u>	<u>A61N 27/-</u>	2020384883	2020387638	<u>B25J 15/-</u>	2020401545
2018285717	2018351559	2021215426	<u>B01D 69/-</u>		
2018338117	2019382521	2021246447	<u>B01D 67/-</u>		
2021207465	2021205040	2021250925	<u>B01D 69/-</u>		
2021261939	2021282513	2021282513	<u>B01D 67/-</u>		
<u>A61L 27/-</u>	2022210988	<u>A61P 37/-</u>	<u>B01D 69/-</u>		
2018358273	<u>A61P 11/-</u>	2017300788	<u>B01D 69/-</u>		
<u>A61L 31/-</u>	2019353144	2018254468	<u>B01D 69/-</u>		
2022204062	2018285214	2018255352	<u>B01D 69/-</u>		
<u>A61M 1/-</u>	<u>A61P 13/-</u>	2018255353	<u>B01D 69/-</u>		
2021221883	2021205040	2018282127	<u>B01D 69/-</u>		
<u>A61M 15/-</u>	2021205040	2018328773	<u>B01D 69/-</u>		
2019373948	<u>A61P 17/-</u>	2018351559	<u>B01D 69/-</u>		
2020367999	<u>A61P 39/-</u>	2019262144	<u>B01D 69/-</u>		
2021225190		2020384883	<u>B01D 69/-</u>		
		2021215426	<u>B01D 69/-</u>		
		2021282513	<u>B01D 69/-</u>		

Applications Accepted - IPC Index cont'd

B60H 1 /-	B65B 59 /-	B66C 15 /-	C05F 11 /-	C07D 263 /-	2021257964
2018329665	2020458557	2018304429	2020339071	2021204763	C07D 493 /-
B60L 50 /-	B65B 61 /-	B66C 23 /-	C05G 5 /-	C07D 265 /-	2021282513
2018332954	2020458557	2018304429	2020339071	2021204763	C07D 495 /-
B60Q 5 /-	B65B 9 /-	B66D 1 /-	C07C 1 /-	C07D 271 /-	2019355870 2021215426
2018318475	2020458557	2017382982	2019262567	2021204763	C07D 498 /-
B60R 13 /-	B65D 25 /-	B66F 11 /-	C07C 227 /-	C07D 277 /-	2019364336 2019382521
2018214044	2021414652	2018309300 2018325394	2021257964	2019285184 2021204763	
B60R 21 /-	B65D 3 /-	B66F 17 /-	C07C 229 /-	C07D 307 /-	C07D 513 /-
2018318475 2019440386	2022274223	2018304429 2018309300	2021204763 2021257964	2018349284	2019355870
B60T 7 /-	B65D 30 /-	B66F 9 /-	C07C 237 /-	C07D 319 /-	C07D 519 /-
2019440386	2018272943	2018318475 2022202008 2022275425	2021204763	2021205040	2019355870 2021246447
B61F 5 /-	B65D 33 /-	B67D 1 /-	C07C 271 /-	C07D 401 /-	C07F 1 /-
2020335966	2018241478 2018272943	2017382718 2018271160	2021204763	2019364336 2020384883 2021250894 2022228084	2018325283
B61L 27 /-	B65D 65 /-	B67D 3 /-	C07C 279 /-	C07D 403 /-	C07F 9 /-
2021340367	2018241478	2017358058	2021204763	2018351559 2019364336 2021257964	2018388629 2022210988
B62D 49 /-	B65D 75 /-	C01B 21 /-	C07C 29 /-	C07D 405 /-	C07H 15 /-
2021216059	2022203408	2018297668	2018308863	2019364336 2020384883	2020320849
B63B 22 /-	B65D 8 /-	C01B 3 /-	C07C 311 /-	C07D 407 /-	C07H 21 /-
2021286381	2021414652	2018308863	2021204763	2019364336 2020384883	2017290805 2018254468 2018255352 2018255353 2020213308
B63B 35 /-	B65D 83 /-	C01B 32 /-	C07C 321 /-	2021205040	C07J 17 /-
2022202956	2022203408	2021249647	2021204763	C07D 409 /-	2021218230
B63B 45 /-	B65G 1 /-	C01C 1 /-	C07C 51 /-	2020384883	C07J 9 /-
2022202956	2018304413 2022202008	2018297668 2018308863	2021204763 2021257964	C07D 413 /-	2021218228
B63B 49 /-	B65G 23 /-	C02F 1 /-	C07D 209 /-	2018328773 2019262144 2019364336 2020384883	C07K 1 /-
2020337913	2017279601	2022221481	2021257964	2019364336 2020384883	2017220675
B63G 8 /-	B65G 47 /-	C02F 101 /-	C07D 213 /-	C07D 417 /-	C07K 14 /-
2022202956 2022323936	2018304413	2018222509	2019364336	2020384883	2018342105 2018358273 2018397320 2019205743 2019253221 2019285831 2022200089 2022200257 2022210988
B64C 1 /-	B65H 18 /-	C02F 3 /-	C07D 233 /-	C07D 471 /-	
2018203295 2018214044	2018201679	2018222509 2018400240	2021204763 2021257964	2018351559 2019364336 2019382521	
B64C 3 /-	B65H 41 /-	C04B 35 /-	C07D 241 /-	C07D 487 /-	
2018203295	2018201679	2019245925	2021257964	2018351559 2018388629 2019285184 2019353144 2019364336	C07K 16 /-
B64C 39 /-	B66B 7 /-	C05D 1 /-	C07D 249 /-		2016349786 2017300788 2017327828
2020228710	2018202597 2018202729	2018372138	2021204763		
B65B 51 /-	B66C 13 /-				
2020458557	2018304429				

Applications Accepted - IPC Index cont'd

2018342105 2019232762 2020204593	<u>C10L 8 /-</u>	<u>C12Q 1 /-</u>	<u>D06B 11 /-</u>	<u>E05B 15 /-</u>	2020323128
<u>C07K 19 /-</u>	<u>C11B 13 /-</u>	2017342088 2017357638 2018234624 2018342105 2021236605 2022327551	2021218841	2018223220	<u>F04D 29 /-</u>
2022200257 2022210988	2021326486		<u>D06F 37 /-</u>	<u>E05B 17 /-</u>	2020323128
<u>C07K 7 /-</u>	<u>C11B 3 /-</u>		2018257543	2018223220 2019200209	<u>F16B 7 /-</u>
2018250606 2019426942	2021326486	<u>C12R 1 /-</u>	<u>D06F 39 /-</u>	<u>E05B 63 /-</u>	2021254603
<u>C08G 63 /-</u>	<u>C11C 3 /-</u>	2018397320	2018257543	2018223220 2019200209	<u>F16F 13 /-</u>
2018285975	2019262567	<u>C21D 8 /-</u>	<u>D06P 5 /-</u>	2019200209	2020335966
<u>C08G 65 /-</u>	<u>C12M 1 /-</u>	2021302317	2021218841	<u>E21B 21 /-</u>	<u>F16F 7 /-</u>
2018285975	2018318017 2022202664	<u>C22B 59 /-</u>	<u>D07B 1 /-</u>	2019387119 2021403223	2018249260 2020335966
<u>C08K 5 /-</u>	<u>C12M 3 /-</u>	2018353702	<u>D21H 11 /-</u>	<u>E21B 31 /-</u>	<u>F16F 9 /-</u>
2021220681	2018318017	<u>C22C 29 /-</u>	2019272259	2021403223	2017381396
<u>C09J 101 /-</u>	<u>C12N 1 /-</u>	<u>C22C 38 /-</u>	<u>D21H 17 /-</u>	<u>E21B 33 /-</u>	<u>F16H 15 /-</u>
2019272259	2018397320 2018400240 2020200887	2021302317	2019272259	2018293336	2023214228
<u>C09J 103 /-</u>	<u>C12N 13 /-</u>	<u>C23C 2 /-</u>	<u>D21H 27 /-</u>	<u>E21B 34 /-</u>	<u>F16H 23 /-</u>
2019272259	2018318017	2022215205	2019272259	2018293336	2018202183
<u>C09K 17 /-</u>	<u>C12N 15 /-</u>	<u>C23C 22 /-</u>	<u>E01C 13 /-</u>	<u>E21B 41 /-</u>	<u>F16H 25 /-</u>
2018400240	2017290805 2017320582 2017357638 2018234624 2020200887 2020320849 2021257964	2022215205	2018243393	2017442232	2020337913
<u>C09K 3 /-</u>	<u>C12N 5 /-</u>	<u>C25B 1 /-</u>	<u>E02F 3 /-</u>	<u>E21B 43 /-</u>	<u>F16H 55 /-</u>
2018250606 2018400240 2022221481	2017290805 2017320582 2017357638 2018234624 2020200887 2020320849 2021257964	2021203745	<u>E02F 9 /-</u>	2017442232 2019387119	2018202183
<u>C09K 5 /-</u>	<u>C12N 9 /-</u>	2018332238	2020287968	<u>E21B 47 /-</u>	<u>F16J 1 /-</u>
2022283653	2017290805 2017330079 2018234624 2018282127 2018318017 2021203995 2021282392	<u>C25B 11 /-</u>	<u>E03B 3 /-</u>	2021403223	2018328072
<u>C10G 25 /-</u>	<u>C12N 9 /-</u>	2018332238	<u>E03B 3 /-</u>	<u>E21B 49 /-</u>	<u>F16K 11 /-</u>
2019262567	2017290805 2017330079 2018234624 2018282127 2018318017 2021203995 2021282392	<u>C25C 3 /-</u>	2018329665	2018385902 2021403223	2018338117
<u>C10G 29 /-</u>	<u>C12N 9 /-</u>	2018251178	<u>E03C 1 /-</u>	<u>F02D 45 /-</u>	<u>F16K 31 /-</u>
2021326486	2020200887 2021218212	<u>C40B 30 /-</u>	2022282801	2020316159	2017358058
<u>C10G 3 /-</u>	<u>C12P 19 /-</u>	2018234624	<u>E03D 1 /-</u>	<u>F03B 13 /-</u>	<u>F16K 35 /-</u>
2019262567	2020200887	2017357638 2018234624	2018236847	2018293429	2017358058
<u>C10G 31 /-</u>	<u>C12P 21 /-</u>	<u>C40B 40 /-</u>	<u>E03D 5 /-</u>	<u>F03C 1 /-</u>	<u>F16L 15 /-</u>
2021326486	2020200887	2018234624	2018236847	2018328072	2019204573
<u>C10G 67 /-</u>	2017212717 2017327828 2018397320 2021258023	<u>D01F 2 /-</u>	<u>E04B 1 /-</u>	2018328072	<u>F16L 17 /-</u>
<u>C10G 75 /-</u>	<u>C12P 5 /-</u>	2020290583	2020476356	<u>F04B 1 /-</u>	2018238303
2018219278	2020200887	<u>D01F 4 /-</u>	<u>E04F 11 /-</u>	2018328072	<u>F16L 25 /-</u>
<u>C10L 1 /-</u>	2017212717 2017327828 2018397320 2021258023	<u>D05C 15 /-</u>	2018333293	<u>F04B 53 /-</u>	2020421906
2019262567	2020200887	2020290583	<u>E04H 15 /-</u>	2018328072	<u>F16L 37 /-</u>
		2018243393	2019431743	<u>F04D 25 /-</u>	2018238303
			<u>E04H 17 /-</u>	2020323128	<u>F16L 5 /-</u>
			2018250504 2018340665	<u>F04D 27 /-</u>	2018201506

Applications Accepted - IPC Index cont'd

<u>F16L 55 /-</u>		2022204698	<u>G06F 12 /-</u>	2020353503	<u>G06V 20 /-</u>
2018249260	<u>G01M 11 /-</u>				
2019264639	2018264068	<u>G01S 13 /-</u>	2020421460	<u>G06N 10 /-</u>	2021277144
			2022287574		2022200493
<u>F16M 11 /-</u>	<u>G01M 99 /-</u>	2018239528	<u>G06F 13 /-</u>	2022204698	<u>G06V 30 /-</u>
2020337913	2018371375	<u>G01S 17 /-</u>		<u>G06N 20 /-</u>	
			2023241315		2022200493
<u>F24C 15 /-</u>	<u>G01N 1 /-</u>	2022258555	<u>G06F 15 /-</u>	2018371375	2022208873
2018344267	2018385902	2023201028		2020428327	
		<u>G01S 7 /-</u>	2022287574	2022200493	<u>G06V 40 /-</u>
<u>F24D 17 /-</u>	<u>G01N 11 /-</u>	2018239528	<u>G06F 16 /-</u>	<u>G06N 3 /-</u>	2022200493
2022282801	2018385902	2022204208		2020428327	<u>G07C 5 /-</u>
		<u>G01T 1 /-</u>	2018319444	2022200493	
<u>F24D 19 /-</u>	<u>G01N 15 /-</u>		2023210541	2022200600	2020427556
2022282801	2021236605	2022203614	<u>G06F 17 /-</u>	<u>G06N 5 /-</u>	<u>G08B 13 /-</u>
	2021401911	<u>G01V 1 /-</u>			
<u>F24F 11 /-</u>	<u>G01N 21 /-</u>	2022202956	2021282542	2017444223	2018256481
2020438872	2020409772	2022204208	2022201634	<u>G06N 99 /-</u>	<u>G08B 19 /-</u>
2021281863	2021236605		2022204208		
	2021401911	<u>G01V 8 /-</u>	2023201954	2022218621	2018382919
<u>F24H 1 /-</u>	2022202947		<u>G06F 21 /-</u>	<u>G06Q 10 /-</u>	<u>G08B 25 /-</u>
2018333268		2020409772			
	<u>G01N 23 /-</u>		2018250530	2017444223	2018256481
<u>F24H 15 /-</u>		<u>G02B 23 /-</u>	2018256481	2020225213	
2022282801	2018371375		2021215386		<u>G08B 26 /-</u>
	2018385902	2021207767	2023201189	<u>G06Q 20 /-</u>	
<u>F24V 30 /-</u>	<u>G01N 27 /-</u>	<u>G02B 27 /-</u>	<u>G06F 3 /-</u>		2018382919
2022209801	2018318017			2021311260	<u>G09G 5 /-</u>
	2018385902	2021339341	2017439358	2022201325	
<u>F25D 23 /-</u>	2020271967	2022271460	2018319444	2023201454	2021250975
2021286332		<u>G03G 21 /-</u>	2019428181	<u>G06Q 40 /-</u>	
	<u>G01N 29 /-</u>		2021236529		<u>G10K 11 /-</u>
<u>F28D 1 /-</u>	2018385902	2021269369	2022235634	2020414467	2018214044
2019460046	2020271967	<u>G05B 15 /-</u>	2022252727	<u>G06Q 50 /-</u>	
	2022204208		2023200413		<u>G10K 7 /-</u>
<u>F28D 20 /-</u>	<u>G01N 30 /-</u>	2018329665	2023201189	2020287968	2018318475
2018243393	2018338117	2021218063	2023202432	2021281863	
	2021214518	<u>G05B 19 /-</u>	2023210530	2021282542	<u>G10L 15 /-</u>
<u>F28F 1 /-</u>			2023210531	2021286265	
2019460046	<u>G01N 33 /-</u>	2018238006	2023241315	<u>G06T 1 /-</u>	2023201189
		2019203434	<u>G06F 40 /-</u>		
<u>G01B 11 /-</u>	2016423082	2020427556		2023201028	<u>G10L 17 /-</u>
2021207767	2017327828	<u>G05B 23 /-</u>	2018319444	<u>G06T 11 /-</u>	
2021428062	2017342088		2018322049		2023201189
	2018318017	2021282542	2023210530	<u>G06T 11 /-</u>	
<u>G01C 21 /-</u>	2018342105	<u>G05D 1 /-</u>	2023210531		<u>G10L 19 /-</u>
2017444223	2018385902		2023210541	2022235634	
2022258555	2019231783	2018399375	<u>G06F 7 /-</u>	2023210530	2020291776
2022275425	2020409995	2022275425		2023210531	2021269310
	2021200283	<u>G05D 7 /-</u>	2019201137	<u>G06T 19 /-</u>	2021331096
<u>G01F 1 /-</u>	2021236605		<u>G06F 8 /-</u>		
2018385902	2021296124	2018238006		2021339341	<u>G11C 15 /-</u>
	2022202947	<u>G06F 1 /-</u>	2018322049	2022271460	
<u>G01G 17 /-</u>	<u>G01N 35 /-</u>		<u>G06F 9 /-</u>	<u>G06T 7 /-</u>	<u>G11C 8 /-</u>
2018310754	2020336351	2017439358			
	2022202664	2021236529	2021223970	2021277144	2023241315
<u>G01J 5 /-</u>	<u>G01R 33 /-</u>	2023202432	2022235634	2021339341	
2020438872		<u>G06F 11 /-</u>	<u>G06K 17 /-</u>	2022201634	<u>G16H 50 /-</u>
	2017409283			2022202374	2018266253
	2018304409	2019239098	2022275425	<u>G06V 10 /-</u>	
			<u>G06M 7 /-</u>		<u>H01B 5 /-</u>
				2021277144	2020328374

Applications Accepted - IPC Index cont'd

<u>H01H 13 /-</u>	<u>H02G 1 /-</u>	<u>H03H 7 /-</u>	<u>H04W 28 /-</u>
2022211859	2021254603	2021313129	2018396636
<u>H01H 71 /-</u>	<u>H02G 15 /-</u>	<u>H04B 1 /-</u>	<u>H04W 36 /-</u>
2020396985	2018201506	2018293400	2021220811
<u>H01L 31 /-</u>	<u>H02G 3 /-</u>	<u>H04B 5 /-</u>	2021221208
2022235523	2020392728	2021328048	<u>H04W 4 /-</u>
2022283784	<u>H02G 5 /-</u>	<u>H04J 99 /-</u>	2018396636
<u>H01M 10 /-</u>	2022211859	2019203434	2021214781
2020310565	<u>H02J 1 /-</u>	<u>H04L 1 /-</u>	<u>H04W 56 /-</u>
2021218167	2022203915	2018409155	2017445534
<u>H01M 12 /-</u>	<u>H02J 13 /-</u>	2021252014	<u>H04W 72 /-</u>
2018231091	2018337982	2021254613	2018396636
<u>H01M 4 /-</u>	2021281863	<u>H04L 12 /-</u>	2018408015
2020310565	<u>H02J 3 /-</u>	2019230217	2019469001
<u>H01M 50 /-</u>	2019431775	2022201325	2020429220
2021218167	2021281863	<u>H04L 25 /-</u>	2021252014
<u>H01M 8 /-</u>	2022203915	2020348800	<u>H04W 76 /-</u>
2018256886	<u>H02J 50 /-</u>	<u>H04L 41 /-</u>	2020433395
<u>H01Q 1 /-</u>	2021328048	2021209616	<u>H05B 1 /-</u>
2018239528	<u>H02J 7 /-</u>	<u>H04L 65 /-</u>	2018333268
2019258584	2018333268	2021214781	<u>H05B 35 /-</u>
<u>H01Q 15 /-</u>	2021218167	<u>H04L 67 /-</u>	2018382919
2018239528	2021328048	2023201189	<u>H05G 1 /-</u>
<u>H01Q 19 /-</u>	<u>H02K 49 /-</u>	<u>H04L 69 /-</u>	2018312101
2018239528	2023214228	2018373682	<u>H05K 5 /-</u>
<u>H01Q 21 /-</u>	<u>H02K 7 /-</u>	<u>H04L 9 /-</u>	2019258584
2019258584	2023214228	2022201325	2020392728
<u>H01R 11 /-</u>	<u>H02K 9 /-</u>	2022204758	<u>H05K 7 /-</u>
2023200390	2020269749	<u>H04N 13 /-</u>	2020392728
<u>H01R 13 /-</u>	<u>H02M 1 /-</u>	2018390994	2021286252
2022211859	2019431775	<u>H04N 19 /-</u>	<u>H10N 60 /-</u>
<u>H01R 25 /-</u>	2021245033	2020206823	2022204698
2022211859	<u>H02M 7 /-</u>	2022283647	
<u>H01R 31 /-</u>	2019431775	2023202567	
2018332954	2020426967	<u>H04N 21 /-</u>	
<u>H01R 43 /-</u>	2021245033	2021250981	
202221535	2021317217	<u>H04W 12 /-</u>	
<u>H02B 1 /-</u>	<u>H02P 29 /-</u>	2022206815	
2020392728	2023214228	2023201454	
	<u>H02S 40 /-</u>	<u>H04W 24 /-</u>	
	2022235523	2021209616	
	<u>H02S 50 /-</u>	2021279510	
	2020453318		

Certified Innovation Patents**Name Index**

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

Australian Nuclear Science and Technology Organisation see Iluka Resources Limited

(21) 2021107677

(71) Iluka Resources Limited; Australian Nuclear Science and Technology Organisation

(11) AU-B-2021107677

(21) 2021107677 **(22)** 11.11.2021

(54) Mineral sand particulate processing

(51) Int. Cl.

C22B 1/06 (2006.01)

C01G 25/06 (2006.01)

C04B 35/48 (2006.01)

C04B 35/626 (2006.01)

C04B 41/91 (2006.01)

C22B 1/26 (2006.01)

C22B 34/14 (2006.01)

F27B 7/06 (2006.01)

F27B 7/08 (2006.01)

F27B 7/36 (2006.01)

(45) 16.11.2023

(62) 2021221762

(72) Bernard, Nick; Bultitude-Paull, John; Gough, Ian; Griffiths, Chris; DeMol, John; Manis, Adrian; Roper, Adam

(74) FPA Patent Attorneys Pty Ltd

Numerical Index

2021107677 Iluka Resources Limited; Australian Nuclear Science
and Technology Organisation

IPC Index

C01G 25 /-

2021107677

C04B 35 /-

2021107677

C04B 41 /-

2021107677

C22B 1 /-

2021107677

C22B 34 /-

2021107677

F27B 7 /-

2021107677

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn

2016251687 **CureVac SE** (BioNTech RNA Pharmaceuticals GmbH)

Patents Granted

Standard Patents

2016211049	2016348840	2016376356	2016429418
2017210514	2017219010	2017225350	2017248452
2017251983	2017253089	2017253107	2017265024
2017277304	2017277565	2017325009	2017326347
2017329902	2017346492	2017347595	2017351810
2017353112	2017362067	2017362331	2017365438
2017367529	2017372695	2017376731	2017382837
2017382934	2017388136	2017394478	2017396982
2017401570	2017423261	2017428934	2017443717
2017444616	2018201178	2018204593	2018207033
2018208822	2018210218	2018210421	2018211007
2018211020	2018211427	2018212810	2018213039
2018213890	2018216893	2018217684	2018219427
2018221282	2018226085	2018227019	2018230985
2018231118	2018234572	2018234628	2018240865
2018241072	2018241892	2018246310	2018250356
2018251756	2018253883	2018260909	2018265885
2018271034	2018273963	2018278211	2018279036
2018279728	2018288004	2018289391	2018291052
2018297572	2018301466	2018301809	2018302834
2018303330	2018307756	2018309726	2018314280
2018315828	2018317485	2018343320	2018346321
2018346562	2018346569	2018355545	2018355897
2018372918	2018375186	2018375287	2018380979
2018438788	2018440297	2019204126	2019207468
2019214587	2019219312	2019221559	2019222477
2019226622	2019228500	2019233783	2019237880
2019247776	2019250427	2019252817	2019261433
2019274654	2019276924	2019277210	2019280305
2019282316	2019292004	2019296512	2019315328
2019327360	2019333309	2019355429	2019356918
2019364883	2019373096	2019400384	2019401055
2019411076	2019418679	2019429755	2019454248
2019454505	2020206777	2020209330	2020217461
2020223364	2020225795	2020230273	2020231886
2020235041	2020235397	2020240972	2020245070
2020246953	2020253566	2020262057	2020265821
2020273330	2020275488	2020276522	2020278806
2020280677	2020283173	2020286014	2020295566
2020297401	2020301331	2020301443	2020304356
2020315959	2020319821	2020322059	2020323981
2020324805	2020326302	2020327508	2020327518
2020332813	2020336048	2020338796	2020346707
2020362582	2020366138	2020366736	2020373330
2020375960	2020393659	2020397366	2020400015
2020402099	2020403281	2020407738	2020409697
2020410356	2020412559	2020418832	2020431710
2020437435	2021202089	2021202553	2021202606
2021202611	2021203005	2021203053	2021204120
2021204128	2021204205	2021204285	2021204635
2021204648	2021204814	2021205017	2021206784
2021208299	2021210923	2021212114	2021215131
2021221473	2021221915	2021225235	2021225776
2021226758	2021229225	2021229247	2021232673
2021232725	2021232733	2021241522	2021243288
2021245135	2021245136	2021249948	2021250879
2021250906	2021250927	2021258843	2021261839
2021261929	2021269285	2021271835	2021272454
2021273796	2021273879	2021282469	2021286269
2021286304	2021286423	2021290277	2021290378

Patents Granted

Standard Patents

2021290404	2021298066	2021308639	2021330302
2021333271	2021338496	2021338586	2021350078
2021358749	2021358846	2021364429	2021370223
2021409007	2021410745	2021452413	2022200177
2022200448	2022200449	2022200505	2022200637
2022201113	2022201209	2022202161	2022202440
2022202746	2022202932	2022203548	2022203997
2022204035	2022204103	2022204211	2022204537
2022204569	2022204624	2022205223	2022205410
2022256094	2022259733	2022315394	

Innovation Patents

2019101851	2020104496	2023100089	2023100090
2023100091			

Offer to Surrender

It is hereby notified that **Arch Oncology, Inc. 4320 Forest Park Ave. Suite 303 , St. Louis MO 63108** , the Patentee of Patent 2016324316 dated 25.05.2023 for an invention titled ' Therapeutic CD47 antibodies' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **Casne Verige Pty Ltd P.O. Box 421 , Blackwood SA 5051** , the Patentee of Patent 2019204860 dated 01.07.2021 for an invention titled ' TRAINING DEVICE' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Assignments Registered

2006204678 ShowerStart, LLC The patent has been assigned to **AM Conservation Group**

2006225321 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2006265576 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2006283649 Murphy, Kieran The patent has been assigned to **Murphy, Kieran**

2006292505 Anuvia Plant Nutrients Holdings, Inc. The patent has been assigned to **PROFILE Products LLC**

2007202458 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2007214320 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2007240222 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2007259266 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2007260586 Eureka AgResearch Pty Ltd The patent has been assigned to **Elders Toll Formulation Pty Ltd**

2007264698 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2007269784 EURO-CELTIQUE S.A. The patent has been assigned to **LIGHT SCIENCES ONCOLOGY, INC.**

2007280799 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

Assignments Registered

2007307604 EURO-CELTIQUE S.A. The patent has been assigned to **LIGHT SCIENCES ONCOLOGY, INC.**

2008201130 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2008212121 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2008216035 Anuvia Plant Nutrients Holdings, Inc. The patent has been assigned to **PROFILE Products LLC**

2008220396 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2008234064 Laccure AB The patent has been assigned to **Combe International, LLC**

2008236332 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2008243081 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2008278586 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2008283726 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2008331073 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2008361871 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2008362036 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2009260382 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2009333689 WEST COAST TRENDS, INC. The patent has been assigned to **Acushnet Company**

2010201236 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2010201386 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2010212083 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2010241187 Murphy, Kieran The patent has been assigned to **Murphy, Kieran**

2010250829 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2010266120 MerLion Pharmaceuticals GmbH The patent has been assigned to **Curofin Pharma GmbH**

2010308036 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2010330690 Eureka! AgResearch (Vic) Pty Ltd The patent has been assigned to **Elders Toll Formulation Pty Ltd**

2010334436 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

Assignments Registered

2011202948 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2011214010 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2011266681 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2011288147 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2011288220 Koninklijke Philips Electronics N.V. The patent has been assigned to **Versuni Holding B.V.**

2011288644 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2012201007 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2013292179 Laccure AB The patent has been assigned to **Combe International, LLC**

2013356488 MerLion Pharmaceuticals GmbH The patent has been assigned to **Curofin Pharma GmbH**

2014200484 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2014204444 Eureka! AgResearch Pty Ltd The patent has been assigned to **Elders Toll Formulation Pty Ltd**

2014246737 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2014273848 Hanns, David The patent has been assigned to **Drillterra Technologies Pty Ltd**

2014274577 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2014313885 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2014326794 Giner Life Sciences, Inc. The patent has been assigned to **Giner, Inc.**

2014327497 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2014338948 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2014365075 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2014375282 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2014375393 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2015201868 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2015203412 WEST COAST TRENDS, INC. The patent has been assigned to **Acushnet Company**

2015234298 DHS (AUST) PTY LTD The patent has been assigned to **Imdex Technologies Pty Ltd**

Assignments Registered

20152482541 Ossid Limited The patent has been assigned to **Zimmer GmbH**

2015248963 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2015282727 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2015326989 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2015352807 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2015354408 Hanns, David The patent has been assigned to **Drillterra Technologies Pty Ltd**

2015360485 Mamluk, Roni; Gelbaum, Dana; Amryt Endo, Inc. The patent has been assigned to **Amryt Endo, Inc.**

2016202189 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2016274949 Piedmont Animal Health Inc. The patent has been assigned to **Dechra Veterinary Products, LLC**

2016290352 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2016303472 Vascular Biogenics Ltd. The patent has been assigned to **ImmuneWalk Therapeutics, Inc.**

2016303474 Vascular Biogenics Ltd. The patent has been assigned to **ImmuneWalk Therapeutics, Inc.**

2016406891 General Electric Company The patent has been assigned to **General Electric Technology GmbH**

2017224029 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2017232340 Lucira Health, Inc. The patent has been assigned to **Pfizer Inc.**

2017232342 Lucira Health, Inc. The patent has been assigned to **Pfizer Inc.**

2017232343 Lucira Health, Inc. The patent has been assigned to **Pfizer Inc.**

2017232344 Lucira Health, Inc. The patent has been assigned to **Pfizer Inc.**

2017252575 Receptor Holdings, Inc. The patent has been assigned to **Spoke Sciences, Inc.**

2017257098 Schmiedestück-Vertrieb Feuerstein GmbH The patent has been assigned to **Crosby Germany GmbH**

2017257099 Schmiedestück-Vertrieb Feuerstein GmbH The patent has been assigned to **Crosby Germany GmbH**

2017258828 Ossid Limited The patent has been assigned to **Zimmer GmbH**

2017258833 Ossid Limited The patent has been assigned to **Zimmer GmbH**

2017307335 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

Assignments Registered

2017326739 Blindware Pty Ltd The patent has been assigned to **HUNTER DOUGLAS LIMITED**

2017361260 Giner Life Sciences, Inc. The patent has been assigned to **Giner, Inc.**

2017362331 Giner Life Sciences, Inc. The patent has been assigned to **Giner, Inc.**

2018210414 CoolSystems, Inc. The patent has been assigned to **Avent, Inc.**

2018219437 Boehringer Ingelheim Animal Health USA Inc. The patent has been assigned to **Boehringer Ingelheim Vetmedica GmbH**

2018226522 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2019100983 Ossid Limited The patent has been assigned to **Zimmer GmbH**

2019215324 Yueqing Yewei Electric Co., Ltd The patent has been assigned to **Zhejiang Aoelec Electrical Co.,Ltd**

2019351502 DGI Tech (Qing Dao) Co., Limited The patent has been assigned to **Qingdao MGI Tech Co.,Ltd**

2020103103 Ossid Limited The patent has been assigned to **Zimmer GmbH**

2020229117 Mitsubishi Power, Ltd.; Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries Engineering, Ltd.; Mitsubishi Heavy Industries, Ltd.**

2020317060 Eureka! AgResearch Pty Ltd The patent has been assigned to **Elders Toll Formulation Pty Ltd**

2020387734 Eureka! AgResearch Pty Ltd The patent has been assigned to **Elders Toll Formulation Pty Ltd**

2021103406 CP-IP Limited The patent has been assigned to **Narelain Innovations Pty Limited**

2021292383 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2021295396 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

2021298066 Koninklijke Philips N.V. The patent has been assigned to **Versuni Holding B.V.**

Licences Registered - Section 187, Reg. 19

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

2013357548 Autostore Technology AS (Ocado)

2015276279 Autostore Technology AS (Ocado)

2016204657 Autostore Technology AS (Ocado)

2016219545 Autostore Technology AS (Ocado)

2019204983 Autostore Technology AS (Ocado)

2021204312 Autostore Technology AS (Ocado)

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.

2010306954 **Bristol-Myers Squibb Company**

The earliest first regulatory approval date provided by the patentee 27 Jul 2023

For the goods NURTEC ODT rimegepant

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.

2013365873 **Pfizer Inc.**

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

For the goods Prevenar pneumococcal purified capsular polysaccharides

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

2018204421 **Pfizer Inc.**

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

For the goods Prevenar 20 pneumococcal purified capsular polysaccharides

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

2020205297 **Auspex Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 02 Jun 2021

For the goods AUSTEDO deutetrabenazine

Address for service : Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

Corrigenda

In Vol 57 , No 42 , Page(s) 6141 under the heading **Assignments Registered** Under the name Bioorganics UFT B.V. , Application No. 2008271359, under INID (71) correct the name to Biorganics UFT B.V.

In Vol 57 , No 43 , Page(s) 6159 under the heading **Amendments - Application for Amendments** Under the name Astellas Pharma Inc., Application No. 2002344419 correct the date of the statements filed to read 30 Aug 2023 and 3 Oct 2023

In Vol 57 , No 43 , Page(s) 6203 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name HOFFMANN-LA ROCHE INC., Application No. 2022300325, under INID (71) add co-applicant F. HOFFMANN-LA ROCHE AG

Specifications Republished

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

2019347406 **Asahi Kasei Pharma Corporation**

Specifications Republished

2022238450	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2022242754	LIFEEDIT THERAPEUTICS, INC.
2022242830	CONTRAFECT CORPORATION
2022243540	RAMOT AT TEL-AVIV UNIVERSITY LTD.
2022243931	ZYMEWORKS BC INC.
2022244114	JANSSEN BIOTECH, INC.
2022244124	T3 PHARMACEUTICALS AG
2022244224	GEN1E LIFESCIENCES INC.
2022244453	JANSSEN BIOTECH, INC.
2022244995	TECHNISCHE UNIVERSITEIT DELFT
2022245277	ASTRAZENECA AB
2022246283	RAMOT AT TEL-AVIV UNIVERSITY LTD.
2022246842	MERUS N.V.; INCYTE CORPORATION
2022249381	MATRIVAX, INC.
2022249423	BAYLOR COLLEGE OF MEDICINE
2022249834	EQUINORM LTD
2022252297	NORTHWESTERN UNIVERSITY
2022253902	PROFOUNDBIO US CO.
2022257093	CELGENE CORPORATION
2022258567	ACEPODIA BIOTECHNOLOGIES LTD.
2022258570	THE UNITED STATES GOVERNMENT as represented by THE DEPARTMENT OF VETERANS AFFAIRS
2022259568	UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK
2022260285	WALKING FISH THERAPEUTICS, INC.
2022260466	BIONTECH SE
2022260554	INSUSENSE APS
2022260698	OXFORD UNIVERSITY INNOVATION LIMITED
2022260700	IMPERIAL COLLEGE INNOVATIONS LIMITED
2022260842	BIOND BIOLOGICS LTD.
2022261265	MICROBIO (SHANGHAI) CO., LTD.
2022261654	MACQUARIE UNIVERSITY
2022261885	WALKING FISH THERAPEUTICS, INC.
2022262046	NANJING LEGEND BIOTECH CO., LTD.
2022262176	VERSAMEB AG
2022262282	IMPERIAL COLLEGE INNOVATIONS LIMITED
2022262318	FERRING B.V.
2022262365	ASIMOV INC.
2022262422	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
2022262595	CUE BIOPHARMA, INC.
2022262606	INDAPTA THERAPEUTICS, INC.
2022262644	PROFOUNDBIO US CO.
2022262648	BAYLOR COLLEGE OF MEDICINE
2022262697	IMPERIAL COLLEGE INNOVATIONS LIMITED
2022262771	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2022262784	ASIMOV INC.
2022262794	GANNA BIO, INC.; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY;
2022263281	THE CHILDREN'S MEDICAL CENTER CORPORATION; BETH ISRAEL DEACONESS MEDICAL CENTER, INC.
2022263441	MEDIMMUNE LIMITED
2022263986	CUE BIOPHARMA, INC.
2022264006	AMGEN INC.
2022264339	THE CHILDREN'S HOSPITAL OF PHILADELPHIA
2022264593	MINOTAUR THERAPEUTICS, INC.
2022264597	TRISALUS LIFE SCIENCES, INC.
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