



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

Applications for Amendment	3934
Amendments Made	3935
Alteration of Name(s) of Applicant(s)/Patentee(s)	3937

Applications Accepted

Name Index	4020
Numerical Index	4052
IPC Index	4055

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired	3930
-------------------------------------------------------------------------------	------

Applications Open to Public Inspection

Name Index	3940
Numerical Index	3954
IPC Index	3956

Assignments before Grant, Section 113	3932
---------------------------------------------	------

Assignments Registered	4065
------------------------------	------

Certified Innovation Patents

Name Index	4061
Numerical Index	4062
IPC Index	4063

Complete Applications Filed

Name Index	3918
Numerical Index	3926

Corrigenda	4066
------------------	------

Extensions of Term of Standard Patents	4065
----------------------------------------------	------

Extensions of Time, Section 223	3933
Innovation Patent Applications Filed	
Name Index	3928
Numerical Index	3929
PCT applications which have entered the National Phase	
Name Index	3958
Numerical Index	4007
IPC Index	4012
Patents Granted	4064
Licences Registered	4065
Offer to Surrender	4065
Opposition Proceedings	4064
Provisional Applications Filed	
Name Index	3914
Numerical Index	3917
Specifications Republished	4066

General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

- (i) Provisional Applications Filed,
- (ii) Complete Applications Filed,
- iii) Applications Open to Public Inspection
- (iv) Applications Accepted, and
- (v) Innovation Patent Certified.

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

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

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

Using the Indices

1. 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 applications filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

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

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

2. 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.
- (44) 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.
- (45) 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.

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 14 July 2022

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Eigen Technology Pty Ltd v CTA Australia Pty Ltd [2022] APO 44

Patent: 2008202373

Title: Tactile ground surface indicator

Patentee: CTA Australia Pty Ltd

Opponent: Eigen Technology Pty Ltd

Delegate: Benjamin Norman

Decision Date: 30 June 2022

Hearing Date: Written submissions filed on 28 July 2021

Catchwords: **PATENTS** - request under sub regulation 5.17 - request for dismissal of opposition to grant of leave to amend – Section 102(1) – opposition to proceed

Representation: Patent attorney for the applicant: Davies Collison Cave Pty Ltd
Patent attorney for the opponent: Churchill Attorneys

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 14 July 2022

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Brown & Watson International P/L v The NOCO Company [2022] APO 45

Patent Applications: 2019201559 & 2020201223

Title: Portable vehicle battery jump start apparatus with safety protection

Patent Applicant: The NOCO Company

Opponent: Brown & Watson International P/L

Delegate: S. E. Howard

Decision Date: 4 July 2022

Hearing Date: 21st-22nd April 2022, video conference

Catchwords: **PATENTS** – opposition to the grant of patent – s 59 – utility – clear enough and complete enough disclosure – clarity – clear claims – lack of support – priority date of the claims – novelty – implicit disclosure – inventive step – opposition unsuccessful on all grounds

Representation: Counsel for the applicant: Ian Horak
Patent attorney for the applicant: Ray Tettman from Griffith Hack
Counsel for the opponent: Sam Hallahan
Patent attorney for the opponent: Adrian Crooks from Phillips Ormonde Fitzpatrick

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 14 July 2022

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Nufarm Australia Limited v Corteva Agriscience [2022] APO 46

Patent Application: 2017261483

Title: Compounds derived from herbicidal carboxylic acids and tetraalkylammonium or (arylalkyl) trialkylammonium hydroxides

Patent Applicant: Corteva Agriscience LLC

Opponent: Nufarm Australia Limited

Delegate: K. Wagg

Decision Date: 6 July 2022

Hearing Date: 19 May 2021

Catchwords: **PATENTS** – section 59 opposition to the grant of a patent – opposition successful on ground of novelty and inventive step – use of choline hydroxide in D2 – costs awarded against the Applicant.

Representation: Counsel for the Applicant: Craig Smith
Patent attorney for the Applicant: FPA Patent Attorneys
Counsel for the Opponent: Benjamin Fitzpatrick
Patent attorneys for the Opponent: Arcadia Intellectual Property

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 28 Jun 2022 .

(71) Advanced Ground Solutions Pty Ltd (21) 2022901783 (22) 27.06.2022 (54) IMPROVED FOOTING PLATE	(71) Austral Oceanic Services Pty Ltd (21) 2022901800 (22) 28.06.2022 (54) Methodology to improve the efficiency of combustion of a fuel and to reduce the toxic emissions from that combustion using water	(71) Breville Pty Limited (21) 2022901849 (22) 30.06.2022 (54) Food processor
(71) Agresta, F. (21) 2022901870 (22) 04.07.2022 (54) Rotary Mechanical Device	(71) Avicena Systems Limited (21) 2022901822 (22) 29.06.2022 (54) Prefilled Assay Microplates	(71) Breville Pty Limited (21) 2022901852 (22) 30.06.2022 (54) System and method for dispensing a consumable material
(71) Algesacooling Pty Ltd (21) 2022901805 (22) 29.06.2022 (54) AN IMPROVED REFRIGERATION EVAPORATOR	(71) BC House Pty Ltd (21) 2022901840 (22) 30.06.2022 (54) A SYSTEM AND A METHOD TO FACILITATE A PROPERTY PURCHASING EXPERIENCE ON A SINGLE PLATFORM	(71) Building Group Pty Ltd (21) 2022901835 (22) 30.06.2022 (54) A connector for securing a component to a support
(71) Algesacooling Pty Ltd (21) 2022901825 (22) 29.06.2022 (54) AN IMPROVED REFRIGERATION EVAPORATOR	(71) Bennett, D. (21) 2022901799 (22) 28.06.2022 (54) Smart Mask	(71) Burhoven-Jaspers, N. (21) 2022901808 (22) 29.06.2022 (54) Generator Assembly
(71) Alloy Steel Australia (Int) Pty Ltd (21) 2022901843 (22) 30.06.2022 (54) FLEXIBLE WEAR PLATE FIXING DEVICE	(71) Bluevault Pty Ltd (21) 2022901858 (22) 01.07.2022 (54) Belt-conveyor	(71) Buzzworks Pty Ltd (21) 2022901814 (22) 29.06.2022 (54) ADAPTER BETWEEN COMBAT HELMET ANCILLARY RAIL AND FACIAL MANDIBULAR PROTECTION
(71) Angelico, P. (21) 2022901810 (22) 29.06.2022 (54) Stanchion for modular railing system and associated construction method and kit	(71) Breville Pty Limited (21) 2022901829 (22) 30.06.2022 (54) Cooking appliance	(71) Cascone, E. (21) 2022901866 (22) 01.07.2022 (54) Improvements in ride-on mowers
(71) AQUIRIAN TECHNOLOGY PTY LTD (21) 2022901809 (22) 29.06.2022 (54) REFLECTOR FOR POWER CABLE	(71) Breville Pty Limited (21) 2022901830 (22) 30.06.2022 (54) System and Method for Detecting a Fluid Level	(71) Chisholm, J. (21) 2022901851 (22) 30.06.2022 (54) PROCESS FOR CREATING NON-DEGRADABLE COPIES OF MNEMONIC SEEDS AND ALPHANUMERIC CODES
(71) AUSTRALIAN SCIENCES (21) 2022901853 (22) 01.07.2022 (54) Self infusing dihydromyricetin concentrate.	(71) Breville Pty Limited (21) 2022901832 (22) 30.06.2022 (54) Kitchen appliance	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022901848 (22) 30.06.2022 (54) On-site and confirmatory testing
	(71) Breville Pty Limited (21) 2022901845 (22) 30.06.2022 (54) A kitchen appliance	

Provisional Applications Filed - Name Index cont'd

(71) Crombie, S.
(21) 2022901796 (22) 27.06.2022
(54) Battery powered water circulating apparatus

(71) CSL Behring AG
(21) 2022901797 (22) 28.06.2022
(54) Method of monitoring parameters in turbid solutions

(71) Deakin University
(21) 2022901836 (22) 30.06.2022
(54) SOLID-STATE GAS SORPTION, STORAGE AND SEPARATION

(71) Deakin University
(21) 2022901847 (22) 30.06.2022
(54) RAPID BATTERY FORMATION PROTOCOLS

(71) Deimos Laboratory Pty Ltd
(21) 2022901846 (22) 30.06.2022
(54) An apparatus and method for visual inspection

(71) ECHOIQ Limited
(21) 2022901868 (22) 01.07.2022
(54) SYSTEMS AND METHODS FOR AI-ASSISTED ECHOCARDIOGRAPHY

(71) Emyria
(21) 2022901861 (22) 01.07.2022
(54) Cannabinoid Dosage Form

(71) Enfinity Pty Ltd
(21) 2022901801 (22) 28.06.2022
(54) RADIO ANTENNA

(71) Enfinity Pty Ltd
(21) 2022901828 (22) 30.06.2022
(54) CB RADIO

(71) FASTBRICK IP PTY LTD
(21) 2022901850 (22) 30.06.2022
(54) 3D CONSTRUCTION PRINTING, CONCRETE PUMPING AND SCREEDING IMPROVEMENTS

(71) Fixed PM Pty Ltd
(21) 2022901859 (22) 01.07.2022
(54) METHOD AND SYSTEM FOR OPTIMALLY ALLOCATING WORK UNITS TO AVAILABLE RESOURCES IN A PROJECT BASED ON SKILL

(71) Fleet Space Technologies Pty Ltd
(21) 2022901792 (22) 27.06.2022
(54) Small LEO Satellite Systems and Methods

(71) Fliteboard Pty Ltd
(21) 2022901803 (22) 28.06.2022
(54) Modular Propulsion System

(71) GenieUs Genomics Pty Ltd
(21) 2022901811 (22) 29.06.2022
(54) New treatment for neurodegenerative diseases

(71) GeoSIP Pty Ltd
(21) 2022901812 (22) 29.06.2022
(54) STRUCTURAL BLOCK WALL SYSTEM AND METHOD

(71) Guinea ePropulsion Pty Ltd
(21) 2022901838 (22) 30.06.2022
(54) AN AXIAL FLUX PERMANENT MAGNET APPARATUS

(71) Harris, J.
(21) 2022901855 (22) 01.07.2022
(54) POWER CONTROL SYSTEM FOR AN AIR CONDITIONING UNIT

(71) Hella New Zealand Ltd
(21) 2022901841 (22) 30.06.2022
(54) SYSTEM FOR DETECTING OBSCURANTS ON A VEHICLE LAMP

(71) Holland, A.
(21) 2022901802 (22) 28.06.2022
(54) A Fastening Assembly for Decking

(71) Holloway Engineering Services
(21) 2022901869 (22) 03.07.2022
(54) Trailer + ute toolbox anti-theft alarm system

(71) JWL Marketing Pty Ltd
(21) 2022901831 (22) 30.06.2022
(54) Welding Trolley

(71) Lam, T.T.
(21) 2022901806 (22) 29.06.2022
(54) ADAPTIVE FLEXIBLE HYBRID ENERGY SYSTEMS OF SOLAR, WAVE AND WIND

(71) LEAKSTER PTY LTD
(21) 2022901876 (22) 04.07.2022
(54) A LEAK DETECTION SYSTEM

(71) Matthews, L.
(21) 2022901779 (22) 24.06.2022
(54) A-New Basketball Goal Ring, & a New Basketball Game

(71) Matthews, L.
(21) 2022901780 (22) 24.06.2022
(54) A Veriable Endlesly Car

(71) Matthews, L.
(21) 2022901781 (22) 24.06.2022
(54) Invention of The Present Well Developed & Electric Car

(71) Matthews, L.
(21) 2022901782 (22) 24.06.2022
(54) The Fish Catcher

(71) MGX Enterprise Pty Ltd
(21) 2022901823 (22) 29.06.2022
(54) Product Life Cycle Monitoring System and Waste Storage Therefor

(71) Middleton, B.
(21) 2022901867 (22) 01.07.2022
(54) Smoking Implement

(71) millemaggi, f.
(21) 2022901872 (22) 04.07.2022
(54) Metal batten clip for plasterboard ceiling assistants

(71) Mitsopoulos, J.
(21) 2022901857 (22) 01.07.2022
(54) COMPUTER IMPLEMENTED SYSTEM AND METHOD ENABLING USERS TO RECEIVE DATA RELATING TO AN ITEM OF INTEREST

(71) NewSouth Innovations Pty Limited
(21) 2022901863 (22) 01.07.2022
(54) Biosensor

(71) Orbital Australia Pty Ltd
(21) 2022901839 (22) 30.06.2022
(54) A Method and System of Controlling Internal Combustion Engine of a UAV

(71) Paul Quigley Contracting
(21) 2022901815 (22) 29.06.2022
(54) Pintle assembly

(71) Pharmaxis Ltd.
(21) 2022901854 (22) 01.07.2022
(54) Dual inhibitors of amine oxidases and peroxidases, and uses thereof

(71) Pisanelli, R.
(21) 2022901864 (22) 01.07.2022
(54) Dedingler (product for foreign objects removal for animals)

Provisional Applications Filed - Name Index cont'd

(71) Poidevin, M.
(21) 2022901816 (22) 29.06.2022
(54) COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR AUTHENTICATING DOCUMENTS

(71) RACE Oncology Ltd
(21) 2022901791 (22) 27.06.2022
(54) TREATMENT OF MELANOMA

(71) RACE Oncology Ltd
(21) 2022901827 (22) 30.06.2022
(54) METHOD OF CARDIOPROTECTION

(71) READ, L.
(21) 2022901818 (22) 29.06.2022
(54) Feminine hygiene product

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2022901833

ResMed Corp. see ResMed Pty Ltd
(21) 2022901833

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.; ResMed Corp.
(21) 2022901833 (22) 30.06.2022
(54) PATIENT INTERFACE AND MATERIALS FOR PATIENT INTERFACE COMPONENTS

(71) Robbs, W.
(21) 2022901795 (22) 27.06.2022
(54) Process of extracting water from sand to be used for the capture of carbon from emissions/greenhouse gas and in electrical storage batteries.

(71) Royal Melbourne Institute of Technology
(21) 2022901844 (22) 30.06.2022
(54) Ammonia-fuelled engine

(71) RSD Holdings Limited
(21) 2022901875 (22) 04.07.2022
(54) REUSABLE MOISTURE RETAINING ARTICLE

(71) S.KIT
(21) 2022901862 (22) 01.07.2022
(54) Camera Mount Accessory Kit

(71) Saluda Medical Pty Ltd
(21) 2022901856 (22) 01.07.2022
(54) METHODS AND SYSTEMS FOR MONITORING NEUROSTIMULATION THERAPY

(71) Scullion, M.
(21) 2022901874 (22) 04.07.2022
(54) Invariant Spatial Frequency

(71) Shanti Therapeutics Pty Ltd
(21) 2022901804 (22) 29.06.2022
(54) A method of treatment

(71) Steam Capital Pty Ltd
(21) 2022901860 (22) 01.07.2022
(54) Luv Your Lobes

(71) Sunshine Refuellers Pty Ltd
(21) 2022901842 (22) 30.06.2022
(54) Valve control device for testing aircraft refuelling hydrant dispensers

(71) Talga Technologies Limited
(21) 2022901793 (22) 27.06.2022
(54) Magnesium Reduction of Silica

(71) Talga Technologies Limited
(21) 2022901820 (22) 29.06.2022
(54) Graphite Material Purification Process

(71) Talga Technologies Limited
(21) 2022901821 (22) 29.06.2022
(54) Composite Anode Material and Method for Producing Same

(71) The University of Melbourne
(21) 2022901837 (22) 30.06.2022
(54) Organoboron protecting groups, and processes using same

(71) The University of Queensland
(21) 2022901877 (22) 04.07.2022
(54) Biocompatible implantable scaffold

(71) The University of Western Australia
(21) 2022901871 (22) 04.07.2022
(54) METHOD AND SYSTEM FOR ASSESSING STRUCTURAL INTEGRITY OF EXPANDABLE

(71) University of Sydney
(21) 2022901817 (22) 29.06.2022
(54) SIGNAL STRENGTH PREDICTION IN COMPLEX ENVIRONMENTS

(71) University of Tasmania
(21) 2022901834 (22) 30.06.2022
(54) RECEPTOR MODULATORS AND METHODS

(71) VKAA Pty Ltd
(21) 2022901819 (22) 29.06.2022
(54) MESH RETENTION APPARATUS

(71) WalkerSMB Manufacturing
(21) 2022901798 (22) 28.06.2022
(54) LADDER SUPPORT

(71) Weir Minerals Australia Ltd
(21) 2022901807 (22) 29.06.2022
(54) A pump shaft guard

(71) Whanauka Limited
(21) 2022901824 (22) 29.06.2022
(54) An Improved Seating Device

(71) Whanauka Limited
(21) 2022901826 (22) 29.06.2022
(54) An Improved Wheelchair

(71) White Graphene Limited
(21) 2022901789 (22) 27.06.2022
(54) PRODUCTION OF TWO-DIMENSIONAL NANOSHEETS BY PIN MILL

(71) Williams, B.
(21) 2022901794 (22) 27.06.2022
(54) A cloud based, modular, location sharing mobile application that enables consumers and enterprise, to use smart systems to manage safety and risk at locations using a subscription service model.

(71) Y4PS Biotechnology Pty Ltd
(21) 2022901770 (22) 26.06.2022
(54) Support 8

(71) Yu, L.
(21) 2022901873 (22) 04.07.2022
(54) Gel blaster accessory

Numerical Index

2022901770	Y4PS Biotechnology Pty Ltd	2022901852	Breville Pty Limited
2022901779	Matthews, L.	2022901853	AUSTRALIAN SCIENCES
2022901780	Matthews, L.	2022901854	Pharmaxis Ltd.
2022901781	Matthews, L.	2022901855	Harris, J.
2022901782	Matthews, L.	2022901856	Saluda Medical Pty Ltd
2022901783	Advanced Ground Solutions Pty Ltd	2022901857	Mitsopoulos, J.
2022901789	White Graphene Limited	2022901858	Bluevault Pty Ltd
2022901791	RACE Oncology Ltd	2022901859	Fixed PM Pty Ltd
2022901792	Fleet Space Technologies Pty Ltd	2022901860	Steam Capital Pty Ltd
2022901793	Talga Technologies Limited	2022901861	Emyria
2022901794	Williams, B.	2022901862	S.KIT
2022901795	Robbs, W.	2022901863	NewSouth Innovations Pty Limited
2022901796	Crombie, S.	2022901864	Pisanelli, R.
2022901797	CSL Behring AG	2022901866	Cascone, E.
2022901798	WalkerSMB Manufacturing	2022901867	Middleton, B.
2022901799	Bennett, D.	2022901868	ECHOIQ Limited
2022901800	Austral Oceanic Services Pty Ltd	2022901869	Holloway Engineering Services
2022901801	Enfinity Pty Ltd	2022901870	Agresta, F.
2022901802	Holland, A.	2022901871	The University of Western Australia
2022901803	Fliteboard Pty Ltd	2022901872	millemaggi, f.
2022901804	Shanti Therapeutics Pty Ltd	2022901873	Yu, L.
2022901805	Algesacooling Pty Ltd	2022901874	Scullion, M.
2022901806	Lam, T.T.	2022901875	RSD Holdings Limited
2022901807	Weir Minerals Australia Ltd	2022901876	LEAKSTER PTY LTD
2022901808	Burhoven-Jaspers, N.	2022901877	The University of Queensland
2022901809	AQUIRIAN TECHNOLOGY PTY LTD		
2022901810	Angelico, P.		
2022901811	GenieUs Genomics Pty Ltd		
2022901812	GeoSIP Pty Ltd		
2022901814	Buzzworks Pty Ltd		
2022901815	Paul Quigley Contracting		
2022901816	Poidevin, M.		
2022901817	University of Sydney		
2022901818	READ, L.		
2022901819	VKAA Pty Ltd		
2022901820	Talga Technologies Limited		
2022901821	Talga Technologies Limited		
2022901822	Avicena Systems Limited		
2022901823	MGX Enterprise Pty Ltd		
2022901824	Whanauka Limited		
2022901825	Algesacooling Pty Ltd		
2022901826	Whanauka Limited		
2022901827	RACE Oncology Ltd		
2022901828	Enfinity Pty Ltd		
2022901829	Breville Pty Limited		
2022901830	Breville Pty Limited		
2022901831	JWL Marketing Pty Ltd		
2022901832	Breville Pty Limited		
2022901833	ResMed Pty Ltd; ResMed Asia Pte. Ltd.; ResMed Corp.		
2022901834	University of Tasmania		
2022901835	Building Group Pty Ltd		
2022901836	Deakin University		
2022901837	The University of Melbourne		
2022901838	Guinea ePropulsion Pty Ltd		
2022901839	Orbital Australia Pty Ltd		
2022901840	BC House Pty Ltd		
2022901841	Hella New Zealand Ltd		
2022901842	Sunshine Refuellers Pty Ltd		
2022901843	Alloy Steel Australia (Int) Pty Ltd		
2022901844	Royal Melbourne Institute of Technology		
2022901845	Breville Pty Limited		
2022901846	Deimos Laboratory Pty Ltd		
2022901847	Deakin University		
2022901848	Commonwealth Scientific and Industrial Research Organisation		
2022901849	Breville Pty Limited		
2022901850	FASTBRICK IP PTY LTD		
2022901851	Chisholm, J.		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 28 Jun 2022 .

. (*) Title not in Roman characters

. (**) Title not given

<p>(71) 4Cabling Pty Ltd (21) 2022204553 (22) 28.06.2022 (54) Phase isolated electrical plug (31) 2021901960 (32) 29.06.21 (33) AU</p>	<p>(54) Oligonucleotide-ligand conjugates and process for their preparation (62) 2020202093</p>	<p>ultaneously displayed on an electronic device with a touch-sensitive display (62) 2021202302</p>
<p>(71) Abbott Diabetes Care Inc. (21) 2022204486 (22) 24.06.2022 (54) Lactate sensors and associated methods (62) 2019257152</p>	<p>(71) Alnylam Pharmaceuticals, Inc. (21) 2022204634 (22) 29.06.2022 (54) Angiopoietin-like 3 (ANGPTL3) iRNA compositions and methods of use thereof (62) 2016247922</p>	<p>(71) Apple Inc. (21) 2022204555 (22) 28.06.2022 (54) Methods and user interfaces for sharing audio (62) 2022201369</p>
<p>(71) Acer Incorporated (21) 2022204526 (22) 27.06.2022 (54) DEVICE OF HANDLING PUSCH TRANSMISSIONS (31) 17/846,036 (32) 22.06.22 (33) US 63/218,509 06.07.21 US</p>	<p>(71) AMETEK, INC. (21) 2022204614 (22) 29.06.2022 (54) TEMPERATURE DEPENDENT ELECTRONIC COMPONENT HEATING SYSTEM (31) 63/237,812 (32) 27.08.21 (33) US</p>	<p>(71) Apple Inc. (21) 2022204568 (22) 28.06.2022 (54) Health application user interfaces (62) 2020239692</p>
<p>(71) Adaptive Biotechnologies Corp.; Fred Hutchinson Cancer Research Center (21) 2022204608 (22) 29.06.2022 (54) Methods for diagnosing infectious disease and determining HLA status using immune repertoire sequencing (62) 2016222788</p>	<p>(71) Amgen Inc. (21) 2022204636 (22) 29.06.2022 (54) Device and method for making aseptic connections (62) 2020202687</p>	<p>(71) Aristocrat Technologies, Inc. (21) 2022204528 (22) 27.06.2022 (54) System and Method of Providing a Hold and Spin Game with Base Game Symbol Persistence (31) 17/844,180 (32) 20.06.22 (33) US 63/216,342 29.06.21 US 63/330,550 13.04.22 US</p>
<p>(71) AFI LICENSING LLC (21) 2022204621 (22) 29.06.2022 (54) FLOOR COATINGS COMPRISING A RESIN, A CURE SYSTEM AND DIAMOND PARTICLES AND METHODS OF MAKING THE SAME (62) 2017339964</p>	<p>(71) Amgen Inc. (21) 2022204648 (22) 29.06.2022 (54) Synthesis of omecamtiv mecarbil (62) 2018294254</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022204445 (22) 23.06.2022 (54) ELECTRONIC GAMING MACHINE (31) 2021903139 (32) 30.09.21 (33) AU</p>
<p>(71) Allergan, Inc. (21) 2022204607 (22) 29.06.2022 (54) Methods of treatment of ocular conditions with a sustained drug delivery implant (62) 2020204362</p>	<p>(71) Apple Inc. (21) 2022204465 (22) 24.06.2022 (54) Media capture lock affordance for graphical user interface (62) 2019218241</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022204451 (22) 23.06.2022 (54) GAMING DEVICE WITH WHEELS FOR AWARDED COMPOSITE FEATURES (31) 2021903149 (32) 01.10.21 (33) AU 2021903283 27.09.21 AU</p>
<p>(71) Alltech, Inc. (21) 2022204588 (22) 28.06.2022 (54) COMPOSITIONS OF SELENOORGANIC COMPOUNDS AND METHODS OF USE THEREOF (62) 2016222315</p>	<p>(71) Apple Inc. (21) 2022204472 (22) 24.06.2022 (54) Validating online access to secure device functionality (62) 2020203687</p>	<p>(71) Audatex North America, Inc. (21) 2022204633 (22) 29.06.2022 (54) A mobile system for generating a damaged vehicle insurance estimate (62) 2020202947</p>
<p>(71) Alnylam Pharmaceuticals, Inc. (21) 2022204575 (22) 28.06.2022</p>	<p>(71) Apple Inc. (21) 2022204485 (22) 24.06.2022 (54) Systems and methods for interacting with multiple applications that are sim-</p>	<p>(71) Augusta University Research Institute, Inc. (21) 2022204549 (22) 28.06.2022 (54) COMPOSITIONS FOR MODULATING PD-1 SIGNAL TRANSDUCTION (62) 2017370002</p>

Complete Applications Filed - Name Index cont'd

(71) AUTO DRIVE SOLUTIONS S.L.
(21) 2022204545 (22) 27.06.2022
(54) A vehicle guidance system
(62) 2016395036

(71) Axsome Therapeutics, Inc.
(21) 2022204521 (22) 27.06.2022
(54) DOSAGE FORMS AND METHODS FOR ENANTIOMERICALLY ENRICHED OR PURE BUPROPION
(62) 2019223187

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(21) 2022204573 (22) 28.06.2022
(54) Method and apparatus for encoding/decoding image
(62) 2019247240

(71) Bayer CropScience Aktiengesellschaft
(21) 2022204532 (22) 27.06.2022
(54) Method of reducing crop damage
(62) 2017320741

(71) Becton Dickinson and Company Limited
(21) 2022204547 (22) 28.06.2022
(54) Syringe adapter with aspiration assembly
(62) 2019257279

(71) BIOTECHNOLOGY, INC
(21) 2022204557 (22) 28.06.2022
(54) COMPOSITIONS COMPRISING PEDF-DERIVED SHORT PEPTIDES AND USES THEREOF
(62) 2017340245

(71) Bioverativ Therapeutics Inc.
(21) 2022204643 (22) 29.06.2022
(54) Factor IX polypeptides and methods of use thereof
(62) 2020200118

(71) Block, Inc.
(21) 2022204641 (22) 29.06.2022
(54) Verified purchasing by email
(62) 2021200725

(71) Bluebeam, Inc.
(21) 2022204624 (22) 29.06.2022
(54) Method of visually interacting with a document by dynamically displaying a fill area in a boundary
(62) 2018205358

(71) Blue Belt Technologies, Inc.
(21) 2022204620 (22) 29.06.2022
(54) System and methods for positioning bone cut guide

(71) Blue Belt Technologies, Inc.
(21) 2022204789 (22) 04.07.2022
(54) System and methods for positioning bone cut guide
(62) 2020200777

(71) Boston Scientific Neuromodulation Corporation
(21) 2022204462 (22) 24.06.2022
(54) Adjustment of analgesic stimulation parameters based on trust dynamic measurements
(62) 2019272566

(71) Boston Scientific Neuromodulation Corporation
(21) 2022204638 (22) 29.06.2022
(54) Paresthesia-free spinal cord stimulation system
(62) 2021204004

(71) Brunswick Corporation
(21) 2022204671 (22) 29.06.2022
(54) High Voltage Connector with Wet Contacts
(31) 17/391,796 (32) 02.08.21 (33) US

(71) Canva Pty Ltd
(21) 2022204492 (22) 24.06.2022
(54) Systems and methods for compressing vector graphics

(71) Cargotec Finland Oy
(21) 2022204468 (22) 24.06.2022
(54) Dynamic flex compensation, coordinated hoist control, and anti-sway control for load handling machines
(31) 20215750 (32) 24.06.21 (33) FI

(71) Carter-Hoffmann, LLC
(21) 2022204615 (22) 29.06.2022
(54) Door movement system for cabinet
(62) 2021263319

(71) Carver Scientific, Inc.
(21) 2022204616 (22) 29.06.2022
(54) Memory device and capacitive energy storage device
(62) 2017367692

(71) Celularity Inc.
(21) 2022204471 (22) 24.06.2022
(54) Methods of tissue generation
(62) 2020203731

(71) CFPH, LLC
(21) 2022204522 (22) 27.06.2022
(54) SYSTEM AND METHOD FOR CONVENIENCE GAMING
(62) 2020203521

(71) Chugai Seiyaku Kabushiki Kaisha
(21) 2022204600 (22) 29.06.2022
(54) Process of production with controlled copper ions
(62) 2016237086

(71) Clay Industries SDN BHD
(21) 2022204495 (22) 24.06.2022
(54) Ceramic flush water distributor for rimless toilet unit
(31) PI2021003664 (32) 29.06.21 (33) MY

(71) CleanSite Medical, Inc.
(21) 2022204713 (22) 30.06.2022
(54) Capping and cleansing devices for needlefree vascular access connectors
(62) 2020225386

(71) CNH Industrial America LLC
(21) 2022204619 (22) 29.06.2022
(54) System and method for destroying seeds in crop residue prior to discharge from agricultural harvester
(62) 2018204474

(71) ConMed Corporation
(21) 2022204566 (22) 28.06.2022
(54) REMOVABLE, ADJUSTABLE-LENGTH, SNAP-IN PORTAL SAVER, DECOUPLED FROM DERMAL FIXATION
(62) 2019355961

(71) CROWN EQUIPMENT CORPORATION
(21) 2022204611 (22) 29.06.2022
(54) Adjusting industrial vehicle performance
(62) 2016342176

CUNNINGHAM, I.A. see KARIM, K.S.
(21) 2022204651

(71) Deere & Company
(21) 2022204652 (22) 29.06.2022
(54) Pre-charging technique for dispensing product from tractor tool prior to reaching plant site
(31) 17/364,099 (32) 30.06.21 (33) US

(71) Deere & Company
(21) 2022204653 (22) 29.06.2022
(54) Methods, apparatus, and articles of manufacture to generate acquisition paths
(31) 17/364,347 (32) 30.06.21 (33) US

Direct Corporation see Virginia Commonwealth University
(21) 2022204450

Complete Applications Filed - Name Index cont'd

(71) eBay Inc. (21) 2022204483 (22) 24.06.2022 (54) Interface extension operations and interfaces in an item listing system (31) 17/359,353 (32) 25.06.21 (33) US	(54) Anti-transferrin receptor antibodies with tailored affinity (62) 2016282334	(54) Estimation program, estimation device and estimation method (31) 2021-160265 (32) 30.09.21 (33) JP
(71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) (21) 2022204551 (22) 28.06.2022 (54) Sensing platform (62) 2020294875	(71) F. Hoffmann-La Roche AG (21) 2022204666 (22) 29.06.2022 (54) Novel sulfonimidoylpurinone compounds and derivatives for the treatment and prophylaxis of virus infection (62) 2020256348	(71) Fulton Hogan Limited (21) 2022204550 (22) 28.06.2022 (54) PORTABLE BARRIER ARM FOR MANUAL TRAFFIC CONTROL (62) 2018205085
(71) Edwards Lifesciences Corporation (21) 2022204582 (22) 28.06.2022 (54) Prosthetic heart valve (62) 2020233732	(71) Factor Bioscience Inc. (21) 2022204659 (22) 29.06.2022 (54) Methods and products for transfecting cells (62) 2020202780	(71) Fybr (21) 2022204543 (22) 27.06.2022 (54) System for distributed intelligent remote sensing systems (62) 2017316645
(71) Edwards Lifesciences Corporation (21) 2022204586 (22) 28.06.2022 (54) Prosthetic heart valve (62) 2020233732	(71) Fisher & Paykel Healthcare Limited (21) 2022204436 (22) 23.06.2022 (54) BREATHING ASSISTANCE APPARATUS (62) 2020202201	(71) Geberit International AG (21) 2022204626 (22) 29.06.2022 (54) A mounting device for the detachable mounting of a fitting part on a toilet body (62) 2021200342
(71) Emesent IP Pty Ltd (21) 2022204622 (22) 29.06.2022 (54) Longwall mining control method and system (31) 2021902002 (32) 30.06.21 (33) AU	(71) Fisher & Paykel Healthcare Limited (21) 2022204437 (22) 23.06.2022 (54) BLOWER FOR BREATHING APPARATUS (62) 2017257444	(71) Genzyme Corporation (21) 2022204583 (22) 28.06.2022 (54) Enhanced delivery of viral particles to the striatum and cortex (62) 2016219398
(71) Equifax Inc. (21) 2022204452 (22) 23.06.2022 (54) Verification of electronic identity components (62) 2020245462	(71) Fisher & Paykel Healthcare Limited (21) 2022204647 (22) 29.06.2022 (54) FRAME AND HEADGEAR FOR RESPIRATORY MASK SYSTEM	(71) GE Video Compression, LLC (21) 2022204497 (22) 24.06.2022 (54) Transform coefficient coding (62) 2020244522
(71) Equifax Inc. (21) 2022204580 (22) 28.06.2022 (54) Optimizing automated modeling algorithms for risk assessment and generation of explanatory data (62) 2020210239	(71) Follea International (21) 2022204442 (22) 23.06.2022 (54) Method for stabilizing colorimetric assay for use with plucked human hair (31) 17/806,208 (32) 09.06.22 (33) US 63/364,837 17.05.22 US	(71) Gilead Sciences, Inc. (21) 2022204438 (22) 23.06.2022 (54) Thiaziazole IRAK4 inhibitors (62) 2019320770
Eureka Therapeutics, Inc. see Eureka Therapeutics, Inc. (21) 2022204639	(71) Form Brick Pty Ltd (21) 2022204499 (22) 24.06.2022 (54) IMPROVED PREFABRICATED BRICK INLAY PANELS (31) 2021901930 (32) 25.06.21 (33) AU 2021902476 10.08.21 AU	(71) GlaxoSmithKline Biologicals S.A. (21) 2022204487 (22) 24.06.2022 (54) Small liposomes for delivery of immunogen-encoding RNA (62) 2020205236
(71) Eureka Therapeutics, Inc.; Eureka Therapeutics, Inc. (21) 2022204639 (22) 29.06.2022 (54) Constructs Targeting AFP Peptide/MHC Complexes And Uses Thereof (62) 2016243026	(71) Forty Seven, Inc. (21) 2022204618 (22) 29.06.2022 (54) Anti-SIRP-alpha antibodies and related methods (62) 2018308364	(71) GlaxoSmithKline Biologicals S.A. (21) 2022204491 (22) 24.06.2022 (54) Small liposomes for delivery of immunogen-encoding RNA (62) 2020205236
(71) F. Hoffmann-La Roche AG (21) 2022204481 (22) 24.06.2022 (54) Method for configuring diabetes management device by healthcare provider (62) 2020202859	Fred Hutchinson Cancer Research Center see Adaptive Biotechnologies Corp. (21) 2022204608	(71) HALL RB Pty Ltd (21) 2022204598 (22) 28.06.2022 (54) Soil stabiliser (62) 2021238498
(71) F. Hoffmann-La Roche AG (21) 2022204500 (22) 24.06.2022	(71) Fujitsu Limited (21) 2022204448 (22) 23.06.2022	(71) Hemideina Pty Ltd (21) 2022204546 (22) 28.06.2022 (54) Sound processors (62) 2021304543

Complete Applications Filed - Name Index cont'd

<p>(71) Hickory Design Pty Ltd (21) 2022204488 (22) 24.06.2022 (54) METHODS AND APPARATUS FOR CONSTRUCTING MULTI-STOREY BUILDINGS (62) 2017280086</p>	<p>(54) Flow cell assembly securement system and method (62) 2017363511</p>	<p>(71) Intuit Inc. (21) 2022204469 (22) 24.06.2022 (54) Large pose facial recognition based on 3D facial model (31) 17/490,791 (32) 30.09.21 (33) US</p>
<p>(71) HigherGround, Inc. (21) 2022204446 (22) 23.06.2022 (54) Systems and methods of live streaming emergency dispatch data to first responders (62) 2020382517</p>	<p>(71) Illumina Cambridge Limited; Illumina, Inc. (21) 2022204662 (22) 29.06.2022 (54) Generalized Stochastic Super-Resolution Sequencing (62) 2019231688</p>	<p>(71) Intuit Inc. (21) 2022204475 (22) 24.06.2022 (54) Generating estimates by combining unsupervised and supervised machine learning (31) 17/491,240 (32) 30.09.21 (33) US</p>
<p>(71) Hill-Rom Services Pte. Ltd. (21) 2022204642 (22) 29.06.2022 (54) Multi-mode respiratory therapy apparatus, system, and method (62) 2020286287</p>	<p>(71) Impact Selector International, LLC (21) 2022204561 (22) 28.06.2022 (54) Downhole centralizer (62) 2019290568</p>	<p>(71) Intuit Inc. (21) 2022204482 (22) 24.06.2022 (54) Integrity protection for homomorphic computations (31) 17/730,424 (32) 27.04.22 (33) US</p>
<p>(71) Howmedica Osteonics Corp. (21) 2022204644 (22) 29.06.2022 (54) Supports for cantilevered elements during additive manufacturing and methods of forming such supports (31) 63/216,272 (32) 29.06.21 (33) US</p>	<p>(71) INCYTE CORPORATION (21) 2022204591 (22) 28.06.2022 (54) BENZOXAZOLE DERIVATIVES AS IMMUNOMODULATORS (62) 2017382870</p>	<p>(71) Intuit Inc. (21) 2022204489 (22) 24.06.2022 (54) Validation of transaction amount (31) 17/730,984 (32) 27.04.22 (33) US</p>
<p>(71) ICahn School of Medicine at Mount Sinai (21) 2022204675 (22) 30.06.2022 (54) TARGETING THE INNATE IMMUNE SYSTEM TO INDUCE LONG-TERM TOLERANCE AND TO RESOLVE MACROPHAGE ACCUMULATION IN ATHEROSCLEROSIS (62) 2017257189</p>	<p>(71) Inmotus Pty Ltd (21) 2022204594 (22) 28.06.2022 (54) A retail supply chain management system (62) 2018273832</p>	<p>(71) Intuit Inc. (21) 2022204493 (22) 24.06.2022 (54) Subscriber retention and future action prediction (31) 17/487,513 (32) 28.09.21 (33) US</p>
<p>(71) Illinois Tool Works Inc. (21) 2022204548 (22) 28.06.2022 (54) A screw fastener (62) 2017219062</p>	<p>(71) Insight Medical Systems, Inc. (21) 2022204673 (22) 30.06.2022 (54) Systems and methods for sensory augmentation in medical procedures (62) 2018316092</p>	<p>(71) Intuit Inc. (21) 2022204530 (22) 27.06.2022 (54) Transaction classification based on transaction time predictions (62) 2019244178</p>
<p>(71) Illinois Tool Works Inc. (21) 2022204593 (22) 28.06.2022 (54) Clutch having limited articulation (62) 2021205059</p>	<p>(71) Institute of Geophysics, China Earthquake Administration (21) 2022204502 (22) 24.06.2022 (54) SITE SHEAR WAVE VELOCITY MEASUREMENT AND CALCULATION METHOD AND APPARATUS (31) 202110757908.7 (32) 05.07.21 (33) CN</p>	<p>(71) Intuit Inc. (21) 2022204589 (22) 28.06.2022 (54) Multiple input machine learning framework for anomaly detection (31) 17/515,163 (32) 29.10.21 (33) US</p>
<p>(71) Illumina, Inc. (21) 2022204534 (22) 27.06.2022 (54) Universal short adapters with variable length non-random unique molecular identifiers (62) 2018331434</p>	<p>(71) Institut National de la Recherche Scientifique (21) 2022204541 (22) 27.06.2022 (54) PRODUCTION OF LOW CARBON FOOTPRINT MAGNESIA (62) 2017301227</p>	<p>(71) Intuit Inc. (21) 2022204592 (22) 28.06.2022 (54) Data services with privacy preservation and repeatability (31) 17/483,663 (32) 23.09.21 (33) US</p>
<p>Illumina, Inc. see Illumina Cambridge Limited (21) 2022204662</p>	<p>(71) Intuit Inc. (21) 2022204443 (22) 23.06.2022 (54) Real-time error prevention during in-voice creation (31) 17/398,729 (32) 10.08.21 (33) US</p>	<p>(71) Intuit Inc. (21) 2022204595 (22) 28.06.2022 (54) Optical character recognition quality evaluation and optimization (31) 17/551,236 (32) 15.12.21 (33) US</p>
<p>(71) Illumina, Inc. (21) 2022204664 (22) 29.06.2022</p>	<p>(71) Intuit Inc. (21) 2022204454 (22) 23.06.2022 (54) Vertex change detection for enhanced document capture (31) 17/391,179 (32) 02.08.21 (33) US</p>	<p>(71) Intuit Inc. (21) 2022204597 (22) 28.06.2022 (54) End to end trainable document extraction (31) 17/649,467 (32) 31.01.22 (33) US</p>

Complete Applications Filed - Name Index cont'd

<p>(71) Intuit Inc. (21) 2022204599 (22) 28.06.2022 (54) Client cache complete control protocol for cloud security (31) 17/660,619 (32) 25.04.22 (33) US</p>	<p>(71) Joy Global Underground Mining LLC (21) 2022204498 (22) 24.06.2022 (54) Shield for sumping frame of mining machine (62) 2016228182</p>	<p>FREE SPACE OPTICAL LINK USING A PULSED LASER (31) 2017/397453 (32) 09.08.21 (33) US</p>
<p>(71) Intuit Inc. (21) 2022204660 (22) 29.06.2022 (54) Intelligent query auto-completion systems and methods (31) 17/649,157 (32) 27.01.22 (33) US</p>	<p>(71) Joy Global Underground Mining LLC (21) 2022204525 (22) 27.06.2022 (54) Screen handling system (31) 63/216,967 (32) 30.06.21 (33) US</p>	<p>(71) LG Electronics Inc. (21) 2022204449 (22) 23.06.2022 (54) Washing apparatus and method for controlling same (62) 2019224719</p>
<p>(71) Intuit Inc. (21) 2022204665 (22) 29.06.2022 (54) Automated search and presentation computing system (31) 17/489,667 (32) 29.09.21 (33) US</p>	<p>(71) KARIM, K.S.; CUNNINGHAM, I.A.; LOPEZ MAURINO, S. (21) 2022204651 (22) 29.06.2022 (54) System and method for a X-ray detector (62) 2017220492</p>	<p>(71) LG Electronics Inc. (21) 2022204531 (22) 27.06.2022 (54) Image coding method based on secondary transform, and device therefor (62) 2019394546</p>
<p>(71) Intuit Inc. (21) 2022204669 (22) 29.06.2022 (54) Disfluency removal using machine learning (31) 17/378,386 (32) 16.07.21 (33) US</p>	<p>(71) Konnectronix, Inc. (21) 2022204656 (22) 29.06.2022 (54) Retractable cord reel (62) 2020239817</p>	<p>(71) LG Electronics Inc. (21) 2022204628 (22) 29.06.2022 (54) Washing machine and method for controlling the same (62) 2019239493</p>
<p>(71) JCR Pharmaceuticals Co., Ltd. (21) 2022204463 (22) 24.06.2022 (54) Novel human serum albumin mutant (62) 2021212110</p>	<p>(71) Kyushu University, National University Corporation (21) 2022204654 (22) 29.06.2022 (54) METHOD FOR DESIGNING RNA BINDING PROTEIN UTILIZING PPR MOTIF, AND USE THEREOF (62) 2019280013</p>	<p>(71) LG ELECTRONICS INC. (21) 2022204559 (22) 28.06.2022 (54) LAUNDRY TREATING APPARATUS (31) 2021-110376 (32) 01.07.21 (33) JP</p>
<p>(71) JimmyAsh LLC (21) 2022204577 (22) 28.06.2022 (54) Method and apparatus for the controlled conveyance of a workpiece through a fluidized bed dryer (62) 2020203173</p>	<p>(71) L3Harris Technologies, Inc. (21) 2022204533 (22) 27.06.2022 (54) EXCISION OF INTERFERENCE WITH HOPPED WAVEFORMS (31) 2017/365910 (32) 01.07.21 (33) US</p>	<p>(71) LG ELECTRONICS INC. (21) 2022204625 (22) 29.06.2022 (54) LAUNDRY TREATMENT APPARATUS (31) 2021-110395 (32) 01.07.21 (33) JP</p>
<p>(71) Jining Medical University (21) 2022204563 (22) 28.06.2022 (54) Application and method of superoxide dismutase in preparing medicine for treating psoriasis (31) 202110798462.2 (32) 15.07.21 (33) CN</p>	<p>(71) L3Harris Technologies, Inc. (21) 2022204535 (22) 27.06.2022 (54) COMMUNICATIONS SYSTEM RECONFIGURABLE TO DIFFERENT TOPOLOGIES AND ASSOCIATED METHODS (31) 2017/305392 (32) 07.07.21 (33) US</p>	<p>(71) LIA Diagnostics, Inc. (21) 2022204539 (22) 27.06.2022 (54) Water dispersible assays (62) 2016302064</p>
<p>(71) JINKO SOLAR (HAINING) CO., LTD. (21) 2022204658 (22) 29.06.2022 (54) PHOTOVOLTAIC CELL AND PHOTOVOLTAIC MODULE (31) CN202210611082.8(32) 01.06.22 (33) CN CN202210611083.2 01.06.22 CN</p>	<p>(71) L3Harris Technologies, Inc. (21) 2022204536 (22) 27.06.2022 (54) SYSTEM AND METHOD IMPLEMENTING EXCISION CANCELLATION TECHNOLOGY (31) 2017/372207 (32) 09.07.21 (33) US</p>	<p>(71) LivePerson, Inc. (21) 2022204603 (22) 29.06.2022 (54) Context-aware redirection from telephony environment to messaging environment (62) 2019402106</p>
<p>JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD. (21) 2022204646</p>	<p>(71) L3Harris Technologies, Inc. (21) 2022204537 (22) 27.06.2022 (54) ABRUPT INTERFERENCE MITIGATION (31) 2017/387705 (32) 28.07.21 (33) US</p>	<p>LOPEZ MAURINO, S. see KARIM, K.S. (21) 2022204651</p>
<p>(71) Johnson & Johnson Consumer Inc. (21) 2022204467 (22) 24.06.2022 (54) Topical compositions comprising a resorcinol and powders (62) 2020203174</p>	<p>(71) L3Harris Technologies, Inc. (21) 2022204556 (22) 28.06.2022 (54) TRANSPORT DATA STRUCTURE USEFUL FOR TRANSPORTING VIA A</p>	<p>(71) Magic Leap, Inc. (21) 2022204527 (22) 27.06.2022 (54) Technique for controlling virtual image generation system using emotional states of user (62) 2017300636</p>
		<p>(71) Magic Leap, Inc. (21) 2022204584 (22) 28.06.2022 (54) Estimating pose in 3D space (62) 2017291131</p>

Complete Applications Filed - Name Index cont'd

- (71) Magic Leap, Inc.
(21) 2022204613 (22) 29.06.2022
(54) Method and system for performing convolutional image transformation estimation
(62) 2017267983
-
- (71) MANGROVE WATER TECHNOLOGIES LTD
(21) 2022204494 (22) 24.06.2022
(54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES
(62) 2021290346
-
- (71) Materion Corporation
(21) 2022204570 (22) 28.06.2022
(54) COUPLINGS FOR WELL PUMPING COMPONENTS
(62) 2018240114
-
- (71) MAXONIQ Pty Ltd
(21) 2022204441 (22) 23.06.2022
(54) Replaceable fossa component for a temporomandibular joint replacement system
(31) 17/356,478 (32) 23.06.21 (33) US
-
- (71) MEMOLUB INTERNATIONAL
(21) 2022204631 (22) 29.06.2022
(54) DEVICE FOR DELIVERING A FLUID TO A CONSUMPTION POINT AND ASSOCIATED METHOD
(31) EP21182824.9 (32) 30.06.21 (33) EP
-
- (71) Monaghan, W.
(21) 2022204544 (22) 27.06.2022
(54) Submerged waterwheel for oceanic power
(62) 2020204504
-
- (71) N.V. NUTRICIA
(21) 2022204529 (22) 27.06.2022
(54) Nutritional composition for improving cell membranes
(62) 2017373837
-
- (71) National University of Singapore
(21) 2022204601 (22) 29.06.2022
(54) Methods for enhancing efficacy of therapeutic immune cells
(62) 2016216149
-
- (71) Nicira, Inc.
(21) 2022204565 (22) 28.06.2022
(54) Distributing remote device management attributes to service nodes for service rule processing
(62) 2020239820
-
- (71) Nokia Solutions and Networks Oy
(21) 2022204645 (22) 29.06.2022
- (54) Handling failure of non-3GPP access to 5GCN not being allowed
(62) 2019293046
-
- (71) Nokia Technologies Oy
(21) 2022204562 (22) 28.06.2022
(54) Method, apparatus and computer program
(62) 2018401438
-
- (71) North Carolina State University
(21) 2022204576 (22) 28.06.2022
(54) Methods and compositions for efficient delivery of nucleic acids and RNA-based antimicrobials
(62) 2016280002
-
- (71) North Carolina State University
(21) 2022204596 (22) 28.06.2022
(54) Methods for screening bacteria, archaea, algae, and yeast using crispr nucleic acids
(62) 2016270649
-
- (71) Norwood Industries Inc.
(21) 2022204459 (22) 24.06.2022
(54) SAW TOOTH SETTER
(31) 3,124,208 (32) 09.07.21 (33) CA
-
- (71) NSI International, Inc.
(21) 2022204405 (22) 22.06.2022
(54) Launching Device
(31) 63/223,020 (32) 18.07.21 (33) US
-
- (71) Nuseed Nutritional Australia Pty Ltd
(21) 2022204460 (22) 24.06.2022
(54) ELITE EVENT CANOLA NS-B50027-4
(62) 2017286800
-
- (71) NVIDIA Corporation
(21) 2022204554 (22) 28.06.2022
(54) Training object detection systems with generated images
(31) 17/361,202 (32) 28.06.21 (33) US
-
- (71) NVIDIA Corporation
(21) 2022204572 (22) 28.06.2022
(54) Techniques for combining operations
(31) 17/362,547 (32) 29.06.21 (33) US
-
- (71) NVIDIA Corporation
(21) 2022204605 (22) 29.06.2022
(54) Pretraining framework for neural networks
(31) 17/364,341 (32) 30.06.21 (33) US
-
- (71) NVIDIA Corporation
(21) 2022204612 (22) 29.06.2022
(54) Synchronization barrier
(31) 17/366,770 (32) 02.07.21 (33) US
-
- (71) Ocado Innovation Limited
(21) 2022204490 (22) 24.06.2022
(54) Controller and method for wireless communication system
(62) 2017365075
-
- (71) OligoScience Biotechnology GmbH
(21) 2022204538 (22) 27.06.2022
(54) Use of human milk oligosaccharides in calves fattening
(62) 2017318386
-
- (71) OMEGAQUANT ANALYTICS, LLC
(21) 2022204458 (22) 23.06.2022
(54) METHOD FOR MEASURING AND MANAGING RED BLOOD CELL OMEGA-3 FATTY ACID DOCOSA-HEXAENOIC ACID LEVEL IN HUMAN FEMALES TO SUPPORT A TERM PREGNANCY AND REDUCE RISK OF SPONTANEOUS PRETERM BIRTH
(62) 2019275602
-
- (71) OpenTV, Inc.
(21) 2022204578 (22) 28.06.2022
(54) End-of-show content display trigger
(62) 2017356952
-
- (71) Opex Corporation
(21) 2022204623 (22) 29.06.2022
(54) Method and apparatus for sorting or retrieving items
(62) 2020201757
-
- (71) Optis Cellular Technology, LLC
(21) 2022204484 (22) 24.06.2022
(54) Methods and systems for scheduling resources in a telecommunication system
(62) 2020286273
-
- (71) OriCiro Genomics, Inc.
(21) 2022204663 (22) 29.06.2022
(54) DNA production method and DNA fragment joining kit
(62) 2018297861
-
- (71) Paradigm BioPharmaceuticals Ltd
(21) 2022204567 (22) 28.06.2022
(54) Treatment of bone marrow pathologies with polysulfated polysaccharides
(62) 2021201198
-
- (71) PARKWOOD PRODUCTS LIMITED
(21) 2022204602 (22) 29.06.2022
(54) IMPROVEMENTS IN INSULATED METAL DOORS
(31) 778362 (32) 22.07.21 (33) NZ

Complete Applications Filed - Name Index cont'd

(71) Payload Industries Pty Ltd
(21) 2022204434 (22) 23.06.2022
(54) A DUMP TRUCK TRAY

(71) PENTA EQUIPMENT INC.
(21) 2022204574 (22) 28.06.2022
(54) FEED MIXER AND LINER THEREFOR
(31) 17/835,397 (32) 08.06.22 (33) US

(71) Prysmian S.p.A.
(21) 2022204473 (22) 24.06.2022
(54) A multi-port gland for an optical closure
(31) 10202100016676 (32) 25.06.21 (33) IT

(71) QuiaPEG Pharmaceuticals AB
(21) 2022204496 (22) 24.06.2022
(54) RELEASABLE ANTIBODY CONJUGATES
(62) 2019232656

(71) Rebound Therapeutics Corporation
(21) 2022204629 (22) 29.06.2022
(54) CANNULA WITH PROXIMALLY MOUNTED CAMERA
(62) 2020203656

(71) Rehrig Pacific Company
(21) 2022204676 (22) 30.06.2022
(54) Container
(31) 63/218,269 (32) 02.07.21 (33) US

(71) Repligen Corporation
(21) 2022204461 (22) 24.06.2022
(54) Tangential flow depth filtration systems and methods of filtration using same
(62) 2019231885

(71) Route 92 Medical, Inc.
(21) 2022204503 (22) 25.06.2022
(54) RAPID ASPIRATION THROMBECTOMY SYSTEM AND METHOD
(62) 2020205209

(71) Runweight Pty Ltd
(21) 2022204674 (22) 30.06.2022
(54) A system for real time determination of parameters of an aircraft
(62) 2017323866

(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2022204501 (22) 24.06.2022
(54) Method and apparatus for multiplexing channel state information
(62) 2017374457

(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2022204668 (22) 29.06.2022
(54) Transmission structures and formats for DL control channels
(62) 2018216588

(71) Sazy, J.A.
(21) 2022204590 (22) 28.06.2022
(54) IMPLANTS AND IMPLANTATION TECHNIQUES FOR SACROILIAC JOINT FUSION
(62) 2019385328

(71) Schneider Electric Industries SAS
(21) 2022204661 (22) 29.06.2022
(54) MINIATURE CIRCUIT BREAKER
(31) 202110729688.7 (32) 29.06.21 (33) CN

(71) Selecta Biosciences, Inc.
(21) 2022204439 (22) 23.06.2022
(54) TOLEROGENIC SYNTHETIC NANOCARRIERS TO REDUCE ANTIBODY RESPONSES
(62) 2019232931

(71) Seres Therapeutics, Inc.
(21) 2022204478 (22) 24.06.2022
(54) SYNERGISTIC BACTERIAL COMPOSITIONS AND METHODS OF PRODUCTION AND USE THEREOF
(62) 2020201598

(71) Seth, R.
(21) 2022204474 (22) 24.06.2022
(54) WEARABLE WIRELESS HMI DEVICE
(62) 2020203921

(71) SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD.
(21) 2022204480 (22) 24.06.2022
(54) Intelligent cloud delivery and billing method and system for logistics apparatus
(62) 2019215319

SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD see ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2022204453

(71) SharkNinja Operating LLC
(21) 2022204655 (22) 29.06.2022
(54) BREW BASKET FOR AUTOMATED BEVERAGE BREWING APPARATUS
(62) 2017207844

(71) Shopify Inc.
(21) 2022204610 (22) 29.06.2022
(54) SYSTEMS AND METHODS FOR E-COMMERCE CHECKOUT WITH DELAY LOADING OF CHECKOUT OPTIONS
(31) 17/465,409 (32) 02.09.21 (33) US
22173103.7 12.05.22 EP

(71) Shopify Inc.
(21) 2022204627 (22) 29.06.2022
(54) SYSTEMS AND METHODS FOR BLOCKCHAIN NETWORK CONGESTION-ADAPTIVE DIGITAL ASSET EVENT HANDLING
(31) 17/473,284 (32) 13.09.21 (33) US
22169579.4 22.04.22 EP

(71) Shopify Inc.
(21) 2022204637 (22) 29.06.2022
(54) NON-FUNGIBLE-TOKEN-BASED COMMERCE ATTRIBUTE
(31) 17/475,240 (32) 14.09.21 (33) US
22169580.2 22.04.22 EP

(71) Smith & Nephew, Inc.
(21) 2022204447 (22) 23.06.2022
(54) DMLS orthopedic intramedullary device and method of manufacture
(62) 2020227095

(71) Socpra Sciences et Genies S.E.C.
(21) 2022204585 (22) 28.06.2022
(54) Vaccine constructs and uses thereof against staphylococcus infections
(62) 2017346974

(71) Sorrento Therapeutics, Inc.
(21) 2022204504 (22) 27.06.2022
(54) Antigen binding proteins that bind PD-L1

(71) Spray Nozzle Engineering Pty Ltd
(21) 2022204677 (22) 30.06.2022
(54) Wear Parts
(62) 2020204609

(71) Standard Bariatrics Inc
(21) 2022204678 (22) 30.06.2022
(54) End effectors, surgical stapling devices, and methods of using same
(62) 2021201017

(71) Strata Products Worldwide, LLC
(21) 2022204630 (22) 29.06.2022
(54) Method and Apparatus for Identifying When an Individual is in Proximity to an Object
(62) 2020286298

(71) Sunfolding, Inc.
(21) 2022204587 (22) 28.06.2022
(54) Solar tracker control system and method
(62) 2018254425

(71) Superior Pak Holdings Pty Ltd
(21) 2022204440 (22) 23.06.2022
(54) IMPROVEMENTS TO SIDE LOADING WASTE COLLECTION VEHICLES

Complete Applications Filed - Name Index cont'd

(71) Synthes GmbH
(21) 2022204470 (22) 24.06.2022
(54) Saw gear set
(62) 2016411988

(71) Takeda Pharmaceutical Company Limited
(21) 2022204649 (22) 29.06.2022
(54) Diagnosis and treatment of autoimmune diseases
(62) 2020200423

(71) Targus International LLC
(21) 2022204650 (22) 29.06.2022
(54) Systems, methods and devices for remote power management and discovery
(62) 2018302723

(71) TARIS Biomedical LLC
(21) 2022204523 (22) 27.06.2022
(54) Intravesical drug delivery devices and methods including elastic polymer-drug matrix systems
(62) 2020250209

(71) Taylor, A.
(21) 2022204476 (22) 24.06.2022
(54) A Panel Assembly
(31) 2021901910 (32) 24.06.21 (33) AU

(71) Techtronic Cordless GP
(21) 2022204542 (22) 27.06.2022
(54) Wearable vacuum cleaner
(31) 63/216,095 (32) 29.06.21 (33) US

(71) Terra Quantum AG
(21) 2022204632 (22) 29.06.2022
(54) METHOD FOR DETERMINING A CRYPTOGRAPHIC KEY, COMPUTER PROGRAM, AND DATA PROCESSING SYSTEM
(31) 21183810.7 (32) 05.07.21 (33) EP

(71) TF Pet IP Pty Ltd
(21) 2022204444 (22) 23.06.2022
(54) A BOX

(71) The General Hospital Corporation
(21) 2022204604 (22) 29.06.2022
(54) Regeneration of a functional pulmonary vascular bed
(62) 2016321301

(71) The Regents of the University of California
(21) 2022204635 (22) 29.06.2022
(54) Protein delivery in primary hematopoietic cells
(62) 2016211161

(71) The Toro Company
(21) 2022204571 (22) 28.06.2022
(54) NONHOLONOMIC ROBOT FIELD COVERAGE METHOD
(62) 2020356797

(71) The Trustee for Quantum Flow Trust
(21) 2022204552 (22) 28.06.2022
(54) 'Lock-It-Out' locking device

The United States Government as represented by The Department of Veteran Affairs see Virginia Commonwealth University
(21) 2022204450

(71) Transportation IP Holdings, LLC
(21) 2022204609 (22) 29.06.2022
(54) FLUID CONTROL DEVICE AND METHOD
(31) 17/387,754 (32) 28.07.21 (33) US

(71) True Manufacturing Company, Inc.
(21) 2022204579 (22) 28.06.2022
(54) Lockable cabinet system and locking assembly therefor
(31) 17/373,402 (32) 12.07.21 (33) US

(71) United Safety, Inc.
(21) 2022204670 (22) 29.06.2022
(54) Power Line Proximity Sensing And Warning System
(62) 2015207855

(71) United Safety, Inc.
(21) 2022204672 (22) 29.06.2022
(54) Power Line Proximity Sensing And Warning System
(62) 2015207855

(71) University of Maryland, Baltimore
(21) 2022204657 (22) 29.06.2022
(54) Self-sealing cannula
(62) 2020213414

(71) University of Southampton
(21) 2022204606 (22) 29.06.2022
(54) MODULATION OF GENE EXPRESSION AND SCREENING FOR DEREGULATED PROTEIN EXPRESSION
(62) 2016334804

(71) Vermeer Manufacturing Company
(21) 2022204640 (22) 29.06.2022
(54) Additive dosing assemblies and hydro excavation vacuum apparatus incorporating same
(31) 63/216,254 (32) 29.06.21 (33) US

(71) Virastrike Holdings Pty Ltd
(21) 2022204435 (22) 23.06.2022

(54) A DISINFECTING CONTAINER
(31) 2021901912 (32) 24.06.21 (33) AU

(71) Virginia Commonwealth University; Durect Corporation; The United States Government as represented by The Department of Veteran Affairs
(21) 2022204450 (22) 23.06.2022
(54) Use of oxygenated cholesterol sulfates (OCS)
(62) 2020202891

(71) Visa International Service Association
(21) 2022204540 (22) 27.06.2022
(54) Digital fiat currency
(62) 2019374899

(71) Wright Medical Technology, Inc.
(21) 2022204477 (22) 24.06.2022
(54) Circular fixator system and method
(62) 2020286244

(71) Xidian University
(21) 2022204558 (22) 28.06.2022
(54) METHOD FOR VEHICLE SPEED ESTIMATION USING MULTIPLE GEOMAGNETIC SENSORS
(31) 202110725027.7 (32) 29.06.21 (33) CN

(71) Xidian University
(21) 2022204569 (22) 28.06.2022
(54) METHOD FOR MULTI-AGENT DYNAMIC PATH PLANNING
(31) 202110924688.2 (32) 12.08.21 (33) CN

(71) ZHEJIANG JINKO SOLAR CO., LTD.; SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD
(21) 2022204453 (22) 23.06.2022
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE
(62) 2021232800

(71) ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
(21) 2022204646 (22) 29.06.2022
(54) PHOTOVOLTAIC CELL, METHOD FOR MANUFACTURING SAME, AND PHOTOVOLTAIC MODULE
(31) 202210377280.2 (32) 11.04.22 (33) CN

Numerical Index

2022204405	NSI International, Inc.	2022204501	SAMSUNG ELECTRONICS CO., LTD.
2022204434	Payload Industries Pty Ltd	2022204502	Institute of Geophysics, China Earthquake Administration
2022204435	ViraStrike Holdings Pty Ltd		
2022204436	Fisher & Paykel Healthcare Limited	2022204503	Route 92 Medical, Inc.
2022204437	Fisher & Paykel Healthcare Limited	2022204504	Sorrento Therapeutics, Inc.
2022204438	Gilead Sciences, Inc.	2022204521	Axsome Therapeutics, Inc.
2022204439	Selecta Biosciences, Inc.	2022204522	CFPH, LLC
2022204440	Superior Pak Holdings Pty Ltd	2022204523	TARIS Biomedical LLC
2022204441	MAXONIQ Pty Ltd	2022204525	Joy Global Underground Mining LLC
2022204442	Follea International	2022204526	Acer Incorporated
2022204443	Intuit Inc.	2022204527	Magic Leap, Inc.
2022204444	TF Pet IP Pty Ltd	2022204528	Aristocrat Technologies, Inc.
2022204445	Aristocrat Technologies Australia Pty Limited	2022204529	N.V. NUTRICIA
2022204446	HigherGround, Inc.	2022204530	Intuit Inc.
2022204447	Smith & Nephew, Inc.	2022204531	LG Electronics Inc.
2022204448	Fujitsu Limited	2022204532	Bayer CropScience Aktiengesellschaft
2022204449	LG Electronics Inc.	2022204533	L3Harris Technologies, Inc.
2022204450	Virginia Commonwealth University; Durect Corporation; The United States Government as represented by The Department of Veteran Affairs	2022204534	Illumina, Inc.
		2022204535	L3Harris Technologies, Inc.
2022204451	Aristocrat Technologies Australia Pty Limited	2022204536	L3Harris Technologies, Inc.
2022204452	Equifax Inc.	2022204537	L3Harris Technologies, Inc.
2022204453	ZHEJIANG JINKO SOLAR CO., LTD.; SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD	2022204538	OligoScience Biotechnology GmbH
		2022204539	LIA Diagnostics, Inc.
2022204454	Intuit Inc.	2022204540	Visa International Service Association
2022204458	OMEGAQUANT ANALYTICS, LLC	2022204541	Institut National de la Recherche Scientifique
2022204459	Norwood Industries Inc.	2022204542	Techtronic Cordless GP
2022204460	Nuseed Nutritional Australia Pty Ltd	2022204543	Fybr
2022204461	Repligen Corporation	2022204544	Monaghan, W.
2022204462	Boston Scientific Neuromodulation Corporation	2022204545	AUTO DRIVE SOLUTIONS S.L.
2022204463	JCR Pharmaceuticals Co., Ltd.	2022204546	Hemideina Pty Ltd
2022204465	Apple Inc.	2022204547	Becton Dickinson and Company Limited
2022204466	Apple Inc.	2022204548	Illinois Tool Works Inc.
2022204467	Johnson & Johnson Consumer Inc.	2022204549	Augusta University Research Institute, Inc.
2022204468	Cargotec Finland Oy	2022204550	Fulton Hogan Limited
2022204469	Intuit Inc.	2022204551	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
2022204470	Synthes GmbH	2022204552	The Trustee for Quantum Flow Trust
2022204471	Celularity Inc.	2022204553	4Cabling Pty Ltd
2022204472	Apple Inc.	2022204554	NVIDIA Corporation
2022204473	Prysmian S.p.A.	2022204555	Apple Inc.
2022204474	Seth, R.	2022204556	L3Harris Technologies, Inc.
2022204475	Intuit Inc.	2022204557	BIOTECHNOLOGY, INC
2022204476	Taylor, A.	2022204558	Xidian University
2022204477	Wright Medical Technology, Inc.	2022204559	LG ELECTRONICS INC.
2022204478	Seres Therapeutics, Inc.	2022204561	Impact Selector International, LLC
2022204480	SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD.	2022204562	Nokia Technologies Oy
		2022204563	Jining Medical University
2022204481	F. Hoffmann-La Roche AG	2022204565	Nicira, Inc.
2022204482	Intuit Inc.	2022204566	ConMed Corporation
2022204483	eBay Inc.	2022204567	Paradigm BioPharmaceuticals Ltd
2022204484	Optis Cellular Technology, LLC	2022204568	Apple Inc.
2022204485	Apple Inc.	2022204569	Xidian University
2022204486	Abbott Diabetes Care Inc.	2022204570	Materion Corporation
2022204487	GlaxoSmithKline Biologicals S.A.	2022204571	The Toro Company
2022204488	Hickory Design Pty Ltd	2022204572	NVIDIA Corporation
2022204489	Intuit Inc.	2022204573	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2022204490	Ocado Innovation Limited	2022204574	PENTA EQUIPMENT INC.
2022204491	GlaxoSmithKline Biologicals S.A.	2022204575	Alnylam Pharmaceuticals, Inc.
2022204492	Canva Pty Ltd	2022204576	North Carolina State University
2022204493	Intuit Inc.	2022204577	JimmyAsh LLC
2022204494	MANGROVE WATER TECHNOLOGIES LTD	2022204578	OpenTV, Inc.
2022204495	Clay Industries SDN BHD	2022204579	True Manufacturing Company, Inc.
2022204496	QuiaPEG Pharmaceuticals AB	2022204580	Equifax Inc.
2022204497	GE Video Compression, LLC	2022204582	Edwards Lifesciences Corporation
2022204498	Joy Global Underground Mining LLC	2022204583	Genzyme Corporation
2022204499	Form Brick Pty Ltd	2022204584	Magic Leap, Inc.
2022204500	F. Hoffmann-La Roche AG	2022204585	Socpra Sciences et Genies S.E.C.
		2022204586	Edwards Lifesciences Corporation

Complete Applications Filed - Numerical Index cont'd

2022204587	Sunfolding, Inc.	2022204657	University of Maryland, Baltimore
2022204588	Alltech, Inc.	2022204658	JINKO SOLAR (HAINING) CO., LTD.
2022204589	Intuit Inc.	2022204659	Factor Bioscience Inc.
2022204590	Sazy, J.A.	2022204660	Intuit Inc.
2022204591	INCYTE CORPORATION	2022204661	Schneider Electric Industries SAS
2022204592	Intuit Inc.	2022204662	Illumina Cambridge Limited; Illumina, Inc.
2022204593	Illinois Tool Works Inc.	2022204663	OriCiro Genomics, Inc.
2022204594	Inmotus Pty Ltd	2022204664	Illumina, Inc.
2022204595	Intuit Inc.	2022204665	Intuit Inc.
2022204596	North Carolina State University	2022204666	F. Hoffmann-La Roche AG
2022204597	Intuit Inc.	2022204668	SAMSUNG ELECTRONICS CO., LTD.
2022204598	HALL RB Pty Ltd	2022204669	Intuit Inc.
2022204599	Intuit Inc.	2022204670	United Safety, Inc.
2022204600	Chugai Seiyaku Kabushiki Kaisha	2022204671	Brunswick Corporation
2022204601	National University of Singapore	2022204672	United Safety, Inc.
2022204602	PARKWOOD PRODUCTS LIMITED	2022204673	Insight Medical Systems, Inc.
2022204603	LivePerson, Inc.	2022204674	Runweight Pty Ltd
2022204604	The General Hospital Corporation	2022204675	ICahn School of Medicine at Mount Sinai
2022204605	NVIDIA Corporation	2022204676	Rehrig Pacific Company
2022204606	University of Southampton	2022204677	Spray Nozzle Engineering Pty Ltd
2022204607	Allergan, Inc.	2022204678	Standard Bariatrics Inc
2022204608	Adaptive Biotechnologies Corp.; Fred Hutchinson Cancer Research Center	2022204713	CleanSite Medical, Inc.
2022204609	Transportation IP Holdings, LLC	2022204789	Blue Belt Technologies, Inc.
2022204610	Shopify Inc.		
2022204611	CROWN EQUIPMENT CORPORATION		
2022204612	NVIDIA Corporation		
2022204613	Magic Leap, Inc.		
2022204614	AMETEK, INC.		
2022204615	Carter-Hoffmann, LLC		
2022204616	Carver Scientific, Inc.		
2022204618	Forty Seven, Inc.		
2022204619	CNH Industrial America LLC		
2022204620	Blue Belt Technologies, Inc.		
2022204621	AFI LICENSING LLC		
2022204622	Emesent IP Pty Ltd		
2022204623	Opex Corporation		
2022204624	Bluebeam, Inc.		
2022204625	LG ELECTRONICS INC.		
2022204626	Geberit International AG		
2022204627	Shopify Inc.		
2022204628	LG Electronics Inc.		
2022204629	Rebound Therapeutics Corporation		
2022204630	Strata Products Worldwide, LLC		
2022204631	MEMOLUB INTERNATIONAL		
2022204632	Terra Quantum AG		
2022204633	Audatex North America, Inc.		
2022204634	Alnylam Pharmaceuticals, Inc.		
2022204635	The Regents of the University of California		
2022204636	Amgen Inc.		
2022204637	Shopify Inc.		
2022204638	Boston Scientific Neuromodulation Corporation		
2022204639	Eureka Therapeutics, Inc.; Eureka Therapeutics, Inc.		
2022204640	Vermeer Manufacturing Company		
2022204641	Block, Inc.		
2022204642	Hill-Rom Services Pte. Ltd.		
2022204643	Bioverativ Therapeutics Inc.		
2022204644	Howmedica Osteonics Corp.		
2022204645	Nokia Solutions and Networks Oy		
2022204646	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.		
2022204647	Fisher & Paykel Healthcare Limited		
2022204648	Amgen Inc.		
2022204649	Takeda Pharmaceutical Company Limited		
2022204650	Targus International LLC		
2022204651	KARIM, K.S.; CUNNINGHAM, I.A.; LOPEZ MAURINO, S.		
2022204652	Deere & Company		
2022204653	Deere & Company		
2022204654	Kyushu University, National University Corporation		
2022204655	SharkNinja Operating LLC		
2022204656	Konnectronix, Inc.		

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 28 Jun 2022 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Canva Pty Ltd
(21) 2022100086 **(22)** 29.06.2022
(54) Systems and methods for automatically
adjusting design element attributes
(62) PCT/AU2021/050090

(71) Venter, J.
(21) 2022100085 **(22)** 28.06.2022
(54) Payload Delivery Mechanism Suitable
for Use with a Drone
(62) 2021277666

Numerical Index

2022100085 Venter, J.

2022100086 Canva Pty Ltd

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

Code Meaning

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

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

- N Applications not Open to Public Inspection

2002

2002048925 (14)	2002048947 (14)	2002048948 (14)
2002048954 (14)	2002050642 (14)	2002050645 (14)
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2007

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2011

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2012

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2013

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2014

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2015

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2016

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 2016382405 (5C) 2016383416 (5C) 2016383457 (5C)
 2016432553 (4C) 2016432554 (4C)

2017

2017100332 (22) 2017101770 (22E) 2017101771 (22E)
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 2017201032 (14) 2017201595 (14) 2017201897 (14)
 2017203196 (14) 2017204183 (5C) 2017235979 (14)
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 2017276240 (4A) 2017276241 (4B) 2017276278 (4B)
 2017276290 (4A) 2017276305 (4B) 2017276307 (4B)
 2017276318 (4B) 2017279560 (14) 2017279562 (4A)
 2017279582 (14) 2017279613 (4A) 2017279630 (4B)
 2017279631 (4B) 2017279642 (14) 2017279658 (4A)
 2017279672 (4A) 2017279676 (4A) 2017281329 (5C)
 2017290142 (5C) 2017302597 (5C) 2017305431 (5C)

2017311483 (5C) 2017313437 (5C) 2017322204 (5C)
 2017326951 (5C) 2017339909 (5C) 2017371495 (4C)
 2017374764 (4C) 2017374957 (4C) 2017375012 (5C)
 2017375046 (4C) 2017376404 (4C) 2017376583 (5C)
 2017376961 (4C) 2017377673 (4C) 2017378132 (14)
 2017378427 (4C) 2017378431 (4C) 2017378729 (14)
 2017378896 (14) 2017378971 (14) 2017379024 (14)
 2017379821 (14) 2017379849 (14) 2017381763 (4C)
 2017382717 (14) 2017382833 (14) 2017383678 (4C)
 2017384173 (4C) 2017384481 (4C) 2017384634 (4C)
 2017385034 (4B) 2017388132 (4C) 2017392251 (14)
 2017396181 (4B) 2017398980 (4B) 2017415961 (14)
 2017437743 (5C) 2017442495 (4A) 2017443204 (4A)

2018

2018102053 (22E) 2018102088 (22E) 2018102091 (22E)
 2018102105 (22E) 2018102126 (22E) 2018102179 (22E)
 2018102180 (22E) 2018201903 (14) 2018202950 (1B)
 2018203247 (14) 2018203398 (14) 2018203682 (14)
 2018204434 (14) 2018204907 (1B) 2018205106 (1B)
 2018205111 (1B) 2018205148 (1B) 2018206707 (1B)
 2018226384 (14) 2018229482 (14) 2018229484 (14)
 2018229485 (14) 2018229486 (14) 2018229487 (14)
 2018236885 (1B) 2018253585 (14) 2018271301 (14)
 2018282415 (14) 2018298821 (1B) 2018298842 (1B)
 2018298864 (1B) 2018298945 (1B) 2018298955 (1B)
 2018299213 (1B) 2018299217 (1B) 2018299418 (1B)
 2018300159 (1B) 2018300269 (1B) 2018300295 (1B)
 2018300880 (1B) 2018300980 (1B) 2018300991 (1B)
 2018301183 (1B) 2018301423 (1B) 2018301718 (1B)
 2018302022 (1B) 2018304070 (1B) 2018304095 (1B)
 2018304170 (1B) 2018304201 (1B) 2018305821 (1B)
 2018333275 (5C)

2019

2019101552 (22E) 2019101553 (22E) 2019101556 (22E)
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 2019101619 (22E) 2019101620 (22E) 2019101621 (22E)
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 2019101758 (22E) 2019201093 (14) 2019202709 (14)
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 2019241803 (5C) 2019245096 (5C) 2019249761 (5C)
 2019251876 (5C) 2019256004 (5C) 2019264078 (5C)
 2019273148 (5C) 2019275548 (5C) 2019283871 (12D)

2020

2020200704 (4C) 2020201057 (4C) 2020201106 (5C)
 2020201939 (5C) 2020202179 (5C) 2020202333 (5C)
 2020202499 (5C) 2020202663 (5C) 2020203047 (4C)
 2020203900 (4C) 2020203975 (5C) 2020204110 (5C)
 2020204178 (5C) 2020204511 (5C) 2020207781 (5C)
 2020209656 (5C) 2020201222 (5C) 2020226990 (4C)
 2020233722 (14) 2020233728 (14) 2020233784 (5C)
 2020239667 (5C) 2020239716 (5C) 2020250212 (5C)
 2020257048 (5C) 2020257120 (5C) 2020286238 (4C)

2021

2021107113 (21F) 2021200386 (16C) 2021201989 (4C)
 2021202165 (5C) 2021204471 (4C) 2021901948 (12AN)
 2021901964 (12AN) 2021901973 (12AN) 2021902404 (12AN)

2022

2022100060 (18AN) 2022202328 (1B) 2022202450 (17A)
 2022204620 (12AN)

Assignments before Grant, Section 113

2016

2016364934 Fred Hutchinson Cancer Research Center The application has been assigned to **Fred Hutchinson Cancer Center**

2016383376 Jiangsu Tasly Diyi Pharmaceutical Co., Ltd.; Institute of Materia Medica, Chinese Academy of Medical Sciences The application has been assigned to **Beijing Gushen Life Health Technology Co., Ltd; Institute of Materia Medica, Chinese Academy of Medical Sciences**

2017

2017233089 Institute of Materia Medica, Chinese Academy of Medical Sciences; Jiangsu Tasly Diyi Pharmaceutical Co., Ltd. The application has been assigned to **Beijing Gushen Life Health Technology Co., Ltd; Institute of Materia Medica, Chinese Academy of Medical Sciences**

2017240366 Mallinckrodt Hospital Products IP Limited The application has been assigned to **Mallinckrodt Pharmaceuticals Ireland Limited**

2017254764 Ventura Holdings Ltd. The application has been assigned to **Ocumetics Technology Corp.**

2017270864 Jiangsu Tasly Diyi Pharmaceutical Co., Ltd.; Institute of Materia Medica, Chinese Academy of Medical Sciences The application has been assigned to **Beijing Gushen Life Health Technology Co., Ltd; Institute of Materia Medica, Chinese Academy of Medical Sciences**

2017361124 Centaur Health Holdings, Inc. The application has been assigned to **Leo Cancer Care, Inc.**

2018

2018304703 Semma Therapeutics, Inc. The application has been assigned to **VERTEX PHARMACEUTICALS INCORPORATED**

2018309724 Vasculonics LLC The application has been assigned to **The Trustees of Indiana University**

2018335575 Fred Hutchinson Cancer Research Center The application has been assigned to **Fred Hutchinson Cancer Center**

2018337070 Centaur Health Holdings, Inc. The application has been assigned to **Leo Cancer Care, Inc.**

2019

2019321072 Techniche (Trinidad) Ltd. The application has been assigned to **Biohydrogen Technologies Ltd.**

2019329984 Fred Hutchinson Cancer Research Center The application has been assigned to **Fred Hutchinson Cancer Center**

2019331368 Advanced Messaging Technologies, Inc. The application has been assigned to **j2 Cloud Services, LLC**

2019347502 Decoy Biosystems, Inc. The application has been assigned to **Indaptus Therapeutics, Inc.**

Assignments before Grant, Section 113

2019364424 Seaton, Jonathon; Cser, Tamas The application has been assigned to **Functionize, Inc.**

2019371341 Loyalty Based Innovations, LLC The application has been assigned to **LifeBridge Innovations, PBC**

2019904904 The Australian National University The application has been assigned to **VAI PHOTONICS PTY LTD**

2020

2020222230 Cellink AB The application has been assigned to **CELL-LINK Bioprinting AB**

2020223771 Loyalty Based Innovations, LLC The application has been assigned to **LifeBridge Innovations, PBC**

2020229950 Visual Oxy, S.L. The application has been assigned to **DECISIVE GROUP LIMITED**

2020257792 Queensland University of Technology The application has been assigned to **University of Western Australia**

2020287269 Synaptic Research, LLC The application has been assigned to **IPSEN BIOPHARM LIMITED**

2020293587 Cellink AB The application has been assigned to **CELL-LINK Bioprinting AB**

2020315134 Hospital Clínic de Barcelona; Institut d'investigacions Biomèdiques August Pi i Sunyer (IDIBAPS); Universitat de Barcelona; Consorcio Centro de Investigación Biomédica en Red, M.P. The application has been assigned to **CONSORCIO CENTRO DE INVESTIGACIÓN BIOMÉDICA EN RED; Institut d'investigacions Biomèdiques August Pi i Sunyer (IDIBAPS); Hospital Clínic de Barcelona; Universitat de Barcelona**

2020322154 Metso Minerals Oy The application has been assigned to **METSO OUTOTEC FINLAND OY**

2020330755 Synaptic Research, LLC The application has been assigned to **IPSEN BIOPHARM LIMITED**

2020330795 Tohoku University The application has been assigned to **Tohoku Techno Arch Co., Ltd.**

2020345574 Missingen Services AS The application has been assigned to **Busch PROtective Germany GmbH & Co. KG**

2021

2021901996 The Australian National University The application has been assigned to **VAI PHOTONICS PTY LTD**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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

2004

2004266181 **Sorterra Pty Ltd** An application to extend the time from 25 Aug 2021 to 25 Mar 2022 in which to pay a renewal fee has been filed . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2010

2010203029 **BBQ Spit Rotisseries Pty Ltd** An application to extend the time from 16 Nov 2021 to 16 Jun 2022 in which to pay a renewal fee has been filed . Address for service - The Trustee for BSR1 Trust 2/59 Brunel Rd Seaford VIC 3198 AU

2010283544 **Medasani, M.** An application to extend the time from 11 Aug 2021 to 11 Mar 2022 in which to pay a renewal fee has been filed . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

2015

2015255327 **Zhao, S.** An application to extend the time from 15 Nov 2021 to 15 Jun 2022 in which to pay a renewal fee has been filed . Address for service - John Christiansen 5/22-24 Charnwood Road St Kilda VIC 3182 AU

2016

2016247220 **Tata Consultancy Services Limited** An application to extend the time from 21 Oct 2020 to 21 Feb 2022 in which to pay a renewal fee has been filed . Address for service - IP SOLVED (ANZ) PTY. LTD. PO BOX R1791 ROYAL EXCHANGE NSW 1225 AU

2017

2017254893 **Schneider Electric Software, LLC** An application to extend the time from 01 Nov 2021 to 01 Jul 2022 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017271550 **Purdue Research Foundation; Endocyte, Inc.** An application to extend the time from 25 May 2021 to 25 Jan 2022 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017304275 **Sri Lanka Institute of Nanotechnology (Pvt) Ltd.** An application to extend the time from 26 Jul 2021 to 26 Feb 2022 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2017322741 **Vermeer Manufacturing Company** An application to extend the time from 12 Sep 2021 to 12 May 2022 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2017325112 **Polygrid Pty Ltd** An application to extend the time from 08 Sep 2021 to 08 Jun 2022 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Extensions of Time, Section 223**2018**

2018337476 **LG Electronics Inc.** An application to extend the time from 19 Jan 2022 to 19 Oct 2022 in which to gain acceptance has been filed . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

2020

2020229800 **ELI LILLY AND COMPANY** An application to extend the time from 27 Sep 2021 to 27 Jun 2022 in which to enter the National Phase has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Applications Allowed - Section 223(2)**2014**

2014204421 **Provda, A.; Provda, A.** The time in which to pay a renewal fee has been extended to 15 Mar 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2017

2017202856 **Smith, M.** The time in which to request examination has been extended to 01 Jul 2022 . Address for service - Elliptic Legal & Patent Services Suite 5A 63 Shepperton Road Victoria Park WA 6100 AU

2017291923 **Alcoa USA Corp.** The time in which to pay the acceptance fee has been extended to 17 Jun 2022 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018

2018100594 **Xiao, A.** The time in which to pay a renewal fee has been extended to 09 Jan 2022 . Address for service - Xtronix Pty Ltd 6 Fredrick St Richmond SA 5033 AU

2018101155 **stodulka, a.** The time in which to pay a renewal fee has been extended to 13 Apr 2022 . Address for service - andrea mario stodulka 99 traalee st Hume ACT 2620 AU

2018204940 **KOSZO, N.** The time in which to request examination has been extended to 12 Jul 2022 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

2018220072 **IXUP IP Pty Ltd** The time in which to request examination has been extended to 09 Apr 2022 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2018266819 **Barber, G.** The time in which to request examination has been extended to 15 May 2022 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2018276308 **Leaf Research Pty Ltd** The time in which to request examination has been extended to 08 Jun 2022 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street SYDNEY NSW 2000 AU

Extensions of Time, Section 223**2019**

2019100277 **Tran, C.; McKenzie, D.** The time in which to pay a renewal fee has been extended to 15 Feb 2022 . Address for service - David McKenzie 23 Tindale rd Artarmon Artarmon NSW 2064 AU

2019262126 **Geissler Companies, LLC** The time in which to gain acceptance has been extended to 19 May 2022 . Address for service - Franke Hyland Pty Ltd PO Box 356 NORTH RYDE BC NSW 1670 AU

2020

2020315841 **CANGET BIOTEKPHARMA** The time in which to enter the National Phase has been extended to 22 May 2022 . Address for service - Blue Penguin IP Ltd Gracefield Innovation Centre 69 Gracefield Road Lower Hutt 5010 NZ

2020352595 **SOCIÉTÉ DES PRODUITS NESTLÉ S.A.** The time in which to enter the National Phase has been extended to 27 Jun 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020361621 **CROSSBAY MEDICAL, INC.** The time in which to enter the National Phase has been extended to 09 Jun 2022 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2020381169 **KOUTZOGLOU, Stylianos** The time in which to enter the National Phase has been extended to 08 Jul 2022 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2020386559 **BLAFAR LIMITED; WANG, Wenxin** The time in which to enter the National Phase has been extended to 18 Jul 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020387745 **BLAFAR LIMITED; WANG, Wenxin** The time in which to enter the National Phase has been extended to 18 Jul 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020389341 **BLAFAR LIMITED; WANG, Wenxin** The time in which to enter the National Phase has been extended to 18 Jul 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2021

2021201561 **PIONEER HI-BRED INTERNATIONAL, INC.** The time in which to pay a renewal fee has been extended to 06 Apr 2022 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2021203862 **Bry Air [Asia] Pvt. Ltd.** The time in which to request examination has been extended to 29 Mar 2022 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

Section 223(1) Allowances**2018**

2018220072 **IXUP IP Pty Ltd** The time in which to file a notice of entitlement in the approved form has been extended to 09 Jun 2022

Amendments**Applications for Amendment**

Amendments

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.

2014

2014277831 SYNTHESIS OF CARBAMOYLPYRIDONE HIV IN-TEGRASE INHIBITORS AND INTERMEDIATES **Shionogi & Co. Ltd. ; ViiV Healthcare Company** The nature of the amendment is as shown in the statement(s) filed 02 Jun 2022 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2016

2016351308 Compositions and methods comprising growth factors, chondroitin and glucosamine for degenerative disc regeneration **University Health Network** The nature of the amendment is: Add patentee Notogen, Inc. of MaRS Centre . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016351308 Compositions and methods comprising growth factors, chondroitin and glucosamine for degenerative disc regeneration **University Health Network** The nature of the amendment is: Add inventor EEK, Bjorn C. J. . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016381833 Microfluidic devices for optically-driven convection and displacement, kits and methods thereof **Berkeley Lights, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Jun 2022 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017

2017363511 Flow cell assembly securement system and method **Illumina, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018

2018270241 Neural paraphrase generator **Thomson Reuters Enterprise Centre GmbH** The nature of the amendment is as shown in the statement(s) filed 22 Jun 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018426926 System for manipulating the load in bulk rail trains and method for operating such a system **indurad GmbH** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018437601 Flow control device, indoor unit and air-conditioning apparatus **Mitsubishi Electric Corporation** The nature of the amendment is as shown in the statement(s) filed 31 May 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019226562 Medical devices containing poly(butylene succinate) and copolymers thereof **Tepha, Inc.** The nature of the amendment is as

Amendments

shown in the statement(s) filed 15 Jun 2022 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2019230247 Screw joint for oil well pipe **JFE Steel Corporation** The nature of the amendment is as shown in the statement(s) filed 03 Jun 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019250267 Compositions and methods for degenerative disc regeneration **University Health Network** The nature of the amendment is: Add patentee Notogen, Inc. of MaRS Centre . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2019250267 Compositions and methods for degenerative disc regeneration **University Health Network** The nature of the amendment is: Add inventor EEK, Bjorn C. J. . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2019321895 Communication method and communication device **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 28 Jun 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019362776 Brassica Event MON94100 and methods of use thereof **Monsanto Technology LLC** The nature of the amendment is as shown in the statement(s) filed 01 Jun 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2020

2020201619 Therapeutic nuclease compositions and methods **University of Washington** The nature of the amendment is as shown in the statement(s) filed 17 Jun 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020303885 Blast cell cooling with guided airflow **Lineage Logistics, LLC** The nature of the amendment is as shown in the statement(s) filed 21 Jun 2022 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2020346810 Articles and formulations for smoking products and vaporizers **Cabbacis LLC** The nature of the amendment is as shown in the statement(s) filed 08 Jun 2022 . Address for service - Pini IP 638 Queensberry St North Melbourne VIC 3051 AU

2021

2021363112 Exercise sled **Hinton, S.** The nature of the amendment is: To add associated provisional application details as 2019903688 filed on 1 October 2019 . Address for service - ACROGON GROUP PTY LTD PO Box 1210 Cronulla NSW 2230 AU

Amendments Made

2006

2006284296 **bioMérieux** The nature of the amendment is: To amend the patentee name to read bioMérieux

Amendments**2014**

2014231720 **Ultraclean Fuel Limited** The nature of the amendment is: Amend the priority details to read 61/790,749 15 Mar 2013 US and 61/841,870 01 Jul 2013 US

2015

2015292889 **Delinia, Inc.** The nature of the amendment is as shown in the statements filed 04 May 2021, 27 Aug 2021 and 31 Jan 2022

2016

2016200757 **Talon Engineering SDN. BHD** The nature of the amendment is as shown in the statement filed 10 Mar 2022

2016228262 **Clifton Development and Designs Pty Ltd** The nature of the amendment is as shown in the statement filed 16 Jun 2022

2016256750 **Dezinal Pty Ltd** The nature of the amendment is as shown in the statement filed 07 Jul 2021

2016258977 **Pieris Pharmaceuticals GmbH** The nature of the amendment is as shown in the statement filed 30 Mar 2022

2016277121 **Lentigen Technology, Inc.** The nature of the amendment is as shown in the statement filed 09 Mar 2022

2017

2017288125 **Horton, Inc.** The nature of the amendment is as shown in the statement filed 30 Mar 2022

2017301122 **Vodasafe Inc.** The nature of the amendment is as shown in the statement filed 01 Apr 2022

2017318401 **Société des Produits Nestlé S.A.** The nature of the amendment is as shown in the statement filed 30 Mar 2022

2017429631 **Google LLC** The nature of the amendment is as shown in the statement(s) filed 21 Mar 2022

2018

2018430794 **Nokia Technologies Oy** The nature of the amendment is as shown in the statement(s) filed 30 Mar 2022

2019

2019240829 **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.** The nature of the amendment is: Amend the invention title to read A method for stimulating a tissue structure by means of an electric field strength, a system for stimulating a tissue structure and a magnetic structure for implantation on a tissue structure

2019273268 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 05 Apr 2022

2019337344 **Kaak Groep B.V.** The nature of the amendment is: Amend the name of the inventor to read VAN ZUTPHEN, Pieter Petrus Hendrikus; RABEN, Sjoerd Gerardus Johannes; VEROUDEN, Fran-

Amendments

ciscus Quirinus Fredrik; VAN DER BORG, Lodewijk Stephanus Margaretha Joseph and KOKKOTI, Maria

2019339924 **Risen (Suzhou) Pharma Tech Co. Ltd.** The nature of the amendment is as shown in the statement filed 01 Apr 2022

2019474803 **Provectus Pharmatech, Inc.; UTI Limited Partnership** The nature of the amendment is as shown in the statement filed 10 Jun 2022

2020

2020200642 **Isolynx, LLC** The nature of the amendment is as shown in the statement filed 04 Apr 2022

2020337729 **ZEG Power AS** The nature of the amendment is as shown in the statement(s) filed 13 Apr 2022

2020379920 **Alzchem Trostberg GmbH** The nature of the amendment is: Amend the name of the inventor to read GÜTHNER, Thomas; GEHRMANN, Hubertus; EBERL, Martin and MARTÍNEZ RAMOS, José

2020386636 **Lentigen Technology, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Jun 2022

2020389177 **Osaka University; Tosoh Corporation** The nature of the amendment is as shown in the statement filed 23 Jun 2022

2020396959 **Illumina, Inc.** The nature of the amendment is: Amend the name of a co-inventor to read REN, Hongji

2020397424 **BCN Peptides, S.A.** The nature of the amendment is as shown in the statement(s) filed 08 Jun 2022

2020399285 **Illumina Singapore Pte. Ltd.** The nature of the amendment is: Amend the names of the inventor to read WANG, Shyun Long and ANG, Beng Keong

2020402128 **Hellenes Holding AS** The nature of the amendment is as shown in the statement filed 23 Jun 2022

2020402398 **OrganoWood AB** The nature of the amendment is as shown in the statement filed 06 Jun 2022

2020404981 **Insurance Services Office, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Jun 2022

2020409912 **UNIST(Ulsan National Institute of Science and Technology); Smartin Bio Inc.** The nature of the amendment is: Amend the invention title to read COMPOUNDS FOR INHIBITING NEOVASCULARIZATION FACTORS AND USE THEREOF

2020412597 **The Penn State Research Foundation** The nature of the amendment is: Amend the invention title to read BIOADHESIVE COMPOSITIONS AND METHODS OF MAKING THE SAME

2020415579 **Toppan Inc.** The nature of the amendment is: Amend the invention title to read Display and display method

Amendments

2020422786 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secret maximum value calculation apparatus, method, and program

2020423665 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secret maximum value calculation apparatus, method and program

2020423805 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secure selective product computation system, secure selective product computation method, secure computation apparatus, and program

2020423806 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secure computation apparatus, secure computation method, and program

2020424313 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secure inverse computation system, secure normalization system, methods therefor, secure computation apparatus, and program

2020424575 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secure square root computation system, secure normalization system, methods therefor, secure computation apparatus, and program

2020424576 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secure selective product computation system, secure selective product computation method, secure computation apparatus, and program

2020424992 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secure exponential function computation system, secure exponential function computation method, secure computation apparatus, and program

2020424993 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secure computation apparatus, secure computation method, and program

2020425195 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secure inverse square root computation system, secure normalization system, methods therefor, secure computation apparatus, and program

2020425196 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secure computation apparatus, secure computation method, and program

2021

2021205104 **NAVICO HOLDING AS** The nature of the amendment is: Amend the name of the inventor to read PROCTOR, Alan Lee and CASPALL, Jayme J.

2021208943 **Daegu-Gyeongbuk Medical Innovation Foundation; Pimedbio, Inc.** The nature of the amendment is as shown in the statement filed 10 Jun 2022

Amendments

2021220808 **Honor Device Co., Ltd.** The nature of the amendment is: Amend the invention title to read CARD DISPLAY METHOD, ELECTRONIC DEVICE, AND COMPUTER READABLE STORAGE MEDIUM

2021232845 **Clark, J.** The nature of the amendment is as shown in the statement(s) filed 14 Oct 2021

2022

2022202102 **Pongrass, R.** The nature of the amendment is: Amend the priority details to remove associated provisional 2020904529

2022204085 **Tribus, LLC** The nature of the amendment is: Amend the name of the inventor to read KISS, Michael Z. and KRAMER, David M.

2022901614 **YAPP, K.** The nature of the amendment is: Amend the invention title to read TWEEZERS AND A METHOD OF CONDUCTING ROOT CANAL THERAPY

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

2006

2006311873 Infectious Disease Research Institute; Inbios International, Inc. The name of the patentee has been altered to **ACCESS TO ADVANCED HEALTH INSTITUTE; Inbios International, Inc.**

2007

2007354917 Infectious Disease Research Institute The name of the patentee has been altered to **ACCESS TO ADVANCED HEALTH INSTITUTE**

2010

2010256461 Infectious Disease Research Institute The name of the patentee has been altered to **ACCESS TO ADVANCED HEALTH INSTITUTE**

2011

2011279242 **KIDS II, INC.** The name of the patentee has been altered to **Kids2, Inc.**

2011305236 **KIDS II, Inc.** The name of the patentee has been altered to **Kids2, Inc.**

2013

2013206252 PreventAGE Healthcare, LLC The name of the patentee has been altered to **Journey Biosciences Inc.**

2013323206 University of Washington through its Center for Commercialization; Fred Hutchinson Cancer Research Center The name of the patentee has been altered to **University of Washington through its Center for Commercialization; Fred Hutchinson Cancer Center**

2014

2014200335 Joy Global Conveyors Inc The name of the patentee has been altered to **Continental Global Material Handling LLC**

2014207413 Joy Global Conveyors Inc The name of the patentee has been altered to **Continental Global Material Handling LLC**

Amendments

2014373928 Infectious Disease Research Institute The name of the patentee has been altered to **ACCESS TO ADVANCED HEALTH INSTITUTE**

2016

2016201957 Joy Global Conveyors Inc The name of the patentee has been altered to **Continental Global Material Handling LLC**

2016203614 Joy Global Conveyors Inc The name of the patentee has been altered to **Continental Global Material Handling LLC**

2016215023 University of Washington; Fred Hutchinson Cancer Research Center; Oricula Therapeutics LLC The name of the patentee has been altered to **University of Washington; Oricula Therapeutics LLC; Fred Hutchinson Cancer Center**

2016259326 Cornell Pump Company The name of the patentee has been altered to **Cornell Pump Company LLC**

2016334216 Joy Global Conveyors Inc The name of the applicant has been altered to **Continental Global Material Handling LLC**

2017

2017202443 Joy Global Conveyors Inc The name of the patentee has been altered to **Continental Global Material Handling LLC**

2017223977 Joy Global Conveyors Inc The name of the applicant has been altered to **Continental Global Material Handling LLC**

2017248457 Joy Global Conveyors Inc The name of the patentee has been altered to **Continental Global Material Handling LLC**

2017268144 Infectious Disease Research Institute The name of the patentee has been altered to **ACCESS TO ADVANCED HEALTH INSTITUTE**

2017268175 Infectious Disease Research Institute; University of Virginia Patent Foundation The name of the applicant has been altered to **ACCESS TO ADVANCED HEALTH INSTITUTE; University of Virginia Patent Foundation**

2017273650 Infectious Disease Research Institute The name of the applicant has been altered to **ACCESS TO ADVANCED HEALTH INSTITUTE**

2017293942 Infectious Disease Research Institute; Hawaii Biotech Inc. The name of the applicant has been altered to **ACCESS TO ADVANCED HEALTH INSTITUTE; Hawaii Biotech Inc.**

2018

2018201186 Joy Global Conveyors Inc The name of the applicant has been altered to **Continental Global Material Handling LLC**

2018306540 Professional Dietetics International S.r.l. The name of the applicant has been altered to **Professional Dietetics S.p.A.**

2018307712 Professional Dietetics International S.r.l. The name of the applicant has been altered to **Professional Dietetics S.p.A.**

Amendments

2018367880 Valtech Cardio, Ltd. The name of the applicant has been altered to **Edwards Lifesciences Innovation (Israel) LTD.**

2018439818 Shenzhen Carku Technology Co., Limited. The name of the applicant has been altered to **Shenzhen Carku Technology Co., Limited**

2019

2019204429 Seattle Children's Hospital d/b/a Seattle Children's Research Institute; Fred Hutchinson Cancer Research Center The name of the patentee has been altered to **Seattle Children's Hospital d/b/a Seattle Children's Research Institute; Fred Hutchinson Cancer Center**

2019206004 Joy Global Conveyors Inc The name of the applicant has been altered to **Continental Global Material Handling LLC**

2019226160 Joy Global Conveyors Inc The name of the applicant has been altered to **Continental Global Material Handling LLC**

2019299446 Boston Scientific Neuromodulation Corporation The name of the applicant has been altered to **Boston Scientific Neuromodulation Corporation**

2019301967 Valtech Cardio, Ltd. The name of the applicant has been altered to **Edwards Lifesciences Innovation (Israel) LTD.**

2019448286 State Grid Corporation of China; State Grid Electronic Commerce Co., Ltd.; State Grid Xiong'an Financial Technology Group Co., Ltd. The name of the applicant has been altered to **State Grid Corporation of China; State Grid Digital Technology Holding CO., LTD.; State Grid Xiong'an Financial Technology Group Co., Ltd.**

2020

2020229559 Sumitomo Dainippon Pharma Co., Ltd. ; International Institute of Cancer Immunology, Inc. The name of the applicant has been altered to **Sumitomo Pharma Co., Ltd.; International Institute of Cancer Immunology, Inc.**

2020264938 Cornell Pump Company The name of the applicant has been altered to **Cornell Pump Company LLC**

2020284630 Valtech Cardio, Ltd. The name of the applicant has been altered to **Edwards Lifesciences Innovation (Israel) LTD.**

2020317121 Valtech Cardio, Ltd. The name of the applicant has been altered to **Edwards Lifesciences Innovation (Israel) LTD.**

2020372489 Brex, Inc. The name of the applicant has been altered to **Brex Inc.**

2020387937 The United States of America, as Represented by the Secretary, Dept. of Health and Human Services; The University of Maryland, Baltimore The name of the applicant has been altered to **The United States Government as Represented by the Department of Veterans Affairs; The United States of America, as Represented by the Secretary, Dept. of Health and Human Services; The University of Maryland, Baltimore**

Amendments**2021**

2021202434 Joy Global Conveyors Inc The name of the applicant has been altered to **Continental Global Material Handling LLC**

2021221684 IP Reserve Pty Ltd The name of the applicant has been altered to **Plungie IP Pty Ltd**

2021225144 Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhuichuang Technology (Suzhou) Co., Ltd. The name of the applicant has been altered to **Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co., Ltd.**

2022

2022202596 ClarVista Medical, Inc. ; The Regents of the University of Colorado, a body corporate The name of the applicant has been altered to **Alcon, Inc.; The Regents of the University of Colorado, a body corporate**

2022901699 ClerVue Technologies Limited The name of the applicant has been altered to **ClearVue Technologies Ltd**

Applications Open to Public Inspection

Name Index

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

(71) Abbott Diabetes Care Inc.
(11) AU-A-2022204236
(21) 2022204236 **(22)** 17.06.2022
(54) Focused sterilization and sterilized sub-assemblies for analyte monitoring systems
(51) Int. Cl.
A61B 5/145 (2006.01)
(43) 14.07.2022
(62) 2019282729
(72) Thomas, Christopher A.; Pace, Louis; Patel, Dharmendra; Dipalma, Vincent M.; Rao, Vivek S.; Mitchell, Steven T.; Lambert, Byron J.; Robinson, Peter G.; Voit, Peter M.; Pudjijanto, Stephen T.; Simmons, Matthew; Wu, Hsuehchieh; Le, Vu H.; Manion, Johnathan D.; Harris, Christopher M.; Nguyen, Tuan; Philip, Carter W.; McCanless, Jonathan D.
(74) FPA Patent Attorneys Pty Ltd

(71) Abbott Diabetes Care Inc.
(11) AU-A-2022204486
(21) 2022204486 **(22)** 24.06.2022
(54) Lactate sensors and associated methods
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1473 (2006.01)
A61B 5/1486 (2006.01)
(43) 14.07.2022
(62) 2019257152
(72) Chen, Kuan-Chou; Ouyang, Tianmei; Oja, Stephen; Feldman, Benjamin J.; Cho, Hyun; Tran, Lam; Eshoo, Mark
(74) FPA Patent Attorneys Pty Ltd

(71) ADS Therapeutics LLC
(11) AU-A-2022204216
(21) 2022204216 **(22)** 16.06.2022
(54) Compositions and methods of using nintedanib for improving glaucoma surgery success
(51) Int. Cl.
A61K 31/496 (2006.01)
A61F 9/00 (2006.01)
A61F 9/007 (2006.01)
A61P 27/06 (2006.01)
(43) 14.07.2022
(62) 2017274195
(72) Ni, Jinsong; Yang, Rong
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

AHS Hospital Corp. see TScan Therapeutics, Inc.
(21) 2022204350

(71) Apple Inc.
(11) AU-A-2022204422
(21) 2022204422 **(22)** 23.06.2022
(54) User interfaces for messages
(51) Int. Cl.
H04W 4/12 (2009.01)
(43) 14.07.2022
(62) 2020239810
(72) DALONZO, Christian X.; HONG, Zheng Xuan; KARUNAMUNI, Chanaka G.; PAUL, Grant; MATTHEWS, Christopher D.; LOTTERMOSER, Stephen M.; GARCIA III, Robert; BARER, Elliot A.; BISTOLAS, Eugene M.; CHIKH AL SAGHA, Zuheir; CRAWFORD, Jared A.; DE FILIPPIS, Pierre J.; HORN, Kyle W.; IRWIN, Connor J.; YOUNG, Brandon O.; FANG, Vanessa; HARRIS, Jeffrey D.; FEDERIGHI, Craig M.; AK-BARI, Sheha; BINSZ, Adam T.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2022204465
(21) 2022204465 **(22)** 24.06.2022
(54) Media capture lock affordance for graphical user interface
(51) Int. Cl.
G06F 3/0488 (2022.01)
G06F 3/0484 (2022.01)
(43) 14.07.2022
(62) 2019218241
(72) DAVYDOV, Anton M.; KOO, Jane E.; MANZARI, Behkish J.; PAUL, Grant R.; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; WIERSEMA, Daniel J.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2022204466
(21) 2022204466 **(22)** 24.06.2022
(54) User interfaces for viewing live video feeds and recorded video
(51) Int. Cl.
H04N 7/18 (2006.01)
G08B 13/196 (2006.01)
(43) 14.07.2022
(62) 2019267527
(72) CARRIGAN, Taylor G.; COFFMAN, Patrick L.; FOSS, Christopher Patrick; MOHSENI, Daamun; PAGE, Pani
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2022204472
(21) 2022204472 **(22)** 24.06.2022
(54) Validating online access to secure device functionality
(51) Int. Cl.
G06Q 20/12 (2012.01)

G06Q 20/32 (2012.01)
(43) 14.07.2022
(62) 2020203687
(72) CARLSSON, Karl Anders; DIEDERICH, Anton K.; SHARP, Christopher; FASOLI, Gianpaolo; STACHOWIAK, Maciej; BYINGTON, Matthew C.; SHEARER, Nicholas J.; WEINIG, Samuel M.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2022204485
(21) 2022204485 **(22)** 24.06.2022
(54) Systems and methods for interacting with multiple applications that are simultaneously displayed on an electronic device with a touch-sensitive display
(51) Int. Cl.
G06F 3/0488 (2022.01)
G06F 3/0481 (2022.01)
G06F 3/0486 (2013.01)
(43) 14.07.2022
(62) 2021202302
(72) DELLINGER, Richard R.; LEMAY, Stephen O.; WALKIN, Brandon M.
(74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
(11) AU-A-2022204384
(21) 2022204384 **(22)** 22.06.2022
(54) Surgical stapler having a powered handle
(51) Int. Cl.
A61B 17/072 (2006.01)
A61B 17/00 (2006.01)
A61B 17/29 (2006.01)
(43) 14.07.2022
(62) 2017250206
(72) REED, Christina N.; BECERRA, Matthew M.; MCCARTHY, Andrew J.; ZIMMERMAN, Scott; SCHOBER, Joshua M.; DECKER, Steven E.; HUDSON, Kevin; PHAM, Andy
(74) Griffith Hack

(71) Applied Medical Resources Corporation
(11) AU-A-2022204403
(21) 2022204403 **(22)** 22.06.2022
(54) Surgical stapler having articulation mechanism
(51) Int. Cl.
A61B 17/072 (2006.01)
(43) 14.07.2022
(62) 2017250184
(72) SCHOBER, Joshua M.; MCCARTHY, Andrew J.; JASEMIAN, Babak D.
(74) Griffith Hack

Applications Open to Public Inspection - Name Index cont'd

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2022203442
 (21) 2022203442 (22) 20.05.2022
 (54) A METHOD OF OPERATING A GAMING SYSTEM, AN ELECTRONIC GAMING SYSTEM AND AN ELECTRONIC GAME CONTROLLER
 (51) Int. Cl.
 A63F 13/00 (2014.01)
 A63F 9/24 (2006.01)
 G07F 17/32 (2006.01)
 (43) 14.07.2022
 (62) 2020204050
 (72) SANDERS, Liam; CHAN, Matthew
 (74) Griffith Hack

(71) Bayer CropScience Aktiengesellschaft
 (11) AU-A-2022204532
 (21) 2022204532 (22) 27.06.2022
 (54) Method of reducing crop damage
 (51) Int. Cl.
 A01N 25/32 (2006.01)
 A01N 43/80 (2006.01)
 A01N 43/82 (2006.01)
 A01P 13/00 (2006.01)
 (43) 14.07.2022
 (62) 2017320741
 (72) Auler, Thomas; Dittgen, Jan; Tossens, Herve
 (74) WRAYS PTY LTD

(71) Beijing Bytedance Network Technology Co., Ltd.
 (11) AU-A-2021376723
 (21) 2021376723 (22) 01.12.2021
 (54) Information interaction method, apparatus, device, storage medium and program product
 (51) Int. Cl.
 H04L 51/04 (2022.01)
 (31) 202011563916.X (32) 25.12.20 (33) CN
 (43) 14.07.2022
 (72) WU, Yijiao; HE, Zhejun; WU, Keifei; ZHOU, Chenman; TAN, Siqi
 (74) Griffith Hack

(71) Beijing Geekplus Technology Co., Ltd.
 (11) AU-A-2022204398
 (21) 2022204398 (22) 22.06.2022
 (54) Cargo sorting system and method
 (51) Int. Cl.
 B07C 5/00 (2006.01)
 B07C 3/02 (2006.01)
 G05D 1/02 (2020.01)
 (43) 14.07.2022
 (62) 2019268423
 (72) Liu, Kai; Yu, Fandi
 (74) Davies Collison Cave Pty Ltd

(71) BIO-RAD LABORATORIES, INC.
 (11) AU-A-2022204177
 (21) 2022204177 (22) 15.06.2022
 (54) System and Method for Isolating and Analyzing Cells
 (51) Int. Cl.
 B01L 3/00 (2006.01)

G01N 30/26 (2006.01)
 G01N 33/00 (2006.01)
 (43) 14.07.2022
 (62) 2021202147
 (72) Handique, Kalyan; Sharma, Vishal; Gogoi, Priyadarshini; Chow, William; Payne, Austin; Boniface, Brian; Gleason, Kyle; Connolly, John; Tuck, Sam
 (74) Pipers Intellectual Property

(71) Biotome Pty Ltd
 (11) AU-A-2022203786
 (21) 2022203786 (22) 01.06.2022
 (54) Novel Peptides and Their Use in Diagnosis
 (51) Int. Cl.
 C07K 14/205 (2006.01)
 A61K 38/00 (2006.01)
 G01N 33/569 (2006.01)
 G01N 33/574 (2006.01)
 (43) 14.07.2022
 (62) 2018225417
 (72) Lundin, Bror Samuel
 (74) Golja Haines & Friend

(71) Block, Inc.
 (11) AU-A-2022204195
 (21) 2022204195 (22) 16.06.2022
 (54) Fraud detection in portable payment readers
 (51) Int. Cl.
 G06Q 20/40 (2012.01)
 G06Q 20/20 (2012.01)
 G07F 7/08 (2006.01)
 (43) 14.07.2022
 (62) 2021202106
 (72) HAMILTON, Shane; LEISERSON, Andrew; AUMENT, Todd
 (74) FB Rice Pty Ltd

(71) BNSF Railway Company
 (11) AU-A-2022204351
 (21) 2022204351 (22) 21.06.2022
 (54) Systems and methods for locating objects
 (51) Int. Cl.
 G06T 7/73 (2017.01)
 (43) 14.07.2022
 (62) 2020329106
 (72) SANIEI, Michael Saied; SI, Xiaoyan; VYSYARAJU, Siva Prasad
 (74) Houlihan2 Pty Ltd

(71) Bombardier Transportation GmbH
 (11) AU-A-2021286380
 (21) 2021286380 (22) 16.12.2021
 (54) Controlled roof drainage via the bellows
 (51) Int. Cl.
 B60D 5/00 (2006.01)
 B61D 17/22 (2006.01)
 (31) EP20217464.5 (32) 28.12.20 (33) EP
 (43) 14.07.2022
 (72) Hartmann, Stefan; Scheibenreif, Christian; Krapp, Maximilian
 (74) FPA Patent Attorneys Pty Ltd

(71) Bonac Corporation
 (11) AU-A-2022204391
 (21) 2022204391 (22) 22.06.2022
 (54) Composition containing nucleic acid molecule stably
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 31/7088 (2006.01)
 A61K 47/12 (2006.01)
 A61K 48/00 (2006.01)
 (43) 14.07.2022
 (62) 2015373071
 (72) YAMADA, Taimu; TOYOFUKU, Hidekazu
 (74) Griffith Hack

Boston Medical Center Corporation see Pfizer Inc.
 (21) 2022204368

(71) Boston Scientific Neuromodulation Corporation
 (11) AU-A-2022204462
 (21) 2022204462 (22) 24.06.2022
 (54) Adjustment of analgesic stimulation parameters based on trust dynamic measurements
 (51) Int. Cl.
 A61N 1/36 (2006.01)
 A61N 1/372 (2006.01)
 (43) 14.07.2022
 (62) 2019272566
 (72) KOZLOSKI, James R.; KALIA, Anup; ROGERS, Jeffrey; BERGER, Sara E.
 (74) Spruson & Ferguson

(71) Buffalo Filter LLC
 (11) AU-A-2022204356
 (21) 2022204356 (22) 21.06.2022
 (54) Method and apparatus for attachment and evacuation
 (51) Int. Cl.
 A61B 18/00 (2006.01)
 B01D 53/00 (2006.01)
 (43) 14.07.2022
 (62) 2020260420
 (72) Hersey, Timothy; Shvetsov, Kyrilo; Pepe, Greg; Bonano, Samantha; Callahan, Joseph P.
 (74) Griffith Hack

California Institute of Technology see The Rockefeller University
 (21) 2022204340

(71) Canon Kabushiki Kaisha
 (11) AU-A-2022204353
 (21) 2022204353 (22) 21.06.2022
 (54) Method, apparatus and system for encoding and decoding a block of video samples
 (51) Int. Cl.
 H04N 19/00 (2014.01)
 G06T 9/40 (2006.01)
 H04N 11/00 (2006.01)
 H04N 19/186 (2014.01)

Applications Open to Public Inspection - Name Index cont'd

H04N 19/96 (2014.01)
(43) 14.07.2022
(62) 2019232801
(72) ROSEWARNE, Christopher James;
 AHMED, Iftekhar
(74) Spruson & Ferguson

(71) Caterpillar Inc.
(11) AU-A-2022204400
(21) 2022204400 **(22)** 22.06.2022
(54) Wear member retention system for an
 implement
(51) Int. Cl.
E02F 9/28 (2006.01)
(43) 14.07.2022
(62) 2017280012
(72) Campomanes, Patrick S.; Dean, Adam
 M.
(74) FPA Patent Attorneys Pty Ltd

(71) Celularity Inc.
(11) AU-A-2022204471
(21) 2022204471 **(22)** 24.06.2022
(54) Methods of tissue generation
(51) Int. Cl.
A61L 27/38 (2006.01)
(43) 14.07.2022
(62) 2020203731
(72) BHATIA, Mohit B.; HARIRI, Robert J.;
 HOFGARTNER, Wolfgang; WANG, Jia-
 Lun; YE, Qian
(74) FB Rice Pty Ltd

(71) Central South University
(11) AU-A-2020471210
(21) 2020471210 **(22)** 30.12.2020
(54) Fault gene predicting method and sys-
 tem for Autonomous-Rail Rapid Transit
 vehicle in smart city
(51) Int. Cl.
G16B 25/10 (2019.01)
(43) 14.07.2022
(72) LIU, Hui; YANG, Rui; LI, Yanfei; XIA, Yu
(74) Spruson & Ferguson

(71) Centurion Medical Products Corpora-
 tion
(11) AU-A-2022204394
(21) 2022204394 **(22)** 22.06.2022
(54) Methods for manufacturing non-glass
 prefilled containers
(51) Int. Cl.
A61L 2/20 (2006.01)
A61M 5/178 (2006.01)
B65B 55/10 (2006.01)
(43) 14.07.2022
(62) 2017273335
(72) KUEHNE, Kelley; CARPENTER, Curt;
 LEGINSKI, Jessica
(74) Spruson & Ferguson

(71) Clinicomp International, Inc.
(11) AU-A-2022204388
(21) 2022204388 **(22)** 22.06.2022

(54) Method and system for adapting pro-
 grams for interoperability and adapters
 therefor
(51) Int. Cl.
G06F 16/25 (2019.01)
G06F 9/54 (2006.01)
G06F 16/242 (2019.01)
G06F 16/2453 (2019.01)
H04L 65/40 (2022.01)

(43) 14.07.2022
(62) 2020331323
(72) HAUDENSCHILD, Chris A.
(74) FB Rice Pty Ltd

(71) CMR Surgical Limited
(11) AU-A-2022204385
(21) 2022204385 **(22)** 22.06.2022
(54) Interfacing a surgical robotic arm and
 instrument
(51) Int. Cl.
A61B 34/30 (2016.01)
A61B 17/00 (2006.01)
(43) 14.07.2022
(62) 2019214500
(72) GRANT, James Oliver; MARSHALL,
 Keith; MCBRIEN, Martin
(74) Griffith Hack

(71) Colgate-Palmolive Company
(11) AU-A-2021290234
(21) 2021290234 **(22)** 21.12.2021
(54) Silicon-free personal care compositions
 and methods for the same
(51) Int. Cl.
A61K 8/42 (2006.01)
A61K 8/34 (2006.01)
A61K 8/86 (2006.01)
A61Q 5/00 (2006.01)
A61Q 5/12 (2006.01)
(31) 63/132,431 **(32)** 30.12.20 **(33)** US
(43) 14.07.2022
(72) AGBLEY, Esinam Kum; ZUNIGA, Ar-
 turo; HERNANDEZ, Edgar H.
(74) Spruson & Ferguson

(71) CommScope Technologies LLC
(11) AU-A-2022204338
(21) 2022204338 **(22)** 21.06.2022
(54) Scheduling the same resource in radio
 access networks
(51) Int. Cl.
H04W 72/04 (2009.01)
H04W 88/08 (2009.01)
(43) 14.07.2022
(62) 2021201369
(72) Barabell, Arthur J.; Eyuboglu, Vedat;
 Mahalingam, Nagi Jayaraman; Rag-
 hothaman, Balaji; Sandberg, Stuart; Ah-
 madi, Sassan
(74) Davies Collison Cave Pty Ltd

(71) CUMMINS, I.
(11) AU-A-2021202826
(21) 2021202826 **(22)** 04.05.2021
(54) Water Renewal Treatment System
(51) Int. Cl.
C02F 1/72 (2006.01)

C01B 15/027 (2006.01)
C02F 1/32 (2006.01)
C02F 1/78 (2006.01)
(31) 2020904866 **(32)** 29.12.20 **(33)** AU
(43) 14.07.2022
(72) CUMMINS, IAN
(74) IAN GEOFFREY CUMMINS

(71) Danyang UPC Auto Parts Co., Ltd.
(11) AU-A-2021290332
(21) 2021290332 **(22)** 23.12.2021
(54) WINDSHIELD WIPER
(51) Int. Cl.
B60S 1/34 (2006.01)
(31) 202023338231.3 **(32)** 30.12.20 **(33)** CN
(43) 14.07.2022
(72) CHANG, Che-Wei; YANG, Cheng-Kai
(74) LESICAR MAYNARD ANDREWS PTY
 LTD

(71) Danyang UPC Auto Parts Co., Ltd.
(11) AU-A-2021290333
(21) 2021290333 **(22)** 23.12.2021
(54) WIPER
(51) Int. Cl.
B60S 1/34 (2006.01)
(31) 202023330790.X **(32)** 30.12.20 **(33)** CN
(43) 14.07.2022
(72) CHANG, Che-Wei; YANG, Cheng-Kai
(74) LESICAR MAYNARD ANDREWS PTY
 LTD

(71) Deka Products Limited Partnership
(11) AU-A-2022204330
(21) 2022204330 **(22)** 21.06.2022
(54) Medical Pump
(51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
A61M 39/28 (2006.01)
(43) 14.07.2022
(62) 2019321669
(72) BAIER, Michael J.; BLUMBERG
 Jr., David; BODDINGTON, Hugh J.;
 FRIEDRICH, Thomas A.; GIROUARD,
 Paul G.; GRAY, Larry B.; NIVENS, Dav-
 id C.
(74) HENRY HUGHES IP LTD

(71) Dexcom, Inc.
(11) AU-A-2022204412
(21) 2022204412 **(22)** 23.06.2022
(54) System and method for factory calibra-
 tion or reduced calibration of an indwell-
 ing sensor based on sensitivity profile
(51) Int. Cl.
A61B 5/1495 (2006.01)
A61B 5/145 (2006.01)
A61B 5/1459 (2006.01)
G01N 1/28 (2006.01)
(43) 14.07.2022
(62) 2020270496
(72) MA, Rui; BHAVARAJU, Naresh C.;
 HAMILTON, Thomas Stuart; HUGHES,
 Jonathan; JACKSON, Jeff; LEE,

Applications Open to Public Inspection - Name Index cont'd

- David I-chun; SIMPSON, Peter C.; VANSLYKE, Stephen J.
(74) FB Rice Pty Ltd
-
- (71)** Dolby Laboratories Licensing Corporation
(11) AU-A-2022204397
(21) 2022204397 **(22)** 22.06.2022
(54) Adaptive Processing with Multiple Media Processing Nodes
(51) Int. Cl.
G10L 21/00 (2013.01)
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B01D 46/10 (2006.01)
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 A61K 9/00 (2006.01)
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 B60L 50/64 (2019.01)
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A61K 31/423 (2006.01)
A61P 37/00 (2006.01)
C07D 413/06 (2006.01)
C07D 413/12 (2006.01)
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C25B 9/67 (2021.01)
C25B 9/70 (2021.01)
H01M 8/04 (2016.01)
H01M 10/60 (2014.01)
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A61K 38/00 (2006.01)
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(54) Topical compositions comprising a resorcinol and powders
(51) Int. Cl.
A61K 31/05 (2006.01)
A61K 9/14 (2006.01)
A61Q 19/08 (2006.01)
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E21C 27/24 (2006.01)
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(72) WILLISON, John
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(54) Chimeric antigen and T cell receptors and methods of use
(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 48/00 (2006.01)
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(72) Wiltzius, Jed
(74) FPA Patent Attorneys Pty Ltd
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G06Q 50/08 (2012.01)
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(54) Food article defect removal apparatus
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B07C 5/36 (2006.01)
(43) 14.07.2022
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(72) Klein, Phillip; Mellor, Kevin; Rhynalds, Chris
(74) FPA Patent Attorneys Pty Ltd
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(54) Laundry treatment apparatus
(51) Int. Cl.
D06F 37/40 (2006.01)
D06F 23/04 (2006.01)
F16D 11/00 (2006.01)
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 (54) Laundry treatment apparatus
 (51) Int. Cl.
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D06F 23/04 (2006.01)
F16D 11/00 (2006.01)
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 (51) Int. Cl.
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 (54) Washing apparatus and method for controlling same
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D06F 33/00 (2020.01)
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B01D 35/30 (2006.01)
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F16L 59/065 (2006.01)
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F25D 23/06 (2006.01)
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A61B 3/00 (2006.01)
A61B 3/09 (2006.01)
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B01D 61/00 (2006.01)
C01D 15/00 (2006.01)
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C01D 15/06 (2006.01)
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B66F 9/065 (2006.01)
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 (31) 10202000032828 (32) 30.12.20 (33) IT
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F03D 13/20 (2016.01)
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A47G 19/34 (2006.01)
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A47J 47/01 (2006.01)
B65D 47/12 (2006.01)
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 FUNCTIONALITY, AND ASSOCIATED
 METHODS
 (51) Int. Cl.
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 (72) PROCTOR, Alan Lee; CASPALL, Jay-
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 CHARGING AND DISCHARGING
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 H01M 50/289 (2021.01)
 H01M 10/052 (2010.01)
 H01M 10/46 (2006.01)
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 NS-B50027-4 AND SEEDS THEREOF
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 Tang, Shunxue; Petrie, James; Singh,
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 (54) Controller and method for wireless
 communication system
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 (72) SHARP, David; ZAMMIT, Joseph
 (74) Griffith Hack

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 resources in a telecommunication sys-
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 Christine I; Petersen, Nikolaj Havnsøe

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 Lærke Clement
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 (54) System for Optical Sensing
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 G02B 6/02 (2006.01)
 G01K 11/3206 (2021.01)
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 (54) System and Method For Determining
 Degradation of Rotating Coupling Using
 Rotation Sensors
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 G01B 11/26 (2006.01)
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 (54) Carbonated beverage makers, meth-
 ods, and systems
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C07K 7/08 (2006.01)
A61K 38/00 (2006.01)
A61L 27/22 (2006.01)
A61P 31/04 (2006.01)
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C12N 15/62 (2006.01)
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A23K 10/30 (2016.01)
A61K 31/7048 (2006.01)
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F03D 9/11 (2016.01)
F03D 9/32 (2016.01)
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B63B 35/44 (2006.01)
F03D 3/00 (2006.01)
F03D 7/04 (2006.01)
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A61K 9/14 (2006.01)
A61K 9/16 (2006.01)
A61K 31/40 (2006.01)
A61K 31/44 (2006.01)
A61K 39/35 (2006.01)
A61P 37/00 (2006.01)
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A61K 9/14 (2006.01)

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A61K 9/127 (2006.01)
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(11) AU-A-2022204439
(21) 2022204439 **(22)** 23.06.2022
(54) TOLEROGENIC SYNTHETIC NANOCARRIERS TO REDUCE ANTIBODY RESPONSES
(51) Int. Cl.
A61K 39/38 (2006.01)
A61K 9/127 (2006.01)
A61K 9/16 (2006.01)
A61K 31/445 (2006.01)
A61K 47/30 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
(43) 14.07.2022
(62) 2019232931
(72) Fraser, Christopher; Kishimoto, Takashi Kei; Maldonado, Roberto A.
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) SenseTime International Pte. Ltd.
(11) AU-A-2021203544
(21) 2021203544 **(22)** 28.04.2021
(54) Methods and apparatuses for training neural network, and methods and apparatuses for detecting correlated objects
(51) Int. Cl.
G06N 3/02 (2006.01)
(31) 10202013245S **(32)** 31.12.20 **(33)** SG
(43) 14.07.2022
(72) ZHANG, Xuesen; LIU, Chunya; WANG, Bairun; CHEN, Jinghuan
(74) Madderns Pty Ltd

(71) SenseTime International Pte. Ltd.
(11) AU-A-2021203742
(21) 2021203742 **(22)** 28.04.2021
(54) Methods and apparatuses for identifying operation event
(51) Int. Cl.
G06K 9/46 (2006.01)
(31) 10202013260Q **(32)** 31.12.20 **(33)** SG
(43) 14.07.2022
(72) WU, Jinyi
(74) Madderns Pty Ltd

(71) SenseTime International Pte. Ltd.
(11) AU-A-2021203818
(21) 2021203818 **(22)** 27.04.2021
(54) Object detection method and apparatus, and electronic device
(51) Int. Cl.
G06K 9/00 (2006.01)
(31) 10202013165P **(32)** 29.12.20 **(33)** SG
(43) 14.07.2022
(72) ZHANG, Xuesen; LIU, Chunya; WANG, Bairun; CHEN, Jinghuan
(74) Madderns Pty Ltd

(71) SenseTime International Pte. Ltd.
(11) AU-A-2021203821
(21) 2021203821 **(22)** 29.04.2021
(54) METHODS, DEVICES, APPARATUSES AND STORAGE MEDIA OF DETECTING CORRELATED OBJECTS INVOLVED IN IMAGES
(51) Int. Cl.
G06K 9/00 (2006.01)
(31) 10202013267T **(32)** 31.12.20 **(33)** SG
(43) 14.07.2022
(72) WANG, Bairun; ZHANG, Xuesen; LIU, Chunya; CHEN, Jinghuan; YI, Shuai
(74) Madderns Pty Ltd

(71) SenseTime International Pte. Ltd.
(11) AU-A-2021203867
(21) 2021203867 **(22)** 28.04.2021
(54) Image identification methods and apparatuses, image generation methods and apparatuses, and neural network training methods and apparatuses
(51) Int. Cl.
G06T 7/00 (2017.01)
(31) 10202013080R **(32)** 28.12.20 **(33)** SG
(43) 14.07.2022
(72) TIAN, Maoqing; JIANG, Yimin; YI, Shuai
(74) Madderns Pty Ltd

(71) SenseTime International Pte. Ltd.
(11) AU-A-2021203869
(21) 2021203869 **(22)** 19.05.2021
(54) Methods, devices, electronic apparatuses and storage media of image processing
(51) Int. Cl.
G06N 3/02 (2006.01)
(31) 10202013266S **(32)** 31.12.20 **(33)** SG

(43) 14.07.2022
(72) WANG, Bairun; ZHANG, Xuesen; LIU, Chunya; CHEN, Jinghuan; YI, Shuai
(74) Madderns Pty Ltd

(71) SenseTime International Pte. Ltd.
(11) AU-A-2021203870
(21) 2021203870 **(22)** 28.04.2021
(54) Method and apparatus for detecting associated objects
(51) Int. Cl.
G06K 9/00 (2006.01)
(31) 10202013169Q **(32)** 29.12.20 **(33)** SG
(43) 14.07.2022
(72) ZHANG, Xuesen; WANG, Bairun; LIU, Chunya; CHEN, Jinghuan
(74) Madderns Pty Ltd

(71) SenseTime International Pte. Ltd.
(11) AU-A-2021204522
(21) 2021204522 **(22)** 25.06.2021
(54) Information interaction methods, apparatuses, devices, and systems and storage media
(51) Int. Cl.
G06F 11/07 (2006.01)
(31) 10202013256W **(32)** 31.12.20 **(33)** SG
(43) 14.07.2022
(72) LIU, Zuxi; LEI, Zhenyu; CUI, Shengping; ZHANG, Shuai
(74) Madderns Pty Ltd

(71) Seres Therapeutics, Inc.
(11) AU-A-2022204478
(21) 2022204478 **(22)** 24.06.2022
(54) SYNERGISTIC BACTERIAL COMPOSITIONS AND METHODS OF PRODUCTION AND USE THEREOF
(51) Int. Cl.
A01N 63/00 (2020.01)
A01N 65/00 (2009.01)
(43) 14.07.2022
(62) 2020201598
(72) Von Maltzahn, Geoffrey; Henn, Matthew R.; D'Onofrio, Anthony Mario; Litcofsky, Kevin Daniel; Berry, David A.; Cook, David; Afeyan, Noubar B.; Aunins, John G.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Seth, R.
(11) AU-A-2022204474
(21) 2022204474 **(22)** 24.06.2022
(54) WEARABLE WIRELESS HMI DEVICE
(51) Int. Cl.
G06F 3/01 (2006.01)
A63F 13/212 (2014.01)
G01B 7/16 (2006.01)
G01D 3/032 (2006.01)
(43) 14.07.2022
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(72) Seth, Rohit
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Shandong University
(11) AU-A-2021363109

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(54) A processing platform for multi-angle double-sided incremental sheet forming with displacement compensation function
(51) Int. Cl.
B21D 5/00 (2006.01)
(31) 202011642209X **(32)** 31.12.20 **(33)** CN
(43) 14.07.2022
(72) LI, Yanle; LIU, Feifei; ZHOU, Shuliu; LI, Fangyi; LIU, Yuanyu; LI, Jianfeng
(74) Collison & Co

(71) SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD.
(11) AU-A-2022204480
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(54) Intelligent cloud delivery and billing method and system for logistics apparatus
(51) Int. Cl.
G06Q 30/06 (2012.01)
(43) 14.07.2022
(62) 2019215319
(72) LIAO, Qingxin; SUN, Yupeng
(74) Griffith Hack

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(71) SLAB TECHNOLOGIES PTY LTD
(11) AU-A-2021286454
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(54) A VOID FORMING SYSTEM FOR USE IN FORMING A CONCRETE SLAB
(51) Int. Cl.
E04G 11/36 (2006.01)
E02D 27/02 (2006.01)
E04G 15/06 (2006.01)
E04G 21/18 (2006.01)
(31) 2020904872 **(32)** 30.12.20 **(33)** AU
(43) 14.07.2022
(72) Roberts, Jason
(74) Adams Pluck

(71) Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited
(11) AU-A-2021290199
(21) 2021290199 (22) 20.12.2021
(54) Methods for making and using pharmaceutical compositions for iontophoresis
(51) Int. Cl.
A61K 47/02 (2006.01)
A61K 31/137 (2006.01)
A61K 31/167 (2006.01)
A61N 1/30 (2006.01)
(31) 63/131,099 **(32)** 28.12.20 **(33)** US
(43) 14.07.2022
(72) Kermani, Mahyar Z.
(74) Davies Collison Cave Pty Ltd

(71) Smith & Nephew, Inc.
(11) AU-A-2022204447

(21) 2022204447 (22) 23.06.2022
(54) DMLS orthopedic intramedullary device and method of manufacture
(51) Int. Cl.
A61B 17/72 (2006.01)
B22F 3/105 (2006.01)
(43) 14.07.2022
(62) 2020227095
(72) Faber, Henry; Wilson, Darren James; Harness, David Bradford
(74) Davies Collison Cave Pty Ltd

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(21) 2021290199

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(21) 2021290199

(71) Strata Products Worldwide, LLC
(11) AU-A-2021290401
(21) 2021290401 (22) 28.12.2021
(54) Polymer Composite Timber Pile and Methods
(51) Int. Cl.
E02D 5/64 (2006.01)
E02D 5/26 (2006.01)
(31) 63/131,579 **(32)** 29.12.20 **(33)** US
(43) 14.07.2022
(72) Behling, Joshua Stephen
(74) BOSH IP Pty Ltd

(71) Synthes GmbH
(11) AU-A-2022204470
(21) 2022204470 (22) 24.06.2022
(54) Saw gear set
(51) Int. Cl.
A61B 17/14 (2006.01)
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(62) 2016411988
(72) SCHMUCKLI, Nils; GISLER, Stefan; HERMANN, Markus; GOOSSEN, Robert; MUENCH, Martin
(74) Spruson & Ferguson

(71) Synthro Inc.
(11) AU-A-2022204382
(21) 2022204382 (22) 22.06.2022
(54) SYSTEMS AND TECHNIQUES FOR AGGREGATION, DISPLAY, AND SHARING OF DATA
(51) Int. Cl.
G06Q 10/06 (2012.01)
G06F 3/0482 (2013.01)
G06F 3/0485 (2022.01)
G06F 12/0866 (2016.01)
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(43) 14.07.2022
(62) 2016316125
(72) Greco, Michael A.; Pulaski Jr., Michael J.; Heinrich, Luc A.; Bradley, Patrick J.; Chailleux, Alexandre; Phelps, Steven

D.; Matsumoto, Ronald Allen; Pacini, David J.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Techtronic Floor Care Technology Limited
(11) AU-A-2022204401
(21) 2022204401 (22) 22.06.2022
(54) Portable extractor
(51) Int. Cl.
A47L 11/40 (2006.01)
A47L 11/30 (2006.01)
(43) 14.07.2022
(62) 2019343966
(72) QUINTERO, Juan Aviles; DEL TORO, Israel; IRFAN, Mohammed; BODE, Donovan; RUKAVINA, Douglas M.
(74) Griffith Hack

(71) Tendyne Holdings, Inc.
(11) AU-A-2022204333
(21) 2022204333 (22) 21.06.2022
(54) IMPROVEMENTS FOR PROSTHETIC VALVES AND RELATED INVENTIONS
(51) Int. Cl.
A61F 2/24 (2006.01)
A61F 2/82 (2013.01)
A61L 27/14 (2006.01)
A61L 27/54 (2006.01)
A61M 39/22 (2006.01)
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(72) Schankereli, Kemal; Lozonschi, Lucian; Lutter, Georg; Vidlund, Robert
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Terra CO2 Technology Holdings, Inc.
(11) AU-A-2022204367
(21) 2022204367 (22) 22.06.2022
(54) CEMENTITIOUS REAGENTS, METHODS OF MANUFACTURING AND USES THEREOF
(51) Int. Cl.
C04B 7/44 (2006.01)
(43) 14.07.2022
(62) 2020303728
(72) Lake, Donald
(74) PHILLIPS ORMONDE FITZPATRICK

(71) THALES; Institut Mines Telecom
(11) AU-A-2021290423
(21) 2021290423 (22) 30.12.2021
(54) Method for determining the position of a decoy using at least one receiver
(51) Int. Cl.
G01S 19/42 (2010.01)
G01S 19/05 (2010.01)
G01S 19/07 (2010.01)
G01S 19/09 (2010.01)
G01S 19/13 (2010.01)
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 (74) FB Rice Pty Ltd

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 (21) 2021286450 (22) 17.12.2021
 (54) A BARRIER COMPONENT AND A METHOD OF MANUFACTURING A BARRIER COMPONENT
 (51) Int. Cl.
 B29C 59/02 (2006.01)
 B29C 33/42 (2006.01)
 B29C 59/04 (2006.01)
 B63B 5/24 (2006.01)
 (31) 2020620.7 (32) 24.12.20 (33) GB
 (43) 14.07.2022
 (72) BOND, Andrew; MATHIESON, Andrew
 (74) Griffith Hack

(71) Thales Holdings UK PLC
 (11) AU-A-2021286381
 (21) 2021286381 (22) 16.12.2021
 (54) SURFACE DEPLOYED COMMUNICATION BUOY
 (51) Int. Cl.
 B63B 22/18 (2006.01)
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 (72) SHEPPARD, Nick; HOOPER, Craig; BOND, Andrew; THOMAS-BENNETT, Digby
 (74) Griffith Hack

(71) The Children's Hospital of Philadelphia
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 (54) Methods of diagnosing and treating anxiety disorder
 (51) Int. Cl.
 A61K 31/454 (2006.01)
 A61P 25/00 (2006.01)
 A61P 25/22 (2006.01)
 (43) 14.07.2022
 (62) 2016318786
 (72) HAKONARSON, Hakon; KAO, Charly
 (74) Griffith Hack

(71) The Hilliard Corporation
 (11) AU-A-2021286312
 (21) 2021286312 (22) 15.12.2021
 (54) Center differential and drive system for four-wheel drive vehicle
 (51) Int. Cl.
 B60K 23/08 (2006.01)
 B60K 17/02 (2006.01)
 B60K 23/06 (2006.01)
 F16H 48/16 (2006.01)
 (31) 17/136,684 (32) 29.12.20 (33) US
 (43) 14.07.2022
 (72) HASSON, Jr.; KNICKERBOCKER, Howard J.; PALMER, James E.
 (74) Spruson & Ferguson

(71) The Rockefeller University; California Institute of Technology
 (11) AU-A-2022204340
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 (54) HUMAN IMMUNODEFICIENCY VIRUS NEUTRALISING ANTIBODIES AND METHODS OF USE THEREOF
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 C07K 16/08 (2006.01)
 A61K 39/21 (2006.01)
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 (72) SCHEID, Johannes; NUSSENZ-WEIG, Michel; BJORKMAN, Pamela J.; DISKIN, Ron
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

The United States Government as represented by The Department of Veteran Affairs see Virginia Commonwealth University
 (21) 2022204450

The University of Birmingham see University of Virginia Patent Foundation
 (21) 2022204339

(71) The University of Queensland
 (11) AU-A-2022204362
 (21) 2022204362 (22) 22.06.2022
 (54) DIFFERENTIATION OF PLURIPOTENT STEM CELLS TO FORM RENAL ORGANIDS
 (51) Int. Cl.
 C12N 5/0797 (2010.01)
 C12N 5/071 (2010.01)
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 (62) 2014277667
 (72) Takasato, Minoru; Little, Melissa
 (74) Pearce IP Pty Ltd

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(71) Thurgood, B.; Thurgood, C.; Thurgood, B.
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 (54) A support surface for use with a keyboard or mouse
 (51) Int. Cl.
 A47B 21/03 (2006.01)
 (31) 2020904843 (32) 24.12.20 (33) AU
 (43) 14.07.2022
 (72) Thurgood, Colin
 (74) Michael Buck IP

(71) Transportation IP Holdings, LLC
 (11) AU-A-2022204327
 (21) 2022204327 (22) 21.06.2022

(54) CONTROL SYSTEM AND METHOD FOR A VEHICLE SYSTEM
 (51) Int. Cl.
 B60L 58/10 (2019.01)
 B60L 1/00 (2006.01)
 B60L 15/20 (2006.01)
 G01C 21/34 (2006.01)
 G05D 1/02 (2020.01)
 H02J 7/00 (2006.01)
 (43) 14.07.2022
 (62) 2020289780
 (72) Seenumani, Gayathri; Brooks, James D.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) TScan Therapeutics, Inc.; AHS Hospital Corp.
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 (21) 2022204350 (22) 21.06.2022
 (54) SARS-CoV-2 immunodominant peptide constructs and uses thereof
 (51) Int. Cl.
 C07K 14/165 (2006.01)
 A61K 39/215 (2006.01)
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 (74) RnB IP Pty Ltd

(71) Ulthera, Inc.
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 (54) SYSTEMS AND METHODS FOR COSMETIC ULTRASOUND TREATMENT OF SKIN
 (51) Int. Cl.
 A61N 7/00 (2006.01)
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 (72) Emery, Charles D.; Hsu, Stephen J.
 (74) AJ PARK

(71) UNIVERSITY OF MIAMI
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 (54) INTERLEUKIN-2/INTERLEUKIN-2 RECEPTOR ALPHA FUSION PROTEINS AND METHODS OF USE
 (51) Int. Cl.
 C07K 14/55 (2006.01)
 A61K 38/00 (2006.01)
 C07K 14/715 (2006.01)
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 (72) MALEK, Thomas
 (74) AJ PARK

(71) University of Virginia Patent Foundation; The University of Birmingham
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 (54) Target peptides for colorectal cancer therapy and diagnostics
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 A61K 38/04 (2006.01)

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 (21) 2022204252 (22) 17.06.2022
 (54) NON-INVASIVE AND MINIMALLY INVASIVE LASER SURGERY FOR THE REDUCTION OF INTRAOCULAR PRESSURE IN THE EYE
 (51) Int. Cl.
A61F 9/008 (2006.01)

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 (72) RAKSI, Ferenc
 (74) BOSH IP Pty Ltd

(71) Vifor (International) AG
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 (54) Pharmaceutical composition, comprising phosphate binder particles
 (51) Int. Cl.
A61K 9/20 (2006.01)
A61K 9/14 (2006.01)
A61K 33/26 (2006.01)

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 (72) Chofflon, Laurent; Philipp, Erik
 (74) FPA Patent Attorneys Pty Ltd

(71) Virginia Commonwealth University; Durect Corporation; The United States Government as represented by The Department of Veteran Affairs
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 (54) Use of oxygenated cholesterol sulfates (OCS)
 (51) Int. Cl.
A61K 31/575 (2006.01)
A61K 31/56 (2006.01)
A61P 43/00 (2006.01)

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 (74) FB Rice Pty Ltd

(71) Vista Outdoor Operations LLC
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 (54) Padded sling systems
 (51) Int. Cl.
A45F 3/14 (2006.01)
A45F 5/00 (2006.01)

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 (74) Davies Collison Cave Pty Ltd

(71) Wearable Technology Limited
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 (51) Int. Cl.
G08B 21/02 (2006.01)
G08B 21/12 (2006.01)
G08B 21/18 (2006.01)
G08B 25/00 (2006.01)

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 (72) Carter, Neil John; Sayers, Joanne Rebecca
 (74) Michael Buck IP

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 (54) Wheel Beadlock Design
 (51) Int. Cl.
B60B 25/20 (2006.01)
B60B 7/14 (2006.01)

(31) 17/134,409 (32) 27.12.20 (33) US
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 (72) RICEHOUSE, Daniel I.
 (74) Allens Patent & Trade Mark Attorneys

(71) Wright Medical Technology, Inc.
 (11) AU-A-2022204477
 (21) 2022204477 (22) 24.06.2022
 (54) Circular fixator system and method
 (51) Int. Cl.
A61B 17/62 (2006.01)
A61B 17/64 (2006.01)
A61B 17/66 (2006.01)

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 (72) ROBINSON, Chris; WONG, Kian-Ming
 (74) Spruson & Ferguson

(71) Zeus Company Inc.
 (11) AU-A-2022204383
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 (54) PEELABLE HEAT-SHRINKING TUBING
 (51) Int. Cl.
A61M 25/00 (2006.01)
A61M 25/16 (2006.01)

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 (72) Roof, Irina Puzdrjakova; Tomblin, Brian Robert; Eberling, Zeth; Anneaux, Bruce L.; Tourville, Douglas Lee
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ZHEJIANG JINKO SOLAR CO., LTD.; SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD
 (11) AU-A-2022204453
 (21) 2022204453 (22) 23.06.2022
 (54) SOLAR CELL AND PHOTOVOLTAIC MODULE
 (51) Int. Cl.
H01L 31/0216 (2014.01)
H01L 31/036 (2006.01)

H01L 31/18 (2006.01)
 (43) 14.07.2022
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 (72) LI, Wenqi; YU, Ding; YANG, Jie; ZHANG, Xinyu; JIN, Hao
 (74) AUSTRALASIA IP PTY LTD

(71) ZTE Corporation
 (11) AU-A-2022204379
 (21) 2022204379 (22) 22.06.2022
 (54) Transmission method and apparatus
 (51) Int. Cl.
H04L 5/00 (2006.01)
H04W 72/04 (2009.01)

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2021202826	CUMMINS, I.	2022204327	Transportation IP Holdings, LLC
2021203194	Wheel Pros, LLC	2022204330	Deka Products Limited Partnership
2021203544	SenseTime International Pte. Ltd.	2022204332	Komatsu Ltd.
2021203742	SenseTime International Pte. Ltd.	2022204333	Tendyne Holdings, Inc.
2021203818	SenseTime International Pte. Ltd.	2022204338	CommScope Technologies LLC
2021203821	SenseTime International Pte. Ltd.	2022204339	University of Virginia Patent Foundation; The University of Birmingham
2021203867	SenseTime International Pte. Ltd.	2022204340	The Rockefeller University; California Institute of Technology
2021203869	SenseTime International Pte. Ltd.	2022204343	Janssen Pharmaceutica NV
2021203870	SenseTime International Pte. Ltd.	2022204350	TScan Therapeutics, Inc.; AHS Hospital Corp.
2021204522	SenseTime International Pte. Ltd.	2022204351	BNSF Railway Company
2021204778	DongGuan Koham Industrial Co., Ltd.	2022204353	Canon Kabushiki Kaisha
2021206799	Nien Made Enterprise Co., Ltd.	2022204354	Peptilogics, Inc.
2021212125	Nantong University	2022204355	The Children's Hospital of Philadelphia
2021218167	Ningbo Zhongxin Electronic Technology Co., Ltd.	2022204356	Buffalo Filter LLC
2021221440	FISHER & PAYKEL HEALTHCARE LIMITED	2022204359	Nuseed Nutritional Australia Pty Ltd
2021221556	MarshN PWB Limited	2022204360	INGURAN, LLC
2021254598	Institute for Advanced Engineering	2022204361	PGG Wrightson Seeds Limited
2021269304	Razer (Asia-Pacific) Pte. Ltd.	2022204362	The University of Queensland
2021273562	Palo Alto Research Center Incorporated	2022204363	Drinks Holdings, Inc.
2021273563	Palo Alto Research Center Incorporated	2022204364	ESCO Group LLC
2021273593	Nabrawind Technologies, S.L.	2022204365	Illumina, Inc.
2021277758	HOWMEDICA OSTEONICS CORP.	2022204367	Terra CO2 Technology Holdings, Inc.
2021282544	Wearable Technology Limited	2022204368	Pfizer Inc.; Boston Medical Center Corporation
2021286306	Globe (Jiangsu) Co., Ltd.	2022204369	REBIOTIX, INC.
2021286312	The Hilliard Corporation	2022204370	Fisher & Paykel Healthcare Limited
2021286313	Manitou Italia S.r.l.	2022204375	Fisher & Paykel Healthcare Limited
2021286314	Manitou Italia S.r.l.	2022204376	NAVICO HOLDING AS
2021286376	HONEYWELL INTERNATIONAL INC.	2022204379	ZTE Corporation
2021286380	Bombardier Transportation GmbH	2022204380	Vifor (International) AG
2021286381	Thales Holdings UK PLC	2022204381	Selecta Biosciences, Inc.
2021286413	Ellergon Antriebstechnik Gesellschaft m.b.H.	2022204382	Synthro Inc.
2021286450	Thales Holdings UK Plc	2022204383	Zeus Company Inc.
2021286454	SLAB TECHNOLOGIES PTY LTD	2022204384	Applied Medical Resources Corporation
2021290199	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited	2022204385	CMR Surgical Limited
2021290206	HCS INNOVATIONS LIMITED	2022204387	Fisher & Paykel Healthcare Limited
2021290234	Colgate-Palmolive Company	2022204388	Clinicomp International, Inc.
2021290259	HONEYWELL INTERNATIONAL INC.	2022204389	Equinox Ophthalmic, Inc.
2021290286	Globe (Jiangsu) Co., Ltd.	2022204390	Gilead Sciences, Inc.
2021290307	Thurgood, B.; Thurgood, C.; Thurgood, B.	2022204391	Bonac Corporation
2021290332	Danyang UPC Auto Parts Co., Ltd.	2022204392	Selecta Biosciences, Inc.
2021290333	Danyang UPC Auto Parts Co., Ltd.	2022204394	Centurion Medical Products Corporation
2021290355	Ritchie, B.	2022204395	Selecta Biosciences, Inc.
2021290370	Globe (Jiangsu) Co., Ltd.	2022204397	Dolby Laboratories Licensing Corporation
2021290376	LG Electronics Inc.	2022204398	Beijing Geekplus Technology Co., Ltd.
2021290379	Vista Outdoor Operations LLC	2022204399	Gilead Sciences, Inc.
2021290390	LG Electronics INC.	2022204400	Caterpillar Inc.
2021290395	LG Electronics Inc.	2022204401	Techtronic Floor Care Technology Limited
2021290396	LG Electronics Inc.	2022204403	Applied Medical Resources Corporation
2021290401	Strata Products Worldwide, LLC	2022204406	Haemograph Pty Ltd
2021290418	DrRest PTY LTD	2022204411	Orthopediatrics Corp.
2021290423	THALES; Institut Mines Telecom	2022204412	Dexcom, Inc.
2021363109	Shandong University	2022204416	Lamb Weston, Inc.
2021376723	Beijing Bytedance Network Technology Co., Ltd.	2022204421	Dolby Laboratories Licensing Corporation
2022200019	NAISH, S.	2022204422	Apple Inc.
2022203442	Aristocrat Technologies Australia Pty Limited	2022204423	Kite Pharma, Inc.
2022203786	Biotome Pty Ltd	2022204424	PepsiCo, Inc.
2022204034	UNIVERSITY OF MIAMI	2022204426	Magic Leap, Inc.
2022204098	Ulthera, Inc.	2022204427	FTG BIO LLC
2022204154	SCHLUMBERGER TECHNOLOGY B.V.	2022204430	Evolve SA
2022204177	BIO-RAD LABORATORIES, INC.	2022204436	Fisher & Paykel Healthcare Limited
2022204195	Block, Inc.	2022204437	Fisher & Paykel Healthcare Limited
2022204216	ADS Therapeutics LLC	2022204438	Gilead Sciences, Inc.
2022204236	Abbott Diabetes Care Inc.		

Applications Open to Public Inspection - Numerical Index cont'd

2022204439 Selecta Biosciences, Inc.
2022204446 HigherGround, Inc.
2022204447 Smith & Nephew, Inc.
2022204449 LG Electronics Inc.
2022204450 Virginia Commonwealth University; Durect Corporation;
 The United States Government as represented by The
 Department of Veteran Affairs
2022204452 Equifax Inc.
2022204453 ZHEJIANG JINKO SOLAR CO., LTD.; SHANGHAI
 JINKO GREEN ENERGY ENTERPRISE MANAGE-
 MENT CO., LTD
2022204460 Nuseed Nutritional Australia Pty Ltd
2022204461 Repligen Corporation
2022204462 Boston Scientific Neuromodulation Corporation
2022204463 JCR Pharmaceuticals Co., Ltd.
2022204465 Apple Inc.
2022204466 Apple Inc.
2022204467 Johnson & Johnson Consumer Inc.
2022204470 Synthes GmbH
2022204471 Celularity Inc.
2022204472 Apple Inc.
2022204474 Seth, R.
2022204477 Wright Medical Technology, Inc.
2022204478 Seres Therapeutics, Inc.
2022204480 SHANGHAI HONGYAN RETURNABLE TRANSIT
 PACKAGINGS CO., LTD.
2022204481 F. Hoffmann-La Roche AG
2022204484 Optis Cellular Technology, LLC
2022204485 Apple Inc.
2022204486 Abbott Diabetes Care Inc.
2022204487 GlaxoSmithKline Biologicals S.A.
2022204488 Hickory Design Pty Ltd
2022204490 Ocado Innovation Limited
2022204491 GlaxoSmithKline Biologicals S.A.
2022204494 MANGROVE WATER TECHNOLOGIES LTD
2022204497 GE Video Compression, LLC
2022204498 Joy Global Underground Mining LLC
2022204500 F. Hoffmann-La Roche AG
2022204501 SAMSUNG ELECTRONICS CO., LTD.
2022204532 Bayer CropScience Aktiengesellschaft
2022204591 INCYTE CORPORATION

IPC Index

A01D 34 /- 2021286306 2021290286 2021290370	A61B 18 /- 2022204356	2022204381 2022204392 2022204395 2022204439 2022204487 2022204491	2022204369	B01D 61 /- 2022204494	B63B 22 /- 2021286381
A01D 69 /- 2021290286	A61B 3 /- 2022204426	A61K 47 /- 2021290199 2022204391 2022204392 2022204395 2022204439	A61P 19 /- 2022204463	B01L 3 /- 2022204177	B63B 35 /- 2021290355
A01D 78 /- 2021221556	A61B 34 /- 2022204385	A61K 48 /- 2022204391 2022204392 2022204395 2022204439	A61P 25 /- 2020294309 2022204355 2022204427	B07C 3 /- 2022204398	B63B 5 /- 2021286450
A01G 3 /- 2021204778	A61B 5 /- 2022204236 2022204343 2022204412 2022204486	A61K 48 /- 2022204391 2022204423 2022204487 2022204491	A61P 27 /- 2022204216	B07C 5 /- 2022204398 2022204416	B65B 55 /- 2022204394
A01H 5 /- 2022204260	A61D 19 /- 2022204360	A61K 48 /- 2022204391 2022204423 2022204487 2022204491	A61P 29 /- 2022204392 2022204399 2022204438 2022204439	B21D 5 /- 2021363109	B65D 47 /- 2022200019
A01N 25 /- 2022204532	A61F 2 /- 2021277758 2022204333	A61K 8 /- 2021290234	A61P 3 /- 2022204361	B22F 3 /- 2022204447	B66F 17 /- 2021286313
A01N 43 /- 2022204532	A61F 9 /- 2022204216 2022204252 2022204389	A61K 9 /- 2022204326 2022204380 2022204381 2022204392 2022204395 2022204439 2022204467 2022204487 2022204491	A61P 31 /- 2022204326 2022204354 2022204390	B29C 33 /- 2021286450	B66F 19 /- 2021286314
A01N 63 /- 2022204478	A61H 35 /- 2022204389	A61L 2 /- 2022204394	A61P 35 /- 2022204354	B29C 59 /- 2021286450	B66F 9 /- 2021286313 2021286314
A01N 65 /- 2022204478	A61K 31 /- 2020294309 2021290199 2022204216 2022204326 2022204355 2022204361 2022204381 2022204390 2022204391 2022204392 2022204395 2022204399 2022204427 2022204438 2022204439 2022204450 2022204467 2022204591	A61L 27 /- 2022204333 2022204354 2022204471	A61P 37 /- 2022204381 2022204439 2022204591	B60B 25 /- 2021203194	C01B 15 /- 2021202826
A01P 13 /- 2022204532	A61M 16 /- 2021221440 2022204370 2022204375 2022204387 2022204436 2022204437	A61L 2 /- 2022204394	A61P 43 /- 2022204450 2022204463	B60B 7 /- 2021203194	C01D 15 /- 2022204494
A23K 10 /- 2022204361	A61M 25 /- 2022204360 2022204383	A61L 2 /- 2022204394	A61P 5 /- 2022204463	B60D 5 /- 2021286380	C02F 1 /- 2021202826
A23L 2 /- 2022204424	A61M 39 /- 2022204330 2022204333	A61L 27 /- 2022204333 2022204354 2022204471	A61Q 19 /- 2022204467	B60K 1 /- 2021286306	C04B 7 /- 2022204367
A45F 3 /- 2021290379	A61M 39 /- 2022204330 2022204333	A61M 16 /- 2021221440 2022204370 2022204375 2022204387 2022204436 2022204437	A61Q 5 /- 2021290234	B60K 17 /- 2021286312	C07D 277 /- 2022204390
A45F 5 /- 2021290379	A61M 5 /- 2022204330 2022204394	A61M 16 /- 2021221440 2022204370 2022204375 2022204387 2022204436 2022204437	A61Q 19 /- 2022204467	B60K 23 /- 2021286312	C07D 413 /- 2022204591
A47B 21 /- 2021290307	A61M 5 /- 2022204330 2022204394	A61M 16 /- 2021221440 2022204370 2022204375 2022204387 2022204436 2022204437	A61Q 5 /- 2021290234	B60L 1 /- 2022204327	C07D 417 /- 2022204390
A47C 27 /- 2021290418	A61M 25 /- 2022204360 2022204383	A61M 16 /- 2021221440 2022204370 2022204375 2022204387 2022204436 2022204437	A62B 7 /- 2021221440	B60L 15 /- 2022204327	C07D 471 /- 2022204591
A47G 19 /- 2022200019	A61M 33 /- 2022204326 2022204380	A61M 25 /- 2022204360 2022204383	A62B 9 /- 2022204436	B60L 50 /- 2021286306	C07D 473 /- 2022204427
A47J 31 /- 2021290390	A61K 35 /- 2022204369	A61M 39 /- 2022204330 2022204333	A63F 13 /- 2022203442 2022204474	B60L 53 /- 2021286306	C07D 487 /- 2022204399 2022204438 2022204591
A47J 47 /- 2022200019	A61K 36 /- 2022204361	A61M 5 /- 2022204330 2022204394	A63F 9 /- 2022203442	B60L 58 /- 2022204327	C07D 498 /- 2022204591
A47L 11 /- 2022204401	A61K 38 /- 2022203786 2022204034 2022204384 2022204385 2022204403 2022204411 2022204447 2022204470 2022204477	A61M 5 /- 2022204330 2022204394	B01D 25 /- 2022204461	B60S 1 /- 2021290332 2021290333	C07D 513 /- 2022204591
A61B 17 /- 2022204384 2022204385 2022204403 2022204411 2022204447 2022204470 2022204477	A61K 39 /- 2022204340 2022204350 2022204350	A61N 1 /- 2021290199 2022204462	B01D 35 /- 2021290390	B61D 17 /- 2021286380	C07K 14 /- 2022203786 2022204034 2022204350 2022204354 2022204368
		A61N 7 /- 2022204098	B01D 46 /- 2021200711	B62D 11 /- 2021290286	
		A61P 1 /- 2022204361	B01D 53 /- 2022204356	B62D 9 /- 2021290370	

Applications Open to Public Inspection - IPC Index cont'd

2022204423	E02F 3 /- 2022204364	F21V 3 /- 2021200711	G06F 3 /- 2022204343 2022204382 2022204421 2022204465 2022204474 2022204485	G10L 21 /- 2022204397	H04N 19 /- 2022204353
C07K 16 /- 2022204340 2022204500	E02F 9 /- 2022204332 2022204364 2022204400	F25D 23 /- 2022204319		G10L 25 /- 2022204397	H04N 7 /- 2022204466
C07K 19 /- 2022204463	E04B 1 /- 2021290206	G01B 11 /- 2021273563	G06F 9 /- 2022204388	G16B 25 /- 2020471210	H04W 4 /- 2022204422 2022204446
C07K 7 /- 2022204354	E04C 5 /- 2022204488	G01B 7 /- 2022204474	G06K 9 /- 2021203742 2021203818 2021203821 2021203870 2022204452	G16H 20 /- 2022204481	H04W 72 /- 2022204338 2022204379 2022204484
C09K 8 /- 2022204154	E04G 11 /- 2021286454 2022204488	G01C 21 /- 2022204327		H01H 13 /- 2021269304	H04W 76 /- 2022204446
C11B 1 /- 2022204359 2022204460	E04G 15 /- 2021286454	G01D 3 /- 2022204474	G06N 20 /- 2022204452	H01H 3 /- 2021269304	H04W 88 /- 2022204338
C12N 15 /- 2022204359 2022204368 2022204391 2022204430 2022204460 2022204463	E04G 21 /- 2021286454	G01K 11 /- 2021273562	G06N 3 /- 2021203544 2021203869	H01L 31 /- 2022204453	No IPC Mark
C12N 5 /- 2021212125 2022204362 2022204430 2022204463	E04H 1 /- 2022204488	G01L 1 /- 2021273562	G06Q 10 /- 2020294330 2022204332 2022204382	H01M 10 /- 2021218167 2021254598	
C12N 9 /- 2022204430	E06B 9 /- 2021206799	G01L 11 /- 2021273562	G06Q 20 /- 2022204195 2022204472	H01M 50 /- 2021218167 2021254598	
C12P 33 /- 2022204430	E21C 25 /- 2022204498	G01M 13 /- 2021273563	G06Q 30 /- 2020294330 2022204363 2022204480	H01M 8 /- 2021254598	
C12Q 1 /- 2020294309 2022204260 2022204365	E21C 27 /- 2022204498	G01N 1 /- 2022204412	G06Q 50 /- 2022204332 2022204382	H02J 7 /- 2021218167 2022204327	
C25B 1 /- 2022204494	E21C 35 /- 2022204498	G01N 11 /- 2022204406	G06T 5 /- 2022204421	H03K 17 /- 2021269304	
C25B 9 /- 2021254598	F03D 13 /- 2021273593 2021290355	G01N 30 /- 2022204177	G06T 7 /- 2021203867 2022204351	H03M 11 /- 2021269304	
D06F 23 /- 2021290376 2021290395	F03D 17 /- 2021290355	G01N 33 /- 2021212125 2022203786 2022204177	G06T 9 /- 2022204353	H03M 7 /- 2022204497	
D06F 33 /- 2022204449	F03D 3 /- 2021290355	G01S 15 /- 2022204376	G06T 17 /- 2022203442	H04B 10 /- 2022204490	
D06F 37 /- 2021290376 2021290395 2021290396	F03D 7 /- 2021290355	G01S 19 /- 2021290423	G07F 17 /- 2022203442	H04B 7 /- 2022204501	
D06F 39 /- 2022204449	F16D 1 /- 2021286413	G01S 7 /- 2022204376	G07F 7 /- 2022204195	H04L 1 /- 2022204501	
E02D 27 /- 2021273593 2021286454	F16D 11 /- 2021290376 2021290395	G02B 6 /- 2021273562	G08B 13 /- 2022204466	H04L 12 /- 2021286376 2021290259	
E02D 5 /- 2021273593 2021290401	F16H 48 /- 2021286312	G05B 19 /- 2021290259	G08B 21 /- 2021282544	H04L 5 /- 2022204379 2022204501	
	F16L 59 /- 2022204319	G05D 1 /- 2022204327 2022204398	G08B 25 /- 2021282544 2022204364	H04L 51 /- 2021376723 2022204363	
	F21V 17 /- 2021200711	G06F 11 /- 2021204522	G09B 19 /- 2022204343	H04L 65 /- 2022204388	
	F21V 29 /- 2021200711	G06F 12 /- 2022204382	G09G 5 /- 2022204421		
		G06F 16 /- 2022204388			

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

- (71) Adaptix Ltd
(11) AU-A-2020421011
(21) 2020421011 (22) 10.12.2020
(54) Apparatus and method of producing a tomogram
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G06T 11/00 (2006.01)
(87) WO2021/140309
(31) 2000238.2 (32) 08.01.20 (33) GB
(43) 15.07.2021
(72) TRAVISH, Gil; WELLS, Steve; MITCHELL, Ian; HOLDEN, Martin
(74) MEYER WEST IP
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- (71) AdvanSix Resins & Chemicals LLC
(11) AU-A-2020401103
(21) 2020401103 (22) 08.12.2020
(54) Process for the synthesis of N-substituted lactams and amides
(51) Int. Cl.
C07D 201/02 (2006.01)
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(87) WO2021/119004
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(43) 17.06.2021
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(74) Davies Collison Cave Pty Ltd
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- (71) AgeneBio, Inc.
(11) AU-A-2020405233
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(54) Benzodiazepine derivatives, compositions, and methods for treating cognitive impairment
(51) Int. Cl.
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A61K 31/5517 (2006.01)
A61P 25/16 (2006.01)
A61P 25/18 (2006.01)
A61P 25/28 (2006.01)
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(87) WO2021/127543
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(11) AU-A-2020416607
(21) 2020416607 (22) 22.12.2020
(54) Fungicides to prevent and control fungal pathogens
(51) Int. Cl.
A01N 47/46 (2006.01)
A01P 3/00 (2006.01)
A61K 31/26 (2006.01)
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(72) DUBEY, Olga; DUBEY, Sylvain; GINDRO, Katia; SCHNEE, Sylvain
(74) Golja Haines & Friend
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- (71) Airbus Defence and Space SAS
(11) AU-A-2020406492
(21) 2020406492 (22) 08.12.2020
(54) Device for orienting a load in two orthogonal axes of rotation
(51) Int. Cl.
B64G 1/22 (2006.01)
B64G 1/66 (2006.01)
B64G 4/00 (2006.01)
H01Q 1/12 (2006.01)
H01Q 1/28 (2006.01)
H01Q 3/04 (2006.01)
H01Q 3/06 (2006.01)
H01Q 3/08 (2006.01)
H01Q 15/14 (2006.01)
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(72) BLAIS, Thierry; GOSSANT, Alain; PIREZ, Victor
(74) Griffith Hack
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- (71) Alcon Inc.
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(54) Ophthalmic surgical systems with graphical user interfaces based upon setup conditions
(51) Int. Cl.
A61F 9/007 (2006.01)
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(43) 19.08.2021
(72) CARBONE, Kyle; COSTANTINO, Cory; MADDEN, Sean Christopher; VERMA, Prateet
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Alifax S.R.L.
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(21) 2020414506 (22) 22.12.2020
(54) Perfected method for the analysis of a liquid with suspended bodies
(51) Int. Cl.
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(54) Process and apparatus for removing impurities from solid biomass feeds
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C10L 5/44 (2006.01)
C10B 53/02 (2006.01)
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(31) 62/953,752 (32) 26.12.19 (33) US
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(72) COIL, Gregory; SORENSEN JR., Charles M.; MCDONALD, William; IG-OE, William; WU, Zhihua; MCINTIRE, Robert; STRIZIVER, Steven
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F16L 59/02 (2006.01)
H01M 10/613 (2014.01)
H01M 10/6555 (2014.01)
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B60P 3/06 (2006.01)
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G06K 7/10 (2006.01)
G07G 1/00 (2006.01)
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A62C 3/04 (2006.01)
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B60K 15/03 (2006.01)
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B23K 20/12 (2006.01)
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B23K 20/12 (2006.01)
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B64C 1/06 (2006.01)
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E21B 47/125 (2012.01)
E21B 17/02 (2006.01)
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C22C 38/02 (2006.01)
B21B 1/22 (2006.01)
B21C 37/02 (2006.01)
B32B 15/01 (2006.01)
B32B 15/18 (2006.01)
C22C 38/04 (2006.01)
C22C 38/06 (2006.01)
C22C 38/12 (2006.01)
C22C 38/14 (2006.01)
C22C 38/42 (2006.01)
C22C 38/44 (2006.01)
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C09D 133/06 (2006.01)
C08G 83/00 (2006.01)
C09D 201/00 (2006.01)
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C09D 167/00 (2006.01)
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G01N 35/10 (2006.01)
B01L 3/00 (2006.01)
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C09D 7/65 (2018.01)
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A47K 3/022 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd
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(54) System and method for delivery of gas to a tissue
(51) Int. Cl.
A61K 8/40 (2006.01)
A61K 33/00 (2006.01)
A61M 16/10 (2006.01)
A61M 16/12 (2006.01)
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A61K 33/00 (2006.01)
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A01N 1/02 (2006.01)
C12Q 1/24 (2006.01)
G01N 1/28 (2006.01)
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(54) Enhanced oculomotor testing device and method using an add-on structure for a mobile device
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H04N 9/47 (2006.01)
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A62B 7/14 (2006.01)
A61M 16/00 (2006.01)
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A61K 35/74 (2015.01)
A61P 1/00 (2006.01)
C12N 1/20 (2006.01)
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C12N 1/16 (2006.01)
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C02F 1/72 (2006.01)
C02F 11/08 (2006.01)
C10L 9/08 (2006.01)
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C12N 15/77 (2006.01)
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C10L 1/196 (2006.01)
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B01J 20/22 (2006.01)
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A61M 1/00 (2006.01)
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A61K 39/395 (2006.01)
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A61P 35/00 (2006.01)
C07K 5/062 (2006.01)
C07K 16/28 (2006.01)
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C12N 7/00 (2006.01)
C12N 15/86 (2006.01)
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A61P 35/00 (2006.01)
C12N 15/09 (2006.01)
C12N 15/85 (2006.01)
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A61M 5/315 (2006.01)
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G01M 13/02 (2019.01)
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F26B 11/04 (2006.01)
A23B 7/02 (2006.01)
A23B 7/028 (2006.01)
A23L 3/40 (2006.01)
A23L 3/54 (2006.01)
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G02C 1/02 (2006.01)
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G02C 7/10 (2006.01)
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(54) Ophthalmic device having adjustable filtering properties
(51) Int. Cl.
G02C 7/10 (2006.01)
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A47K 10/16 (2006.01)
B31F 1/07 (2006.01)
D21F 11/00 (2006.01)
D21G 1/00 (2006.01)
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B01D 15/22 (2006.01)
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C07D 417/14 (2006.01)
A61K 31/427 (2006.01)
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A61B 5/00 (2006.01)
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G01N 1/02 (2006.01)
A61B 5/08 (2006.01)
A61B 5/145 (2006.01)
A61B 5/1495 (2006.01)
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A61K 47/68 (2017.01)
A61P 31/20 (2006.01)
C07K 16/28 (2006.01)
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(51) Int. Cl.
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C07K 16/28 (2006.01)
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C07D 498/04 (2006.01)
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A61B 5/00 (2006.01)
A61B 10/00 (2006.01)
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A61B 5/08 (2006.01)
A61B 5/145 (2006.01)
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C07D 413/12 (2006.01)
A61K 31/5355 (2006.01)
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(51) Int. Cl.
A23C 1/00 (2006.01)
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A23C 9/00 (2006.01)
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A23C 9/142 (2006.01)
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A61K 35/741 (2015.01)
A61K 35/744 (2015.01)
C12N 1/20 (2006.01)
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G05G 1/10 (2006.01)
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G16H 20/40 (2018.01)
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H02M 7/5387 (2007.01)
G01R 27/26 (2006.01)
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A61K 9/00 (2006.01)
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C08B 37/00 (2006.01)
A61L 27/52 (2006.01)
C08B 37/08 (2006.01)
C08J 3/075 (2006.01)
C08L 5/08 (2006.01)
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A61H 3/04 (2006.01)
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A61K 38/19 (2006.01)
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C07K 16/28 (2006.01)
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(11) AU-A-2020415511
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A61P 25/24 (2006.01)
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C07C 211/35 (2006.01)
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C07D 207/00 (2006.01)
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C12N 9/12 (2006.01)
C12N 15/52 (2006.01)
C12N 15/67 (2006.01)
C12N 15/70 (2006.01)
C12P 13/24 (2006.01)
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- (51) Int. Cl.
A01M 23/14 (2006.01)
A01M 19/00 (2006.01)
A01M 23/00 (2006.01)
A01M 23/24 (2006.01)
A01M 23/36 (2006.01)
A01M 23/38 (2006.01)
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(74) AJ PARK
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A01M 23/14 (2006.01)
A01M 19/00 (2006.01)
A01M 23/00 (2006.01)
A01M 23/24 (2006.01)
A01M 23/36 (2006.01)
A01M 23/38 (2006.01)
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E21B 47/12 (2012.01)
E21B 47/00 (2012.01)
G01V 11/00 (2006.01)
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C12Q 1/6883 (2018.01)
C12Q 1/689 (2018.01)
G16H 20/10 (2018.01)
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(54) HMO production
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C07K 14/24 (2006.01)
C12P 19/04 (2006.01)
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C12N 15/70 (2006.01)
C07H 3/06 (2006.01)
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C12P 19/04 (2006.01)
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A01G 9/02 (2018.01)
A01G 31/02 (2006.01)
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C08G 59/42 (2006.01)
C08G 59/68 (2006.01)
C08J 5/24 (2006.01)
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C08G 59/24 (2006.01)
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C08L 63/00 (2006.01)
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C07K 5/02 (2006.01)
A61P 25/16 (2006.01)
C07K 7/64 (2006.01)
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G06F 8/72 (2018.01)
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B25C 1/06 (2006.01)
H02K 11/00 (2016.01)
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(54) Horizontally-displaceable foam breast compression paddle
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A61B 6/04 (2006.01)
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H01Q 1/36 (2006.01)
H01Q 1/44 (2006.01)
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G06F 3/0481 (2013.01)
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A61L 29/14 (2006.01)
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H02S 40/30 (2014.01)
H01L 31/042 (2014.01)
H02J 13/00 (2006.01)
H04B 3/48 (2015.01)
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H04M 1/02 (2006.01)
F16C 11/04 (2006.01)
F16C 11/12 (2006.01)
G06F 1/16 (2006.01)
G09F 9/30 (2006.01)
H04M 1/18 (2006.01)
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B26D 1/04 (2006.01)
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G16B 30/10 (2019.01)

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C04B 28/06 (2006.01)
C09D 5/08 (2006.01)
C04B 111/23 (2006.01)
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A61M 37/00 (2006.01)
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A61M 37/00 (2006.01)
A01K 11/00 (2006.01)
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(51) Int. Cl.
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A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07K 14/47 (2006.01)
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C07K 14/47 (2006.01)
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A61F 2/10 (2006.01)
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B33Y 30/00 (2015.01)
B33Y 70/00 (2020.01)
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A61P 31/00 (2006.01)
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C07D 401/12 (2006.01)
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A61P 3/00 (2006.01)
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A61P 15/00 (2006.01)
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H01T 13/32 (2006.01)
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G16H 40/63 (2018.01)
G16H 50/20 (2018.01)
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B26D 1/40 (2006.01)
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B26F 1/20 (2006.01)
B65D 5/20 (2006.01)
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G06K 9/00 (2006.01)
G06F 21/64 (2013.01)
G06Q 20/32 (2012.01)
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B60G 17/017 (2006.01)
B60P 3/41 (2006.01)
B62D 55/065 (2006.01)
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F41A 19/01 (2006.01)
G01P 1/02 (2006.01)
G01P 1/12 (2006.01)
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 glycerol acyltransferase 2 inhibitor, and
 use thereof
(51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/497 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
C07D 401/14 (2006.01)
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 acylglycerol acyltransferase 2 inhibitor
 and use thereof
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C07D 417/14 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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H04L 1/00 (2006.01)
H04L 5/00 (2006.01)
H04L 27/26 (2006.01)
H04W 72/04 (2009.01)
H04W 84/12 (2009.01)
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 ture partitioning information
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H04N 19/70 (2014.01)
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H04N 19/136 (2014.01)
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A47L 9/28 (2006.01)
B25J 11/00 (2006.01)
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 including same
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H01M 10/6551 (2014.01)
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A61N 1/04 (2006.01)
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F03D 1/06 (2006.01)
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 G01S 19/11 (2010.01)
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 H04W 4/029 (2018.01)
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 B33Y 40/00 (2020.01)
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 A61P 31/00 (2006.01)
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 C12N 9/78 (2006.01)
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 C12P 7/40 (2006.01)
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 A61K 9/00 (2006.01)
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 A61K 35/76 (2015.01)
 A61K 38/44 (2006.01)
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 C07K 14/145 (2006.01)
 C07K 14/165 (2006.01)
 C07K 14/705 (2006.01)
 C07K 16/28 (2006.01)
 C12N 1/21 (2006.01)
 C12N 5/10 (2006.01)
 C12N 7/01 (2006.01)
 C12N 15/33 (2006.01)

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C07K 14/435 (2006.01)
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A61P 3/04 (2006.01)
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C07D 491/20 (2006.01)
A61K 31/496 (2006.01)
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A61P 35/00 (2006.01)
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C07D 473/18 (2006.01)
A61K 31/522 (2006.01)
A61P 35/00 (2006.01)
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(54) Spiro compound serving as ERK inhibitor, and application thereof
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C07D 495/04 (2006.01)
A61K 31/4015 (2006.01)
A61K 31/429 (2006.01)
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C07D 513/04 (2006.01)
A61K 31/429 (2006.01)
A61P 35/00 (2006.01)
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A61B 5/11 (2006.01)
A61B 5/383 (2021.01)
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A61B 5/383 (2021.01)
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C07K 14/605 (2006.01)
C12N 15/16 (2006.01)
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F25C 1/10 (2006.01)
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A61J 9/00 (2006.01)
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A23L 33/18 (2016.01)
A61K 38/01 (2006.01)
A61P 37/06 (2006.01)
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A61P 43/00 (2006.01)
C07H 21/02 (2006.01)
C12N 15/10 (2006.01)
C12N 15/11 (2006.01)
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A61K 31/7088 (2006.01)
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 (51) Int. Cl.
A61K 45/00 (2006.01)
A61K 31/343 (2006.01)
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A61K 31/423 (2006.01)
A61P 13/08 (2006.01)
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G09C 1/00 (2006.01)
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(51) Int. Cl.
G09C 1/00 (2006.01)
H04L 9/10 (2006.01)

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G09C 1/00 (2006.01)

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G09C 1/00 (2006.01)

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G09C 1/00 (2006.01)

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G09C 1/00 (2006.01)

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G09C 1/00 (2006.01)
H04L 9/10 (2006.01)

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G09C 1/00 (2006.01)

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F42B 12/40 (2006.01)

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F42B 12/36 (2006.01)
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F04D 17/12 (2006.01)
F04D 25/06 (2006.01)
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 A23C 19/086 (2006.01)
 A23J 3/04 (2006.01)
 A23K 20/24 (2016.01)
 A23K 40/00 (2016.01)
 A23K 40/10 (2016.01)
 A23L 23/10 (2016.01)
 A61K 8/00 (2006.01)
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A61L 26/00 (2006.01)
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A61J 1/03 (2006.01)
B65B 47/04 (2006.01)
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B65D 75/00 (2006.01)
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G05B 13/02 (2006.01)
G05B 23/02 (2006.01)
G06F 7/02 (2006.01)
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B05D 3/02 (2006.01)
B32B 37/00 (2006.01)
C08F 8/34 (2006.01)
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C08K 5/49 (2006.01)
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C08G 65/333 (2006.01)
C08G 75/02 (2016.01)
C08L 63/00 (2006.01)
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A61B 5/113 (2006.01)
A61M 16/00 (2006.01)
G16H 50/20 (2018.01)
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C03B 5/235 (2006.01)
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E05B 47/00 (2006.01)
G06F 1/3234 (2019.01)
G08C 19/00 (2006.01)
H01Q 5/25 (2015.01)
H04B 7/00 (2006.01)
H04W 52/02 (2009.01)
 (87) WO2021/108752
 (31) 62/940,997 (32) 27.11.19 (33) US
 (43) 03.06.2021
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 (11) AU-A-2021226668
 (21) 2021226668 (22) 11.01.2021
 (54) Bidirectional transmission of electrical power along with data over a wired telecommunications network
 (51) Int. Cl.
H04L 12/10 (2006.01)
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 (72) BRENGUIER, Jérôme Jean Sébastien
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- (71) Seagen Inc.
 (11) AU-A-2020397070
 (21) 2020397070 (22) 04.12.2020
 (54) Anti-avb6 antibodies and antibody-drug conjugates
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
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- (71) Seagen Inc.
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 (21) 2020407172 (22) 15.12.2020
 (54) High performance liquid chromatography quantification of excipients
 (51) Int. Cl.
B01D 15/16 (2006.01)
G01N 30/32 (2006.01)
G01N 30/36 (2006.01)
 (87) WO2021/126882
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 (54) Ultra-wideband technologies for seamless access control
 (51) Int. Cl.
E05B 47/00 (2006.01)
G06F 1/3234 (2019.01)
G08C 19/00 (2006.01)
H01Q 5/25 (2015.01)
H04B 7/00 (2006.01)
H04W 52/02 (2009.01)
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 (74) Alder IP Pty Ltd
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- (71) SenseTime International Pte. Ltd.
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 (54) Virus detection
 (51) Int. Cl.
C12Q 1/6844 (2018.01)
 (87) WO2021/148816
 (31) 2001082.3 (32) 25.01.20 (33) GB
 2001234.0 29.01.20 GB
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 (72) LAMBLE, Henry John; LLOYD, David
 (74) Pearce IP Pty Ltd
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 (21) 2021203544 (22) 28.04.2021
 (54) Methods and apparatuses for training neural network, and methods and apparatuses for detecting correlated objects
 (51) Int. Cl.
G06N 3/02 (2006.01)
 (31) 10202013245S (32) 31.12.20 (33) SG
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 (21) 2021203818 (22) 27.04.2021
 (54) Object detection method and apparatus, and electronic device
 (51) Int. Cl.
G06K 9/00 (2006.01)
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 (43) 14.07.2022
 (72) ZHANG, Xuesen; LIU, Chunyu; WANG, Bairun; CHEN, Jinghuan
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 (11) AU-A-2021203821
 (21) 2021203821 (22) 29.04.2021
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- (71) METHODS, DEVICES, APPARATUSES AND STORAGE MEDIA OF DETECTING CORRELATED OBJECTS INVOLVED IN IMAGES
 (51) Int. Cl.
G06K 9/00 (2006.01)
 (31) 10202013267T (32) 31.12.20 (33) SG
 (43) 14.07.2022
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 (11) AU-A-2021203867
 (21) 2021203867 (22) 28.04.2021
 (54) Image identification methods and apparatuses, image generation methods and apparatuses, and neural network training methods and apparatuses
 (51) Int. Cl.
G06T 7/00 (2017.01)
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 (72) TIAN, Maoqing; JIANG, Yimin; YI, Shuai
 (74) Madderns Pty Ltd
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- (71) SenseTime International Pte. Ltd.
 (11) AU-A-2021203869
 (21) 2021203869 (22) 19.05.2021
 (54) Methods, devices, electronic apparatuses and storage media of image processing
 (51) Int. Cl.
G06N 3/02 (2006.01)
 (31) 10202013266S (32) 31.12.20 (33) SG
 (43) 14.07.2022
 (72) WANG, Bairun; ZHANG, Xuesen; LIU, Chunyu; CHEN, Jinghuan; YI, Shuai
 (74) Madderns Pty Ltd
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- (71) SenseTime International Pte. Ltd.
 (11) AU-A-2021203870
 (21) 2021203870 (22) 28.04.2021
 (54) Method and apparatus for detecting associated objects
 (51) Int. Cl.
G06K 9/00 (2006.01)
 (31) 10202013169Q (32) 29.12.20 (33) SG
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 (72) ZHANG, Xuesen; WANG, Bairun; LIU, Chunyu; CHEN, Jinghuan
 (74) Madderns Pty Ltd
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- (71) SenseTime International Pte. Ltd.
 (11) AU-A-2021204522
 (21) 2021204522 (22) 25.06.2021
 (54) Information interaction methods, apparatuses, devices, and systems and storage media
 (51) Int. Cl.
G06F 11/07 (2006.01)
 (31) 10202013256W (32) 31.12.20 (33) SG
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 (72) LIU, Zuxi; LEI, Zhenyu; CUI, Shengping; ZHANG, Shuai
 (74) Madderns Pty Ltd

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C10B 57/06 (2006.01)
C10L 5/34 (2006.01)
C10M 171/00 (2006.01)
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 BEITZ, Toralf; TILLER, Thomas;
 LOPEZ GEJO, Juan; LASKAY, Ünige
(74) Spruson & Ferguson
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- (71)** Siemens Mobility GmbH
(11) AU-A-2020403757
(21) 2020403757 **(22)** 10.12.2020
(54) Transmission device for transmitting
 data
(51) Int. Cl.
H04L 41/14 (2022.01)
(87) WO2021/122298
(31) 10 2019 220 246.2 **(32)** 19.12.19 **(33)** DE
(43) 24.06.2021
(72) FALK, Rainer; OTTO, Christina;
 PATZLAFF, Heiko; WIMMER, Martin
(74) Spruson & Ferguson
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- (71)** Siemens Mobility GmbH
(11) AU-A-2020410114
(21) 2020410114 **(22)** 01.12.2020
(54) Transmission device for transmitting
 data
(51) Int. Cl.
H04L 12/46 (2006.01)
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(72) FALK, Rainer; HINGOS, David; MET-
 EL, Omer; OTTO, Christina; PATZLAFF,
 Heiko; PFLEGER DE AGUIAR,
 Leandro; WIMMER, Martin
(74) Spruson & Ferguson
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(11) AU-A-2021210971
(21) 2021210971 **(22)** 22.01.2021
(54) Antifungal composites and methods
 thereof
(51) Int. Cl.
A01N 59/00 (2006.01)
A61K 6/802 (2020.01)
A61K 6/887 (2020.01)
C01B 21/068 (2006.01)
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(31) 62/965,451 **(32)** 24.01.20 **(33)** US
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(72) BAL, Bhajanjit Singh; MCENTIRE, Bry-
 an J.; BOCK, Ryan M.
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(21) 2020398192 **(22)** 07.12.2020
(54) Peptide docking vehicle for targeted
 nucleic acid delivery
(51) Int. Cl.
A61K 35/17 (2015.01)
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 David M.
(74) Davies Collison Cave Pty Ltd
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- (71)** Smart Medical Systems Ltd.
(11) AU-A-2021241444
(21) 2021241444 **(22)** 19.03.2021
(54) Artificial intelligence detection system
 for mechanically-enhanced topography
(51) Int. Cl.
A61B 6/00 (2006.01)
A61B 1/00 (2006.01)
(87) WO2021/194872
(31) 62/992,955 **(32)** 21.03.20 **(33)** US
(43) 30.09.2021
(72) TERLIUC, Gad
(74) Argon IP Advisory Pty Ltd
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- (71)** SmartSeal AS
(11) AU-A-2020407849
(21) 2020407849 **(22)** 17.12.2020
(54) Sealing unit for a container
(51) Int. Cl.
B67D 1/04 (2006.01)
B67D 1/08 (2006.01)
(87) WO2021/123053
(31) 2024486 **(32)** 17.12.19 **(33)** NL
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(72) GEBBINK, Jeroen Gerrit Anton; KNUT-
 SEN, Rune Kristian; MINAGAWA-WEB-
 STER, John
(74) Spruson & Ferguson
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- (71)** SmileDirectClub LLC; SDC U.S. Smile-
 Pay SPV
(11) AU-A-2020391247
(21) 2020391247 **(22)** 25.11.2020
(54) Systems and methods for constructing
 a three-dimensional model from two-di-
 mensional images
(51) Int. Cl.
G06N 3/08 (2006.01)
(87) WO2021/108807
(31) 16/696,468 **(32)** 26.11.19 **(33)** US
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 topher; WUCHER, Tim
(74) Spruson & Ferguson
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 ew Orthopaedics AG; Smith & Nephew
 Asia Pacific Pte. Limited
(11) AU-A-2021206707
(21) 2021206707 **(22)** 08.01.2021
(54) Methods and arrangements to describe
 deformity of a bone
(51) Int. Cl.
A61B 34/10 (2016.01)
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(87) WO2021/142213
(31) 62/958,833 **(32)** 09.01.20 **(33)** US
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 Johnny; BELL, Paul; JANDA, Haden;
 OLLIVERE, Benjamin
(74) Patent Attorney Services
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- (71)** Smith & Nephew, Inc.; Smith & Nephew
 Orthopaedics AG
(11) AU-A-2021208003
(21) 2021208003 **(22)** 18.01.2021
(54) Articulating shaft of a surgical device
(51) Int. Cl.
A61B 17/34 (2006.01)
A61B 17/00 (2006.01)
A61B 17/29 (2006.01)
A61B 18/14 (2006.01)
(87) WO2021/146677
(31) 62/962,036 **(32)** 16.01.20 **(33)** US
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(72) LYNN, Christopher J.; HAMLIN, Win-
 borne; GOODE, Johnson E.
(74) Patent Attorney Services
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- (71)** Smit Tanning B.V.
(11) AU-A-2020401520
(21) 2020401520 **(22)** 10.12.2020
(54) Zeolite composition suitable for tanning
 leather
(51) Int. Cl.
C14C 3/02 (2006.01)
C01B 39/02 (2006.01)
C14C 3/04 (2006.01)
(87) WO2021/118351
(31) 2024455 **(32)** 13.12.19 **(33)** NL
(43) 17.06.2021
(72) HENDRIKSEN, Wouter Egbert-Jan;
 VON BEHR, Dirick Jobst Alexander;
 WILGENBURG, Pim Jan-Willem
(74) Griffith Hack
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- (71)** SomaLogic Operating Co., Inc.
(11) AU-A-2021205932
(21) 2021205932 **(22)** 08.01.2021
(54) Methods of determining impaired gluc-
 ose tolerance
(51) Int. Cl.
G01N 33/66 (2006.01)
(87) WO2021/142200
(31) 62/959,660 **(32)** 10.01.20 **(33)** US
(43) 15.07.2021
(72) HAGAR, Yolanda
(74) Davies Collison Cave Pty Ltd
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- (71)** Sorrento Therapeutics, Inc.
(11) AU-A-2020396548
(21) 2020396548 **(22)** 04.12.2020
(54) Compositions and methods comprising
 an anti-CD47 antibody in combination
 with a tumor targeting antibody
(51) Int. Cl.
A61K 39/00 (2006.01)
A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
(87) WO2021/113596
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(74) FB Rice Pty Ltd			(31) 115932 (32) 25.11.19 (33) PT	(74) Madderns Pty Ltd		
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			(72) PEREIRA AREDE, João Paulo; FERREIRA PINA, Rui Tiago			
			(74) Golja Haines & Friend			
(71) Sorrento Therapeutics, Inc.			(71) St Andrews Pharmaceutical Technology Limited	(71) Stark Technologies (Pty) Ltd.		
(11) AU-A-2020397052			(11) AU-A-2021242028	(11) AU-A-2020394888		
(21) 2020397052 (22) 04.12.2020			(21) 2021242028 (22) 25.03.2021	(21) 2020394888 (22) 02.12.2020		
(54) Method of treating cancer by administration of an anti-PD-1 or anti-PD-L1 therapeutic agent via a lymphatic delivery device			(54) Apparatus for improved transfection efficiency and/or protein expression and method of use thereof	(54) XRT equipment auditing system and method of using same		
(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.		
A61K 45/06 (2006.01)			A61N 2/00 (2006.01)	B07B 13/11 (2006.01)		
A61K 9/00 (2006.01)			A61N 1/02 (2006.01)	B07B 13/14 (2006.01)		
A61M 37/00 (2006.01)			A61N 1/32 (2006.01)	B07B 13/18 (2006.01)		
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(31) 62/944,185 (32) 05.12.19 (33) US			C12N 15/87 (2006.01)	B07C 5/342 (2006.01)		
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(72) ROSS, Russell Frederick			(31) 2004412.9 (32) 26.03.20 (33) GB	(31) 2019/08042 (32) 04.12.19 (33) ZA		
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			(72) HENRY, William J.; MONTALI, Anna; BOURDON, Jean-Christophe			
			(74) Madderns Pty Ltd			
(71) Soteria Battery Innovation Group Inc.			(71) St Andrews Pharmaceutical Technology Limited	(71) Stimvia s.r.o.		
(11) AU-A-2020391357			(11) AU-A-2021245088	(11) AU-A-2020414305		
(21) 2020391357 (22) 10.11.2020			(21) 2021245088 (22) 25.03.2021	(21) 2020414305 (22) 11.12.2020		
(54) Battery connections and metalized film components in energy storage devices having internal fuses			(54) Apparatus for improved transfection and/or intracellular delivery efficiency of an agent into a eukaryotic cell and/or protein expression and method of use thereof	(54) Neuromodulation apparatus		
(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.		
H01M 4/66 (2006.01)			A61N 2/00 (2006.01)	A61N 1/36 (2006.01)		
H01M 10/058 (2010.01)			A61N 1/02 (2006.01)	(87) WO2021/130033		
H01M 50/536 (2021.01)			A61N 1/32 (2006.01)	(31) 19219244.1 (32) 23.12.19 (33) EP		
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(43) 03.06.2021			(31) 2004411.1 (32) 26.03.20 (33) GB			
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			(74) Madderns Pty Ltd			
(71) Spaceopal GmbH; Deutsches Zentrum für Luft- und Raumfahrt e.V.; DLR Gesellschaft für Raumfahrtanwendungen mbH			(71) St Andrews Pharmaceutical Technology Limited	(71) Stream It, Inc.		
(11) AU-A-2020393953			(11) AU-A-2021264036	(11) AU-A-2020408272		
(21) 2020393953 (22) 16.11.2020			(21) 2021264036 (22) 29.04.2021	(21) 2020408272 (22) 18.12.2020		
(54) Method for providing differential code bias (DCB) correction for a global navigation satellite system (GNSS)			(54) Apparatus, kit and a method for the provision and use of electromagnetic fields with respect to a bioreaction	(54) Systems and methods for implementing selective vision for a camera or optical sensor		
(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.		
G01S 19/07 (2010.01)			G05B 19/418 (2006.01)	G06K 9/00 (2006.01)		
G01S 19/40 (2010.01)			G05B 23/02 (2006.01)	(87) WO2021/127511		
G01S 19/41 (2010.01)			G06T 19/00 (2011.01)	(31) 62/950,701 (32) 19.12.19 (33) US		
(87) WO2021/104909			(87) WO2021/108680	(43) 24.06.2021		
(31) 19211996.4 (32) 28.11.19 (33) EP			(31) 62/939,769 (32) 25.11.19 (33) US	(72) KING, Lance M.		
(43) 03.06.2021			63/016,974 28.04.20 US	(74) FB Rice Pty Ltd		
(72) HAUSCHILD, André; BAUERHIN, Andre; PÄFFGEN, Walter			63/054,600 21.07.20 US			
(74) Spruson & Ferguson			63/069,548 24.08.20 US			
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(71) Spin & Turn - Consultadoria de Software, Lda						
(11) AU-A-2020393167						
(21) 2020393167 (22) 25.11.2020						
(54) Device and method for detecting reactive luminescent nano- or micro-particles						

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- (71) Suntory Holdings Limited
 (11) AU-A-2020412909
 (21) 2020412909 (22) 26.06.2020
 (54) Composition containing cyclic dipeptide, purine nucleoside and/or amino acid, and chicken extract, production method thereof, and use of cyclic dipeptide, purine nucleoside and/or amino acid, and chicken extract
 (51) Int. Cl.
A61P 29/00 (2006.01)
A23L 33/10 (2016.01)
A23L 33/175 (2016.01)
A23L 33/18 (2016.01)
A61K 31/405 (2006.01)
A61K 31/708 (2006.01)
A61K 38/12 (2006.01)
 (87) WO2021/131106
 (31) 10201913617Y (32) 27.12.19 (33) SG
 (43) 01.07.2021
 (72) NAKAO, Yoshihiro; YONG, Shan-May; LIM, Chia-Juan; SHIM, Eric Kian-Shiun
 (74) Davies Collison Cave Pty Ltd
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- (71) Suntory Holdings Limited
 (11) AU-A-2020413403
 (21) 2020413403 (22) 25.12.2020
 (54) High-solubility rebaudioside D complex
 (51) Int. Cl.
A23L 27/00 (2016.01)
 (87) WO2021/132567
 (31) 2019-238753 (32) 27.12.19 (33) JP
 (43) 01.07.2021
 (72) URAI, Soichiro; NAGAO, Koji; YOKOO, Yoshiaki; TAKIYAMA, Hiroshi
 (74) Griffith Hack
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- (71) Suntory Holdings Limited
 (11) AU-A-2020414512
 (21) 2020414512 (22) 26.06.2020
 (54) Food or beverage composition containing peptide and/or salt thereof, production method thereof, use of hydrolyzed collagen type II, composition for inhibiting bone resorption, and use of chicken extract
 (51) Int. Cl.
A61P 19/10 (2006.01)
A23L 2/52 (2006.01)
A23L 33/18 (2016.01)
A61K 38/08 (2019.01)
A61P 29/00 (2006.01)
 (87) WO2021/131105
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 (72) NAKAO, Yoshihiro; YONG, Shan-May; LIM, Chia-Juan; SHIM, Eric Kian-Shiun
 (74) Davies Collison Cave Pty Ltd
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- (71) Sustainable Marine Energy Limited
 (11) AU-A-2020410192
 (21) 2020410192 (22) 18.12.2020
 (54) Improved turret mooring system
 (51) Int. Cl.
B63B 21/50 (2006.01)
 (87) WO2021/123825
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- (31) 1919097.4 (32) 20.12.19 (33) GB
 (43) 24.06.2021
 (72) HAYMAN, Jason; BURDEN, Christopher; CRESSWELL, Nicholas
 (74) Madderns Pty Ltd
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- (71) Suzhou Basecare Medical Device Co., Ltd.
 (11) AU-A-2021359279
 (21) 2021359279 (22) 15.04.2021
 (54) Nucleic acid library construction method and application thereof in analysis of abnormal chromosome structure in preimplantation embryo
 (51) Int. Cl.
C12Q 1/6806 (2018.01)
C12Q 1/6869 (2018.01)
C12Q 1/6883 (2018.01)
C40B 50/06 (2006.01)
 (87) WO2022/077885
 (31) 202011094180.6 (32) 14.10.20 (33) CN
 (43) 21.04.2022
 (72) ZHAO, Dingding; MAO, Yan; KONG, Lingyin; LIANG, Bo
 (74) Halfords IP
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- (71) Sweetwater Energy, Inc.
 (11) AU-A-2020412611
 (21) 2020412611 (22) 21.12.2020
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A61M 60/191 (2021.01)
A61M 60/289 (2021.01)
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A61K 31/575 (2006.01)
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G01B 11/02 (2006.01)
G01C 3/08 (2006.01)
G01S 7/493 (2006.01)
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A61K 31/40 (2006.01)
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A61K 31/4709 (2006.01)
A61P 11/00 (2006.01)
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2019479023	Vector Vitale IP LLC	2020393800	American Sterilizer Company
2019479270	Essity Hygiene and Health Aktiebolag	2020393953	Spaceopal GmbH; Deutsches Zentrum für Luft- und Raumfahrt e.V.; DLR Gesellschaft für Raumfahrtanwendungen mbH
2019479642	Dow Global Technologies LLC	2020394131	Sumitomo Pharma Co., Ltd.
2019479700	Ningbo Helong New Material Co., Ltd.	2020394136	Inpex Corporation; Hirosaki University; Nissan Chemical Corporation
2019479791	Chugai Seiyaku Kabushiki Kaisha	2020394211	Seres Therapeutics, Inc.
2019480355	Dow Global Technologies LLC; Rohm And Haas Company	2020394362	MVA Diagnostics, Inc.
2019480721	Dow Global Technologies LLC; Rohm and Haas Company	2020394427	The Trustees of the University of Pennsylvania
2019481062	Compagnie Generale des Etablissements Michelin	2020394428	Regeneron Pharmaceuticals, Inc.
2020385385	Shinkei Therapeutics, Inc.	2020394447	FitBiomics Inc.
2020385513	Medshine Discovery Inc.	2020394503	BWT Holding GmbH
2020385647	Janssen Pharmaceutica NV	2020394561	Biowair Total Systems, S.L.
2020385895	MixedIn Pty Ltd	2020394593	Ate Holdings Ltd
2020385896	Griffith University	2020394610	ResMed Sensor Technologies Limited
2020386146	Henkel AG & Co. KGaA	2020394767	Medshine Discovery Inc.
2020386799	Henkel AG & Co. KGaA	2020394818	Universität zu Köln
2020386822	LG Electronics Inc.	2020394888	Stark Technologies (Pty) Ltd.
2020387044	Rinnovision Inc.	2020395232	Viola Bio, Inc.
2020387392	Bristol-Myers Squibb Company	2020395315	Directo, M.
2020387712	Johnson & Johnson Consumer Inc.	2020395319	Juno Therapeutics, Inc.
2020387790	Nippon Paper Industries Co., Ltd.	2020395495	AstraZeneca AB
2020388110	Synthes GmbH	2020395955	Galderma Holding SA
2020388114	Janssen Pharmaceutica NV	2020395956	Life Technologies Holdings Pte Ltd
2020388241	Henkel AG & Co. KGaA	2020396113	Ascentawits Pharmaceuticals, Ltd.
2020388410	Yañez Castañeda, P.	2020396219	Debiopharm Research & Manufacturing S.A.
2020389052	Hydroprocess	2020396341	Otsuka Pharmaceutical Co., Ltd.
2020389092	Turun Yliopisto	2020396548	Sorrento Therapeutics, Inc.
2020389928	BYD Company Limited	2020396561	Ashvattha Therapeutics, Inc.
2020390236	InxMed (Nanjing) Co., Ltd.	2020396673	Tovis Co., Ltd.
2020390377	Wuhan LL Science and Technology Development Co., Ltd.	2020396699	CdmoGen Co., Ltd
2020390381	Sumgen MAB (Beijing) Biotech Co., Ltd.; Hangzhou Sumgen Biotech Co., Ltd.	2020396794	Zircon Chambers Pty. Ltd.
2020390430	Griffith University	2020396799	Inventia Life Science Pty Ltd
2020390448	McMaster University; Ottawa Hospital Research Institute	2020396858	Aspen Aerogels Inc.
2020390962	Medshine Discovery Inc.	2020396868	Shape Therapeutics Inc.
2020391116	Alnylam Pharmaceuticals, Inc.	2020396914	Oztent Australia Pty. Limited
2020391231	Myst Therapeutics, LLC	2020396918	Kordtech Pty Ltd
2020391236	Schlage Lock Company LLC	2020396972	Kimberly-Clark Worldwide, Inc.
2020391247	SmileDirectClub LLC; SDC U.S. SmilePay SPV	2020397052	Sorrento Therapeutics, Inc.
2020391357	Soteria Battery Innovation Group Inc.	2020397070	Seagen Inc.
2020391518	Cornell University	2020397189	Vycellix, Inc.
2020391574	Punchbowl Packaging Limited	2020397311	Shanghai Senhui Medicine Co., Ltd.; Shanghai Sheng-di Pharmaceutical Co., Ltd; Jiangsu Hengrui Medicine Co., Ltd.
2020391927	Medos International Sarl	2020397410	SICPA HOLDING SA
2020391989	Ate Holdings Ltd	2020397416	Evotec International GmbH; Sanofi
2020392097	TripActions, Inc.	2020397616	Kraft Foods Schweiz Holding GmbH
2020392155	LG Electronics Inc.	2020397912	Medimmune, LLC
2020392228	Strong Force IoT Portfolio 2016, LLC	2020397979	ZTE Corporation
2020392407	Deputy Ireland Unlimited Company	2020398022	Medshine Discovery Inc.
2020392894	Ate Holdings Ltd	2020398192	Sirnaomics, Inc.
2020392910	Daikin Industries, Ltd.	2020398327	Evotec International GmbH; Sanofi
2020392948	Daikin Industries, Ltd.	2020398335	Turbo Scaffolding Pty Ltd
2020392972	Ethicon, Inc.	2020398338	Locata Corporation Pty Ltd
2020393028	Mincon International Limited	2020398393	Evolve Biologics Inc.
2020393056	Klarna Bank AB	2020398476	Proteina, Co., Ltd.
2020393062	DePuy Synthes Products, Inc.	2020398708	Genevant Sciences GmbH
2020393068	Guardian Europe S.a.r.l.	2020398712	Trustees of Tufts College
2020393167	Spin & Turn - Consultadoria de Software, Lda	2020399072	Nuovo Pignone Tecnologie - S.r.l.
2020393170	Beyond Air, Inc.	2020399790	CCOA Therapeutics (Hangzhou) Co., Ltd.
2020393171	Beyond Air, Inc.	2020399978	Chemische Fabrik Budenheim KG
2020393248	Koninklijke Philips N.V.	2020400040	GroGuru, Inc.
		2020400049	Neodyne Biosciences, Inc.

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

2020400151	Otsuka Pharmaceutical Co., Ltd.	2020407070	Recurium IP Holdings, LLC
2020400770	Evopoint Biosciences Co., Ltd.	2020407100	PRC-DeSoto International, Inc.
2020400781	Nuovo Pignone Technologie - S.r.l.	2020407119	Asklepios Biopharmaceutical, Inc.; The University of North Carolina at Chapel Hill
2020400826	Millar, R.		Seagen Inc.
2020400935	Fronius International GmbH	2020407172	Herantis Pharma Oyj
2020400960	Marathon Equipment Company	2020407264	BioPhero ApS
2020400986	4ize Pty Ltd	2020407273	Samyang Holdings Corporation
2020401103	AdvanSix Resins & Chemicals LLC	2020407348	Medtronic, Inc.
2020401131	Tyme, Inc.	2020407366	Perfusion Tech ApS
2020401182	Halo Science LLC	2020407401	Telefonaktiebolaget LM Ericsson (publ)
2020401206	Intellia Therapeutics, Inc.	2020407461	Recurium IP Holdings, LLC
2020401315	A2 Biotherapeutics, Inc.	2020407514	Medtronic, Inc.
2020401372	ProSomnus Sleep Technologies, Inc.	2020407568	Recurium IP Holdings, LLC
2020401389	CrossnoKaye	2020407572	Recurium IP Holdings, LLC
2020401452	Z Factor Limited	2020407573	Molecular Vista, Inc.
2020401507	Park, J.H.	2020407601	PRC-DeSoto International, Inc.
2020401520	Smit Tanning B.V.	2020407603	Hospira, Inc.
2020401535	Baker Hughes Oilfield Operations LLC	2020407624	Equinor Energy AS
2020401898	Xinjiang Goldwind Science & Technology Co., Ltd.	2020407749	SmartSeal AS
2020401999	CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.	2020407849	Koninklijke Douwe Egberts B.V.
		2020407861	Medtronic, Inc.
2020402108	Repare Therapeutics Inc.	2020407986	GW Research Limited
2020402138	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	2020408010	Instil Bio (UK) Limited
		2020408017	INSERM (Institut National de la Santé et de la Recherche Médicale); Université Paris Cité
2020402231	Sumitomo Pharma Co., Ltd.	2020408198	CBio A/S
2020402369	Samsung Bioepis Co., Ltd.		Kaptalia Monitoring
2020402761	Heliogen Holdings, Inc.	2020408201	Research Institute at Nationwide Children's Hospital
2020402860	Egalon, C.	2020408205	Lesaffre et Compagnie
2020402903	Xinjiang Goldwind Science & Technology Co., Ltd.	2020408225	Gema
2020403115	Procyron, Inc.	2020408256	Enesi Pharma Limited
2020403120	Landis+Gyr Innovations, Inc.	2020408263	Stream It, Inc.
2020403144	Qlaris Bio, Inc.; Mayo Foundation for Medical Education and Research	2020408267	LifeBridge Innovations, PBC
		2020408272	Orion Biosciences, Inc.; Orion Biosciences BV
2020403267	Stryker Corporation	2020408291	Bridgestone Corporation
2020403463	REEtEC AS	2020408339	Manus Bio, Inc.
2020403640	Z Factor Limited	2020408547	Viridos, Inc.
2020403757	Siemens Mobility GmbH	2020408684	Recurium IP Holdings, LLC
2020404448	Cordless Carpet Tools Pty Ltd	2020408687	Nippon Shinyaku Co., Ltd.; National Center of Neurology and Psychiatry
2020404455	"Endurosaf" Joint Stock Company	2020408698	Thales
2020404558	Carl Freudenberg KG	2020408773	Ancestry.com DNA, LLC
2020404765	Wavin B.V.		Medtronic, Inc.
2020404842	ICT Corporation	2020408906	Medtronic, Inc.
2020404882	Becton, Dickinson and Company	2020409017	National Center for Child Health and Development; NH Foods Ltd.
2020404964	Zeno Power Systems, Inc.	2020409122	Universite de Montreal
2020404981	Insurance Services Office, Inc.	2020409123	Herantis Pharma Oyj
2020404984	Chinook Therapeutics, Inc.	2020409247	Koninklijke Douwe Egberts B.V.
2020404991	Howmedica Osteonics Corp.		Debiopharm International S.A.
2020404995	Recurium IP Holdings, LLC	2020409437	Siemens Mobility GmbH
2020404996	Recurium IP Holdings, LLC	2020409569	ZELP Ltd
2020405091	Curasen Therapeutics, Inc.	2020409607	Sustainable Marine Energy Limited
2020405093	W.M. Barr & Company, Inc.	2020409843	Hilti Aktiengesellschaft
2020405107	Aro Biotherapeutics Company	2020410114	Thales
2020405181	Reata Pharmaceuticals, Inc.	2020410163	Fundación para el Fomento de la Investigación Sanitaria y Biomédica de la Comunitat Valenciana
2020405190	WestRock Packaging Systems, LLC	2020410192	Essilor International
2020405203	Editas Medicine, Inc.	2020410228	Anglo American Technical & Sustainability Services Ltd
2020405210	Pendant Biosciences, Inc.	2020410234	Circlia Nordic ApS
2020405229	Watercare Innovations (Pty) Ltd	2020410349	Jiangsu Goldwind Science & Technology Co., Ltd.
2020405233	AgeneBio, Inc.		Neuboron Therapy System Ltd.
2020405238	TearClear Corp.	2020410371	Anellotech, Inc.
2020405305	Ginkgo Bioworks, Inc.	2020410394	Chen, C.H.
2020405427	Lunella Biotech, Inc.	2020410578	Prota Therapeutics Pty Ltd
2020405536	Pfizer Inc.	2020410629	Bertani, R.L.
2020405626	Webster, S.	2020410694	Thales
2020406068	Epigenomics AG	2020410825	Komatsu Forest AB
2020406120	Essilor International	2020410825	Technip N-Power
2020406455	Pfizer Ireland Pharmaceuticals	2020410906	Phoenix Eagle Company Pty Ltd
2020406492	Airbus Defence and Space SAS	2020410909	Vayyar Imaging Ltd.
2020406670	PYC Therapeutics Limited	2020410912	
2020406855	LPW Technology Ltd	2020411001	
2020406864	Burgopak Limited	2020411010	
2020407045	Fairlife, LLC	2020411015	
2020407068	Recurium IP Holdings, LLC	2020411053	
		2020411056	

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

2020411326	Shenzhen Merrytek Technology Co., Ltd	2020414761	Wang, K.; Wang, R.
2020411330	Jinfan Biomedical Technology (Wuhan) Co., Ltd.	2020414777	Microport Navibot (Suzhou) Co., Ltd.
2020411385	Microport Navibot (Suzhou) Co., Ltd.	2020414806	Xinjiang Goldwind Science & Technology Co., Ltd.
2020411454	Sumitomo Pharma Co., Ltd.; NextGeM Inc.	2020414899	Jiangsu Hengrui Medicine Co., Ltd.
2020411478	GPB Scientific, Inc.	2020414996	Eisai R&D Management Co., Ltd.
2020411504	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.	2020415058	Kuraray Noritake Dental Inc.
2020411507	Ohio State Innovation Foundation; Hendrix College	2020415060	Nippon Shinyaku Co., Ltd.
2020411793	Electric Power Development Co., Ltd.	2020415159	LG Chem, Ltd.
2020411858	Toray Industries, Inc.	2020415250	Thales Management & Services Deutschland GmbH
2020411945	The Yokohama Rubber Co., Ltd.	2020415318	Cellectis
2020412168	Huawei Technologies Co., Ltd.	2020415366	Glyciome, LLC
2020412201	Merus N.V.	2020415446	Dana-Farber Cancer Institute, Inc.
2020412203	Globalforce IP Limited; Howard, P.; Betts, R.	2020415455	University of Massachusetts
2020412281	Cardlytics, Inc.	2020415502	Lupin Limited
2020412323	The Queen's University of Belfast	2020415511	Gilgamesh Pharmaceuticals, Inc.; The Trustees of Columbia University in the City of New York
2020412355	Caterpillar Inc.	2020415579	Toppan Inc.
2020412363	BioEye Ltd.	2020415832	Zhejiang Shaoxing Supor Domestic Electrical Appliance Co., Ltd.
2020412366	Centre National de la Recherche Scientifique - CNRS -; Universite Paul Sabatier Toulouse III; INSERM (Institut National de la Santé et de la Recherche Médicale)	2020416052	Labomed Pharmaceutical Company S.A.
2020412498	Vai Photonics Pty Ltd	2020416075	Creo Medical Limited
2020412586	Fairlife, LLC	2020416082	Paul Hartmann AG
2020412593	Merck Sharp & Dohme LLC	2020416220	Renerva, LLC
2020412595	MacroGenics, Inc.	2020416234	Biomica Ltd.
2020412597	The Penn State Research Foundation	2020416607	AgroSustain SA
2020412601	Miraki Innovation Think Tank LLC	2020416619	Secarna Pharmaceuticals GmbH & Co. KG
2020412607	Chen, C.	2020416622	Syntach AG
2020412611	Sweetwater Energy, Inc.	2020416623	Abaxys Therapeutics
2020412623	Figene, LLC	2020416640	BAE Systems plc
2020412660	Neura Robotics GmbH	2020416695	The Regents of The University of Michigan
2020412677	Merck Sharp & Dohme LLC	2020416708	The ESAB Group Inc.
2020412678	Beckman Coulter, Inc.	2020416730	Becton, Dickinson and Company
2020412685	Avery Dennison Retail Information Services LLC	2020416982	BASF Coatings GmbH
2020412765	Oxeia Biopharmaceuticals, Inc.	2020417087	InnoTherapy Inc.
2020412787	L.B. Foster Company	2020417223	Kinnate Biopharma Inc.
2020412805	Ohio State Innovation Foundation; Hendrix College	2020417239	Tornado Spectral Systems Inc.
2020412815	Imertech	2020417254	Tesla, Inc.
2020412878	Worg Pharmaceuticals (Hangzhou) Co., Ltd.	2020417279	Russ, J.
2020412880	UPL Limited	2020417363	Zhejiang Shaoxing Supor Domestic Electrical Appliance Co., Ltd.
2020412909	Suntory Holdings Limited	2020417800	Elixirgen Therapeutics, Inc.
2020412957	Inkjecta Pty Ltd	2020417967	Shell Internationale Research Maatschappij B.V.
2020412962	Globaltech Corporation Pty Ltd	2020418251	Tovis Co., Ltd.
2020413200	Kawasaki Jukogyo Kabushiki Kaisha	2020418324	Tovis Co., Ltd.
2020413218	NanoDX, Inc.	2020418483	Benjamin Moore & Co.
2020413304	Chiome Bioscience Inc.	2020418546	BASF Coatings GmbH
2020413313	Nippon Shinyaku Co., Ltd.	2020418571	Camm, A.
2020413403	Suntory Holdings Limited	2020418594	Ceres Intellectual Property Company Limited
2020413583	LG Chem, Ltd.	2020418818	Boston Scientific Scimed, Inc.; Brussels Medical Device Center
2020413656	Globalforce IP Limited; Howard, P.; Betts, R.	2020419183	Elixirgen Therapeutics, Inc.
2020413749	Kamei, M.	2020419190	Francis Medical, Inc.
2020414011	Tosoh Corporation	2020419312	Bray International, Inc.
2020414026	Kawasaki Railcar Manufacturing Co., Ltd.	2020419611	Ecolean AB
2020414031	National University Corporation Tokai National Higher Education and Research System; Kyowa Kirin Co., Ltd.	2020419742	Edwards Lifesciences Innovation (Israel) Ltd.
2020414184	Interoligo Corporation.	2020420367	LG Electronics Inc.
2020414202	LG Chem, Ltd.	2020421011	Adaptix Ltd
2020414266	Equinor Energy AS	2020421315	JFE Steel Corporation
2020414297	Thales; AirCaptif	2020421626	Boston Scientific Scimed, Inc.
2020414305	Stimvia s.r.o.	2020422039	Honor Device Co., Ltd.
2020414306	Crowd Pharma Losartan GmbH & Co. KG	2020422442	AST & Science, LLC
2020414307	Etablissements Georges Renault	2020422512	Plascere
2020414399	Thales	2020422732	Foshan Shunde Midea Electrical Heating Appliances Manufacturing Co., Ltd.
2020414428	Centre National de la Recherche Scientifique - CNRS -; Universite Paul Sabatier Toulouse III; INSERM (Institut National de la Santé et de la Recherche Médicale)	2020422786	Nippon Telegraph and Telephone Corporation
2020414489	ABL Bio Inc.	2020423098	Hydraze, Inc.
2020414506	Alifax S.R.L.	2020423394	Changzhou Xinhui Netting Co., Ltd.
2020414512	Suntory Holdings Limited	2020423609	Precision Planting LLC
2020414650	Inkjecta Pty Ltd	2020423665	Nippon Telegraph and Telephone Corporation
2020414720	Aardvark Therapeutics Inc.	2020423708	Kamei, M.
2020414737	Lexent Bio, Inc.	2020423805	Nippon Telegraph and Telephone Corporation
		2020423806	Nippon Telegraph and Telephone Corporation

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

2020424313	Nippon Telegraph and Telephone Corporation	2021208521	T.J.Smith and Nephew,Limited
2020424575	Nippon Telegraph and Telephone Corporation	2021208551	Monsanto Technology LLC
2020424576	Nippon Telegraph and Telephone Corporation	2021208664	Saint-Gobain Isover
2020424765	Henan Longcheng Coal High Efficiency Technology Application Co., Ltd.	2021208671	Woolstencroft, D.
2020424925	Sunresin New Materials Co. Ltd.	2021208673	BAE Systems plc
2020424992	Nippon Telegraph and Telephone Corporation	2021208965	BAE Systems plc
2020424993	Nippon Telegraph and Telephone Corporation	2021209083	Monsanto Technology LLC
2020425195	Nippon Telegraph and Telephone Corporation	2021209394	Glycom A/S
2020425196	Nippon Telegraph and Telephone Corporation	2021209395	Glycom A/S
2020425314	Bleakley, J.	2021209412	BAE Systems plc
2020427263	Mitsubishi Electric Corporation	2021209740	Shanghai Biotroy Biotechnique Co., Ltd.
2020427376	Sanovo Technology A/S	2021209841	The Clorox Company
2020428071	Electrolux Appliances Aktiebolag	2021209878	Brain Temp, Inc.; Allison, R.
2020428385	Qompium	2021209915	Virginia Commonwealth University
2020428449	Mitsubishi Electric Corporation	2021210214	Tuttnauer Ltd.
2020429601	Mitsubishi Electric Corporation	2021210607	Glycom A/S
2020430091	Raytheon Company	2021210662	Daikin Industries (Thailand) Ltd.
2020431079	Mitsubishi Electric Corporation	2021210845	Hologic, Inc.
2020432107	Toho Titanium Co.,Ltd.	2021210870	F. Hoffmann-La Roche AG
2020432150	Halliburton Energy Services, Inc.	2021210942	Regeneron Pharmaceuticals, Inc.
2020432152	Halliburton Energy Services, Inc.	2021210971	SINTX Technologies, Inc.
2020432224	EnWave Corporation	2021211186	Cyclacel Limited
2020432255	Halliburton Energy Services, Inc.	2021211904	Glycom A/S
2020437143	AptarGroup, Inc.	2021211931	Sense Biodetection Limited
2020439140	The Yokohama Rubber Co., Ltd.	2021212125	Nantong University
2020441159	Red Surcos Colombia S.A.S.	2021212335	Compagnie Generale des Etablissements Michelin
2020450107	Contemporary Ampere Technology Co., Limited	2021212627	MetricoPharm AG
2020456397	ZTE Corporation	2021212671	Ripple Foods, PBC
2020465162	Saidian, S.	2021213109	Zephyros, Inc.; Pak-Lite, Inc.
2020469798	Beijing Sanyuan Foods Co., Ltd.	2021213290	OxFA GmbH
2020471210	Central South University	2021213293	Casale SA
2021203544	SenseTime International Pte. Ltd.	2021213428	Abiomed Europe GmbH
2021203818	SenseTime International Pte. Ltd.	2021213714	Potion AI, Inc.
2021203821	SenseTime International Pte. Ltd.	2021213914	ECP Entwicklungsgesellschaft mbH
2021203867	SenseTime International Pte. Ltd.	2021213941	Compagnie Generale des Etablissements Michelin
2021203869	SenseTime International Pte. Ltd.	2021214148	Anima Biotech Inc.
2021203870	SenseTime International Pte. Ltd.	2021214651	Hettich-ONI GmbH & Co. KG
2021204522	SenseTime International Pte. Ltd.	2021214729	ECP Entwicklungsgesellschaft mbH
2021205156	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2021216003	The Trustees of Indiana University
2021205312	Mersana Therapeutics, Inc.	2021216252	Bayn Solutions AB
2021205347	Cascade Corporation	2021216372	Boston Scientific Scimed, Inc.
2021205465	Arena Pharmaceuticals, Inc.	2021216647	Topsoe A/S
2021205538	Shanghai Henlius Biotech, Inc.	2021216997	Pindrop Security, Inc.
2021205639	INSERM (Institut National de la Santé et de la Recherche Médicale); Centre National de la Recherche Scientifique - CNRS -; Universite Cote d'Azur	2021217837	Kabushiki Kaisha Toyota Jidoshokki; Osaka University
2021205881	Podlipskiy, V.Y.; Petroteq Energy, Inc.	2021217957	The Trustees of Indiana University
2021205927	Fresenius Medical Care Holdings, Inc.	2021218986	Danmarks Tekniske Universitet; Enduro Genetics ApS
2021205932	SomaLogic Operating Co., Inc.	2021219671	Regeneron Pharmaceuticals, Inc.
2021205981	AskGene Pharma, Inc.	2021219995	International Business Machines Corporation
2021206131	Isotropic Systems Ltd	2021220808	Honor Device Co., Ltd.
2021206168	IGM Biosciences, Inc.	2021221272	Alcon Inc.
2021206199	Heliponix, LLC	2021221374	CJ Cheiljedang Corporation
2021206370	Xebec Adsorption Inc.	2021221962	F. Hoffmann-La Roche AG
2021206493	GRIFF Aviation AS	2021223470	Topsoe A/S
2021206547	argenx BV	2021223568	Boehringer Ingelheim International GmbH
2021206639	Pairwise Plants Services, Inc.	2021225328	LM Wind Power A/S
2021206651	Disarm Therapeutics, Inc.	2021225408	Hexaware Technologies Limited
2021206707	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited	2021226668	Schneider Electric Industries SAS
2021207414	Picodya Technologies Ltd.	2021227090	Chr. Hansen A/S
2021207519	Bendix Commercial Vehicle Systems LLC	2021227888	Otsuka Pharmaceutical Co., Ltd.
2021207672	University of Florida Research Foundation, Incorporated	2021228158	Subsea 7 Norway AS
2021207767	Lumenis Ltd	2021228367	Biomedtech Australia Pty Ltd
2021207851	CytoDyn Inc.	2021228573	Kamio Cosmetics, Inc.
2021207953	Baoshan Iron & Steel Co., Ltd.	2021229023	King Package Co., Ltd.
2021208003	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG	2021231030	Omya International AG
2021208433	Adaptimmune Limited	2021231690	Zebra Technologies Corporation
		2021233015	Illumina, Inc.
		2021236963	Radio Dimensione Suono - Società Per Azioni
		2021237435	Huawei Digital Power Technologies Co., Ltd.
		2021238632	F. Hoffmann-La Roche AG
		2021240805	Clariant International Ltd
		2021241444	Smart Medical Systems Ltd.
		2021242028	St Andrews Pharmaceutical Technology Limited

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

2021243166 Clariant International Ltd
2021245088 St Andrews Pharmaceutical Technology Limited
2021246257 Precision Planting LLC
2021246868 NL Enterprises, LLC
2021257420 NL Enterprises, LLC
2021260022 Aquis Systems AG
2021262851 Biodyne Co., Ltd.
2021264036 St Andrews Pharmaceutical Technology Limited
2021301919 LG Energy Solution, Ltd.
2021319662 Shanghai Zhimeng Biopharma, Inc.
2021359279 Suzhou Basecare Medical Device Co., Ltd.
2021363109 Shandong University
2021369950 Salcit Technologies Private Limited
2021376723 Beijing Bytedance Network Technology Co., Ltd.
2021379629 Rifeng Enterprise (Foshan) Co., Ltd; Rifeng Enterprise Group Co., Ltd; Rifeng Technology Co., Ltd
2021388369 Chengda Pharmaceuticals Co., Ltd.

IPC Index

<u>A01B 15 /-</u>	<u>A01N 33 /-</u>	2020469798 2021227090 2021231030	<u>A41B 15 /-</u>	<u>A47L 9 /-</u>	2021209878 2021221962
2020423609	2021208551		2020418571	2020420367	<u>A61B 6 /-</u>
<u>A01B 79 /-</u>	<u>A01N 37 /-</u>	<u>A23F 5 /-</u>	<u>A41C 3 /-</u>	<u>A61B 1 /-</u>	2020410694 2021210845 2021241444
2020423609	2020441159 2021208551	2020407861 2020409607	2020393248	2020418818 2020419190 2020421626 2021216372 2021241444	<u>A61B 8 /-</u>
<u>A01C 21 /-</u>	<u>A01N 39 /-</u>	<u>A23G 9 /-</u>	<u>A41D 13 /-</u>		2020393248 2020419742
2021209083	2020441159	2021212671	2020418571		
<u>A01C 5 /-</u>	<u>A01N 41 /-</u>	<u>A23J 1 /-</u>	<u>A41D 20 /-</u>	<u>A61B 10 /-</u>	<u>A61B 90 /-</u>
2020423609	2020441159 2021209083	2020427376	2020418571	2020401507 2021221962	2020388110 2020391927 2020392972 2020403267 2020404991 2020418818
<u>A01F 1 /-</u>	<u>A01N 43 /-</u>	<u>A23J 3 /-</u>	<u>A41D 23 /-</u>	<u>A61B 17 /-</u>	
2020423394	2021208551 2021209083	2020402231 2021231030	2020418571	2020388110 2020391927 2020392407 2020393624 2020396799 2020398712 2020400049 2020403267 2020416622 2020417087 2020418818 2020419742 2020421626 2021208003	<u>A61C 7 /-</u>
<u>A01G 31 /-</u>	<u>A01N 47 /-</u>	<u>A23K 20 /-</u>	<u>A41D 27 /-</u>		2020401372
2021206199	2020412880 2020416607	2021231030	<u>A45D 44 /-</u>		
<u>A01G 9 /-</u>	<u>A01N 59 /-</u>	<u>A23K 40 /-</u>	<u>A47C 17 /-</u>		<u>A61F 13 /-</u>
2021206199	2020412880 2021210971	2020395315 2021231030	2020413749		2020400049 2020416082
<u>A01K 11 /-</u>	<u>A01N 63 /-</u>	<u>A23K 50 /-</u>	<u>A47G 27 /-</u>		<u>A61F 17 /-</u>
2020414650	2020407273	2020395315	2020404448		2020418571
<u>A01K 27 /-</u>	<u>A01P 13 /-</u>	<u>A23L 2 /-</u>	<u>A47J 27 /-</u>	<u>A61B 18 /-</u>	<u>A61F 2 /-</u>
2020410163	2020412880	2020414512	2020415832 2020417363	2020416075 2021207767 2021208003	2020396799 2020418818 2020419742
<u>A01K 29 /-</u>	<u>A01P 3 /-</u>	<u>A23L 23 /-</u>	<u>A47J 36 /-</u>	<u>A61B 3 /-</u>	<u>A61F 5 /-</u>
2020410163	2020416607	2021231030	2020417363	2020400986	2020394610 2020418571 2020418818
<u>A01K 5 /-</u>	<u>A23B 7 /-</u>	<u>A23L 27 /-</u>	<u>A47J 37 /-</u>	<u>A61B 34 /-</u>	<u>A61F 9 /-</u>
2020395315	2020413403 2021216252	2020413403 2021216252	2020415832	2020388110 2020391927 2020392407 2020404991 2020411385 2020414777 2020419742 2021206707	2020405238 2020417087 2021221272
<u>A01M 19 /-</u>	<u>A23C 1 /-</u>	<u>A23L 3 /-</u>	<u>A47J 43 /-</u>		<u>A61H 15 /-</u>
2020412203 2020413656	2020407045	2020432224	2020427376		2019475333
<u>A01M 23 /-</u>	<u>A23C 13 /-</u>	<u>A23L 33 /-</u>	<u>A47J 44 /-</u>	<u>A61B 5 /-</u>	<u>A61H 3 /-</u>
2020412203 2020413656	2021227090	2020394211 2020409247 2020412909 2020414512	2020395315	2020393248 2020394610 2020401372 2020404882 2020407366 2020407401 2020407986 2020408205 2020410163 2020411056 2020411504 2020418818 2020428385	2020408263
<u>A01M 27 /-</u>	<u>A23C 15 /-</u>	<u>A23L 5 /-</u>	<u>A47K 10 /-</u>		<u>A61H 33 /-</u>
2020412203 2020413656	2021227090	2020395315	2019479270 2021209841		2020410912
<u>A01M 7 /-</u>	<u>A23C 19 /-</u>	<u>A23N 17 /-</u>	<u>A47K 3 /-</u>		<u>A61H 35 /-</u>
2021246257	2021227090 2021231030	2020395315	2020410912		<u>A61J 1 /-</u>
<u>A01N 1 /-</u>	<u>A23C 3 /-</u>	<u>A23P 10 /-</u>	<u>A47L 13 /-</u>		2020405238
2021262851	2020407045	2021231030	2020404558		
<u>A01N 25 /-</u>	<u>A23C 9 /-</u>				
2020412880 2020441159	2020407045 2020412586				

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

2021207414	2021205465	2020397070		A61M 15 /-	A61P 11 /-
A61J 9 /-	2021206547	2020397189	A61K 8 /-		
	2021206651	2020397416		2021209915	2020394131
2020385895	2021210870	2020398327	2020393170		2020401452
	2021212627	2020399790	2020402231	A61M 16 /-	2020403640
A61K 31 /-	2021214148	2020402231	2021231030		2021214148
	2021227888	2020402369		2020393170	
2019479023	2021238632	2020408198	A61K 9 /-	2020394610	A61P 13 /-
2020385385	2021319662	2020410909		2021228367	
2020385513	A61K 33 /-	2020412323	2020385896		2020394131
2020387392		2020412595	2020390448	A61M 25 /-	2020404984
2020388114	2019479023	2020413304	2020393489		2020411858
2020390236	2020393170	2020414996	2020394428	2020400049	2020412623
2020390962	2020393171	2020415060	2020395495	2020416730	2020413313
2020393489		2020415159	2020397052	2021216372	2020415502
2020394131	A61K 35 /-	2020415318	2020401182	A61M 37 /-	2021214148
2020394767		2021205538	2020402231		
2020395495	2020390448	2021206168	2020402369	2020397052	A61P 15 /-
2020396868	2020394211	2021208433	2020405210	2020408267	2020394131
2020398022	2020394447	2021209740	2020407348	2020412957	2021205156
2020400151	2020398192	2021210942	2020408010	2020414650	
2020400770	2020404995	A61K 45 /-	2020410349		A61P 17 /-
2020401131	2020405203		2020410909	A61M 39 /-	
2020401182	2020408201	2020393489	2020411858		2020395232
2020401452	2020409247	2020397052	2020412366	2020400049	2020405181
2020401999	2020411454	2020404984	2020414899	2020416622	2020405536
2020402108	2020415318	2020411858	2020416052	2020416730	2020411053
2020403144	2020416220	2020413313	2021210942	A61M 5 /-	2020412366
2020403640	2020416234	2020415060	2021212627		2020414306
2020404995	2020419183	A61K 47 /-	2021231030	2020408267	2021206547
2020404996	2021217957		A61L 15 /-	2020417087	2021214148
2020405091	A61K 36 /-	2020385896			A61P 19 /-
2020405181		2020390381	2020412597	A61M 60 /-	
2020405210	2020410909	2020390448	A61L 2 /-		2020394131
2020405233	2020411053	2020394428		2020403115	2020405181
2020405427	A61K 38 /-	2020396219	2021210214	2020416622	2020414512
2020405536		2020396561	A61L 26 /-	2021213428	2020414899
2020406670	2020390448	2020397416		2021214729	2021214148
2020407068	2020394428	2020401131	2020411053	A61N 1 /-	A61P 21 /-
2020407070	2020396699	2020402231	A61L 27 /-		
2020407514	2020397189	2020402369		2020403115	2020394131
2020407572	2020397311	2020406670	2020393062	2020407366	2020406670
2020407573	2020397912	2020407348	2020395955	2020407568	2020408773
2020408010	2020398708	2020408010	2020396799	2020407986	
2020408698	2020405107	2020411858	2020412597	2020408291	A61P 25 /-
2020408773	2020406670	2020412366	2020416220	2020409122	
2020409437	2020407264	2020414899	A61L 29 /-	2020409123	2020391518
2020409843	2020409247	2020414996		2020414305	2020394131
2020411507	2020411053	2021205312	2020407624	2021242028	2020405181
2020411858	2020412593	2021205538	A61L 31 /-	2021245088	2020405233
2020412366	2020412677	2021210942		A61N 2 /-	2020407119
2020412623	2020412765	A61K 48 /-	2020398712		2020407264
2020412805	2020412878		2020407624	2021242028	2020408010
2020412909	2020412909	2020396868	2020417087	2021245088	2020409569
2020413313	2020414512	2020408225	A61L 9 /-	A61N 5 /-	2020415455
2020413583	2021205639	2020408773			2020415511
2020414184	2021206639	2020412623	2020394561	2020410694	2020416623
2020414202	A61K 39 /-	2020414031	A61M 1 /-	A61P 1 /-	2021205156
2020414306		2020414184			2021206651
2020414428	2019479791	2020415318	2020393248	2020390377	2021238632
2020414720	2020385896	2020419183	2020403115	2020394131	2021319662
2020414899	2020390381	A61K 49 /-	2020422512	2020394211	A61P 27 /-
2020414996	2020390430		2021205927	2020401452	
2020415060	2020390448	2020396219	2021208521	2020416234	2020396561
2020415446	2020391231	A61K 6 /-	2021213914	2021214148	2020396699
2020415502	2020394818				2020405181
2020415511	2020395232	2020415058			2020412878
2020416052	2020396341	2021210971			2021319662
2020416607	2020396548				
2020416623					
2021205156					

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

<u>A61P 29 /-</u>	2020407573	<u>A63F 13 /-</u>	<u>B07C 5 /-</u>	<u>B26F 3 /-</u>	<u>B41J 3 /-</u>
2020394131	2020408010				
2020405181	2020408198	2020389928	2020394888	2020389052	2020396799
2020412909	2020408201		2020410394		
2020414428	2020408698	<u>B01D 15 /-</u>		<u>B29C 57 /-</u>	<u>B41M 3 /-</u>
2020414512	2020409437		<u>B08B 3 /-</u>		
2020414899	2020412201	2020398393		2021379629	2020415579
2020414899	2020412595	2020403463	2020405093		
2020415446	2020413304	2020407172		<u>B29C 64 /-</u>	<u>B42D 25 /-</u>
2021210870	2020414184	2020414489	<u>B21B 1 /-</u>		
2021319662	2020414996			2020406855	2020415579
	2020415060	<u>B01D 19 /-</u>	2021207953		
<u>A61P 3 /-</u>	2020415159			<u>B29C 65 /-</u>	<u>B60B 29 /-</u>
	2020415318	2020405626	<u>B21C 37 /-</u>		
2019479023	2020415446			2020404448	2020414307
2020394131	2020419183	<u>B01D 46 /-</u>	2021207953	2020419611	
2020397912	2021205156				<u>B60C 1 /-</u>
2021205156	2021205312	2019479642	<u>B21D 41 /-</u>	<u>B29C 73 /-</u>	2019481062
	2021208433				2020411945
<u>A61P 31 /-</u>	2021209740	<u>B01D 53 /-</u>	2021379629	2020408547	
	2021210870				
2020390236		2019479642	<u>B21D 5 /-</u>	<u>B29L 30 /-</u>	<u>B60C 11 /-</u>
2020390430	<u>A61P 37 /-</u>	2021206370			
2020394818			2021363109	2020408547	2020411945
2020397311	2020390448	<u>B01D 71 /-</u>			
2020397416	2020395232		<u>B22F 12 /-</u>	<u>B30B 9 /-</u>	<u>B60C 9 /-</u>
2020398327	2020405181	2020402231			
2020400770	2020409247		2020406855	2020400960	2021212335
2020408201	2020410909	<u>B01J 13 /-</u>			2021213941
2020409843	2021205156		<u>B22F 3 /-</u>	<u>B31F 1 /-</u>	
2020412595	2021206547	2020402231			<u>B60G 17 /-</u>
2020416607	2021214148		2020432107	2019479270	
2021205156		<u>B01J 20 /-</u>			2020411010
2021210942	<u>A61P 43 /-</u>		<u>B23K 10 /-</u>	<u>B32B 15 /-</u>	
2021219671		2019479642			<u>B60K 15 /-</u>
	2020408773	2020403463	2020416708	2020396858	
<u>A61P 33 /-</u>	2020411454	2020417967		2021207953	2020416640
	2020411858		<u>B23K 20 /-</u>		
2020385896	2020414031	<u>B01J 8 /-</u>		<u>B32B 27 /-</u>	<u>B60P 3 /-</u>
	2020415060		2021208673		
<u>A61P 35 /-</u>	2021214148	2021216647	2021208965	2020396858	2020391989
				2020407603	2020392894
2019479791	<u>A61P 5 /-</u>	<u>B01L 3 /-</u>	<u>B25C 1 /-</u>	2021229023	2020394593
2020385513					2020411010
2020387392	2020394131	2020401507	2020410228	<u>B32B 3 /-</u>	
2020388114	2020415502	2020411478			<u>B61C 15 /-</u>
2020390236		2020412678	<u>B25H 5 /-</u>	2021213109	
2020390381	<u>A61P 7 /-</u>	<u>B02C 19 /-</u>			2020412787
2020390448			2020394593	<u>B32B 37 /-</u>	
2020390962	2020396699	2020410394			<u>B61K 9 /-</u>
2020391231	2020399790		<u>B25J 11 /-</u>	2020407100	
2020394131	2020404984	<u>B02C 2 /-</u>			2020414026
2020394427	2020411454		2020420367	<u>B32B 5 /-</u>	
2020394767	2021205156	2020413200			<u>B61L 1 /-</u>
2020396219			<u>B25J 19 /-</u>	2020386799	2020415250
2020396548	<u>A61P 9 /-</u>	<u>B05B 1 /-</u>		2020396858	
2020397070			2020420367	2021213109	
2020398022	2020393489	2020412787			<u>B61L 27 /-</u>
2020399790	2020394131		<u>B26D 1 /-</u>	<u>B32B 7 /-</u>	
2020401131	2020405181	<u>B05B 7 /-</u>			2020415250
2020401315	2021205156		2020389052	2021213109	
2020401452	2021214148	2020405093	2020396972	2021229023	<u>B61L 5 /-</u>
2020401999		<u>B05D 3 /-</u>			
2020402108	<u>A62B 18 /-</u>		<u>B26D 5 /-</u>	<u>B33Y 30 /-</u>	2020415250
2020402369		2020407100			<u>B62D 1 /-</u>
2020404996	2021228367		2020389052	2020396799	
2020405181		<u>B06B 1 /-</u>		2020406855	2020389928
2020405233	<u>A62B 7 /-</u>		2020389052		
2020405427		2020403267		<u>B33Y 40 /-</u>	<u>B62D 55 /-</u>
2020407068	2021228367		<u>B26D 7 /-</u>		
2020407070		<u>B07B 13 /-</u>		2020406855	2020411010
2020407514	<u>A62C 3 /-</u>		<u>B26F 1 /-</u>		
2020407572		2020394888		<u>B33Y 70 /-</u>	
	2020416640		2020396972		
			2020408256	2020396799	

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

<u>B62D 7 /-</u>	<u>B65B 51 /-</u>	<u>B66C 13 /-</u>	<u>C07C 211 /-</u>	<u>C07D 217 /-</u>	2021206651 2021214148 2021319662
2020396972	2020419611	2020414399	2020415511	2021319662	
<u>B63B 21 /-</u>	<u>B65B 59 /-</u>	<u>B66F 9 /-</u>	<u>C07C 213 /-</u>	<u>C07D 223 /-</u>	<u>C07D 413 /-</u>
2020410192	2020397616	2021205347	2021388369	2020401103	2020387392 2020394131 2020400151 2020401999 2020405536 2020414202 2021206651 2021214148 2021238632
<u>B63B 27 /-</u>	<u>B65B 61 /-</u>	<u>B67B 7 /-</u>	<u>C07C 217 /-</u>	<u>C07D 231 /-</u>	
2020411001 2020414399	2021207414	2020408256	2021388369	2020390377	
<u>B63B 3 /-</u>	<u>B65B 7 /-</u>	<u>B67D 1 /-</u>	<u>C07C 225 /-</u>	<u>C07D 235 /-</u>	
2020425314	2020391574	2020407849	2020415511	2020390377 2020400151	
<u>B63B 32 /-</u>	<u>B65B 9 /-</u>	<u>B67D 3 /-</u>	<u>C07C 29 /-</u>	<u>C07D 239 /-</u>	<u>C07D 417 /-</u>
2020400826	2020397616	2020396972	2021216647	2020403640	2020387392 2020394131 2020400151 2020400770 2020401999 2020414202 2021206651 2021207672 2021214148
<u>B63B 5 /-</u>	<u>B65D 17 /-</u>	<u>C01B 21 /-</u>	<u>C07C 31 /-</u>	<u>C07D 263 /-</u>	
2020425314	2020385895	2021210971	2021216647	2020406455	
<u>B64C 1 /-</u>	<u>B65D 25 /-</u>	<u>C01B 25 /-</u>	<u>C07C 311 /-</u>	<u>C07D 285 /-</u>	
2021209412	2020408256	2020399978	2020415446	2020403144	
<u>B64C 11 /-</u>	<u>B65D 43 /-</u>	<u>C01B 3 /-</u>	<u>C07C 43 /-</u>	<u>C07D 311 /-</u>	<u>C07D 471 /-</u>
2021206493	2020385895	2021213293	2020406455	2020403144	2020394131 2020400151 2020409843 2021206651 2021207672 2021319662
<u>B64C 27 /-</u>	<u>B65D 47 /-</u>	<u>C01B 39 /-</u>	<u>C07C 51 /-</u>	<u>C07D 317 /-</u>	
2020417279 2021206493	2020385895 2020387712	2020401520	2021213290	2020406455	
<u>B64C 39 /-</u>	<u>B65D 5 /-</u>	<u>C02F 1 /-</u>	<u>C07C 53 /-</u>	<u>C07D 401 /-</u>	<u>C07D 473 /-</u>
2020417279 2020439140 2021206493 2021209412	2020387790 2020396972 2020406864	2020394503 2020410578 2021260022	2021213290	2020387392 2020390236 2020394131 2020400151 2020401452 2020401999 2020413583 2020417223 2021206651 2021207672 2021214148 2021319662	2020390962 2021211186
<u>B64D 37 /-</u>	<u>B65D 51 /-</u>	<u>C02F 103 /-</u>	<u>C07C 67 /-</u>		<u>C07D 487 /-</u>
2020416640	2020385895	2021260022	2021213290		2020387392 2020390377 2020394131 2020405233 2020405427 2020414899 2021214148
<u>B64D 9 /-</u>	<u>B65D 71 /-</u>	<u>C02F 11 /-</u>	<u>C07D 201 /-</u>		
2020439140	2020405190	2020410578	2020401103		
<u>B64G 1 /-</u>	<u>B65D 75 /-</u>	<u>C03B 3 /-</u>	<u>C07D 207 /-</u>	<u>C07D 403 /-</u>	<u>C07D 491 /-</u>
2020404455 2020406492	2019478742 2021207414	2021208664	2020401103 2020401452 2020415511	2020400151 2020417223 2021214148	2020385513 2020387392 2020409843 2021205156 2021206651
<u>B64G 4 /-</u>	<u>B65D 81 /-</u>	<u>C03B 5 /-</u>	<u>C07D 209 /-</u>	<u>C07D 405 /-</u>	
2020406492	2019478742 2020385895 2020408256 2020439140	2021208664	2020390377 2020400151 2021214148	2020390236 2020400151 2020401999 2020405536 2021206651 2021214148	
<u>B65B 11 /-</u>	<u>B65D 85 /-</u>	<u>C03C 1 /-</u>	<u>C07D 211 /-</u>		<u>C07D 493 /-</u>
2020397616	2020393068	2021208664	2020390377 2020400151 2021214148		2020406455
<u>B65B 41 /-</u>	<u>B65D 85 /-</u>	<u>C03C 17 /-</u>	<u>C07D 215 /-</u>		
2020397616	2021207414	2020393068	2020394131 2020401452		<u>C07D 495 /-</u>
<u>B65B 47 /-</u>	<u>B65G 57 /-</u>	<u>C04B 111 /-</u>	<u>C07D 215 /-</u>	<u>C07D 407 /-</u>	<u>C07D 498 /-</u>
2021207414	2020391574	2020412815	2020411507 2020412805	2020387392	2020394767
	<u>B65H 35 /-</u>	<u>C04B 28 /-</u>		<u>C07D 409 /-</u>	2021210870 2021214148
	2020396972	2020412815		2020400151 2020401999	

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

<u>C07D 513 /-</u>	<u>C07K 16 /-</u>	2020386799 2020407603	<u>C08L 75 /-</u>	2020421315	2020413304 2020414031 2020414184 2020414996 2020415455 2020416619 2020417800 2020419183 2021206639 2021209395 2021209740 2021211904 2021218986 2021221374 2021242028 2021245088	
2020398022	2019479791 2020390381 2020390430 2020390448 2020394427 2020394818 2020395319 2020396341 2020396548 2020397070 2020397189 2020397416 2020398327 2020398708 2020399790 2020402369 2020412201 2020413304 2020414489 2020414996 2020415159 2021205312 2021205981 2021206547 2021207851 2021208433 2021209740 2021210942 2021219671	<u>C08G 65 /-</u>	2020407603 2020412597	<u>C10G 1 /-</u>		
<u>C07D 515 /-</u>		2019480721 2020401131 2020407603	<u>C08L 9 /-</u>	2020410578		
2020388114			2020411945	<u>C10L 1 /-</u>		
<u>C07D 519 /-</u>		<u>C08G 75 /-</u>	<u>C08L 97 /-</u>	2020397410 2021240805 2021243166		
2020390962		2020407100 2020407603	2020412611	<u>C10L 10 /-</u>		
<u>C07F 9 /-</u>		<u>C08G 83 /-</u>	<u>C09C 1 /-</u>	2021240805 2021243166		
2020414428		2020416982	2020399978 2021231030	<u>C10L 5 /-</u>	<u>C12N 5 /-</u>	
<u>C07G 1 /-</u>		<u>C08H 7 /-</u>	<u>C09D 133 /-</u>	2020397410 2020410825	2020390448 2020391231 2020396341 2020401315 2020405203 2020408017 2020408201 2020411330 2020411454 2020414011 2020415318 2020416220 2021212125 2021223568	
2020412611		2020412611	2019480721 2020416982	<u>C10L 9 /-</u>		
<u>C07H 1 /-</u>		<u>C08J 3 /-</u>	<u>C09D 167 /-</u>	2020410578		
2020391116		2020395955 2020411945	2020418546	<u>C10M 171 /-</u>		
<u>C07H 19 /-</u>		<u>C08J 5 /-</u>	<u>C09D 17 /-</u>	2020397410		
2020391116		2020386146	2020418483	<u>C11D 17 /-</u>		
<u>C07H 21 /-</u>		<u>C08K 3 /-</u>	<u>C09D 183 /-</u>	2020405093		
2020408687 2020414031		2020411945 2021231030	2020407624	<u>C11D 7 /-</u>		
<u>C07H 3 /-</u>	<u>C07K 19 /-</u>	<u>C08K 5 /-</u>	<u>C09D 201 /-</u>	2020405093	<u>C12N 7 /-</u>	
2021209395 2021211904	2019479791 2020390448 2020399790 2020408198	2020407100 2020411945	2020416982	<u>C12M 1 /-</u>	2020390448 2020417800 2021217957	
<u>C07J 63 /-</u>		<u>C08K 7 /-</u>	<u>C09D 5 /-</u>	2021242028 2021245088 2021264036	<u>C12N 9 /-</u>	
2020405181	<u>C07K 5 /-</u>	2020388241	2020399978 2020412815	<u>C12N 1 /-</u>	2020402138 2020405305 2020408684 2020411053 2020412607 2021206639 2021218986 2021227090	
<u>C07K 1 /-</u>	2020409569 2020414996	<u>C08L 23 /-</u>	<u>C09D 7 /-</u>			
2020414489		2019479700 2019481062	2020418483	<u>C12N 15 /-</u>	2020405305 2021221374	
<u>C07K 14 /-</u>	<u>C07K 7 /-</u>	<u>C08L 31 /-</u>	<u>C09J 181 /-</u>	2020390448 2020394447 2020396341 2020407273 2020408687 2020416234	<u>C12P 19 /-</u>	
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		2019479642	<u>C09J 7 /-</u>	2019479791 2020390381 2020390448 2020391116 2020394427 2020396341 2020396868 2020401206 2020405305 2020407119 2020407273 2020408225 2020408339 2020408687 2020408773 2020411330 2020412593 2020412607 2020412677	<u>C12P 19 /-</u>	2020412607 2021209394 2021209395 2021210607 2021211904
	<u>C08B 37 /-</u>	<u>C08L 5 /-</u>	2021229023		<u>C12P 21 /-</u>	
	2020395955	2020395955	<u>C09K 3 /-</u>		2021218986	
	<u>C08F 220 /-</u>	<u>C08L 63 /-</u>	2020407100		<u>C12P 5 /-</u>	
	2019480355 2019480721	2020386799 2020407603	<u>C09K 8 /-</u>		2020408684	
	<u>C08F 226 /-</u>	<u>C08L 67 /-</u>	2020394136 2021205881			
	2019480355	2020412597	<u>C10B 45 /-</u>			
	<u>C08F 265 /-</u>	<u>C08L 7 /-</u>	2020397410			
	2019480355	2020411945	<u>C10B 53 /-</u>			
	<u>C08F 8 /-</u>	<u>C08L 71 /-</u>	2020410825			
	2020407100	2020407603	<u>C10B 57 /-</u>			
	<u>C08G 59 /-</u>		2020397410			
	2020386146					

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

<u>C12P 7/-</u>	<u>C25C 1/-</u>	<u>E04B 2/-</u>	<u>E21B 47/-</u>	<u>F16B 37/-</u>	<u>F16L 59/-</u>
2020402138	2020388410	2020465162	2020401535	2021208671	2020396858
2020407273			2020412962		2020411015
2020412611	<u>C25C 5/-</u>	<u>E04B 9/-</u>	2020432152	<u>F16B 5/-</u>	
2021218986	2020388410	2020465162	<u>E21F 16/-</u>	2021208671	<u>F23D 14/-</u>
<u>C12Q 1/-</u>	<u>C25C 7/-</u>	<u>E04F 15/-</u>	2020405626	<u>F16B 7/-</u>	2021217837
2020406068	2020388410	2021213109	<u>E21F 7/-</u>	2020398335	<u>F23Q 3/-</u>
2020407119				2021208671	2021217837
2020412607	<u>C25D 17/-</u>	<u>E04G 7/-</u>	2020405626	<u>F16C 11/-</u>	<u>F24F 11/-</u>
2020412678	2020388410	2020398335	<u>F01D 11/-</u>	2020412168	2020392910
2020414011					2020392948
2020414737	<u>C40B 50/-</u>	<u>E04H 1/-</u>	2020400781	<u>F16C 17/-</u>	2021210662
2020415366	2021359279	2020423708	<u>F01D 25/-</u>	2020413200	<u>F24F 13/-</u>
2021211931	<u>D04B 1/-</u>	<u>E04H 15/-</u>	2020400781	<u>F16C 33/-</u>	2020394561
2021217957	2020404842	2020396914	<u>F01N 5/-</u>	2020413200	<u>F24F 3/-</u>
2021262851					
2021359279	<u>D04B 21/-</u>	<u>E05B 47/-</u>	2020418594	<u>F16C 41/-</u>	2020394561
<u>C14C 3/-</u>	2020423394	2020391236	<u>F02C 6/-</u>	2020413200	<u>F25B 40/-</u>
2020401520	<u>D04H 1/-</u>	<u>E05D 11/-</u>	2021213293	<u>F16D 65/-</u>	2020401389
<u>C22B 1/-</u>	2021213109	2021214651	<u>F03D 1/-</u>	2021207519	<u>F25B 47/-</u>
2020410394	<u>D06F 37/-</u>	<u>E05D 3/-</u>	2021225328	<u>F16F 15/-</u>	2020401389
<u>C22B 11/-</u>	2020428071	2021214651	<u>F03D 17/-</u>	2020429601	<u>F25C 1/-</u>
2020405229	<u>D21F 11/-</u>	<u>E21B 10/-</u>	2019478946	<u>F16J 15/-</u>	2020412601
<u>C22B 23/-</u>	2019479270	2020393028	<u>F03D 7/-</u>	2020400781	<u>F25D 21/-</u>
2019475632	<u>D21G 1/-</u>	<u>E21B 17/-</u>	2019478946	2020419312	2020431079
2020424925	2019479270	2020393028	<u>F03D 80/-</u>	<u>F16K 1/-</u>	<u>F25D 23/-</u>
<u>C22B 26/-</u>	<u>D21H 27/-</u>	2020401535	2019478946	2020419312	2020431079
2020417254	2019479270	2020432150	2020411793	<u>F16K 15/-</u>	<u>F26B 11/-</u>
<u>C22B 3/-</u>	<u>E01B 35/-</u>	<u>E21B 23/-</u>	2021225328	2020437143	2020432224
2020403463	2020414026	2020432150	<u>F04D 17/-</u>	<u>F16K 37/-</u>	<u>F26B 25/-</u>
2020405229	<u>E02D 13/-</u>	2020432255	2020399072	2020419312	2020432224
2020417254	2020410629	<u>E21B 34/-</u>	2020399072	<u>F16K 41/-</u>	<u>F26B 7/-</u>
2020424925	<u>E02D 27/-</u>	2020432152	<u>F04D 29/-</u>	2020419312	2020432224
<u>C22B 47/-</u>	2020410629	2020432255	2020399072	<u>F16K 5/-</u>	<u>F27B 7/-</u>
2019475632	<u>E03C 1/-</u>	<u>E21B 41/-</u>	<u>F04D 31/-</u>	2020393170	2020424765
<u>C22B 59/-</u>	2021260022	2020401535	2020399072	<u>F16L 1/-</u>	<u>F41A 19/-</u>
2020403463	<u>E03D 5/-</u>	2020407749	<u>F16B 23/-</u>	2020411015	2020396918
<u>C22B 7/-</u>	2020423098	2020432255	2020398335	2021228158	
2019475632	<u>E03F 1/-</u>	<u>E21B 43/-</u>	<u>F16B 25/-</u>	<u>F16L 11/-</u>	<u>F42B 12/-</u>
<u>C22C 38/-</u>	2020404765	2020394136	2021208671	2021228158	2021246868
2021207953	<u>E04B 1/-</u>	2020407749	<u>F16B 33/-</u>	<u>F16L 55/-</u>	2021257420
<u>C25B 11/-</u>	2021208671	2020432150		2020411015	<u>G01B 11/-</u>
2020388410		2020432152			2020412498
<u>C25B 9/-</u>		2020432255			2021207767
2021223470		2021205881			

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

<u>G01C 3 /-</u>	<u>G01N 3 /-</u>	<u>G01S 3 /-</u>	<u>G05G 1 /-</u>	<u>G06N 5 /-</u>	2020424313
2020412498	2020412660	2021206131	2020422732	2020408906	2020424575
	<u>G01N 30 /-</u>		<u>G06F 1 /-</u>	2021213714	2020424576
<u>G01F 1 /-</u>	2020407172	<u>G01S 5 /-</u>	2020391236	<u>G06Q 10 /-</u>	2020424992
2020393248	2020416695	2020398338	2020412168	2020392097	2020424993
<u>G01G 19 /-</u>	<u>G01N 31 /-</u>	<u>G01S 7 /-</u>	<u>G06F 11 /-</u>	2020392097	2020425195
2020389092	2020393800	2020412498	2021204522	2020412355	2020425196
2020411010	<u>G01N 33 /-</u>	<u>G01V 11 /-</u>	2021216997	<u>G06Q 20 /-</u>	<u>G09F 9 /-</u>
<u>G01G 21 /-</u>	2020385647	2020412962	<u>G06F 16 /-</u>	2020392097	2020412168
2020412660	2020390381	<u>G01V 3 /-</u>	2020393475	2020393056	<u>G16B 15 /-</u>
<u>G01G 3 /-</u>	2020390430	2020411326	2020409017	<u>G06Q 30 /-</u>	<u>G16B 20 /-</u>
2020412660	2020396113	<u>G02B 23 /-</u>	2021236963	2020393056	2020414737
<u>G01J 3 /-</u>	2020398476	<u>G02B 23 /-</u>	<u>G06F 17 /-</u>	2020412281	<u>G16B 25 /-</u>
2020417239	2020413218	2021207767	2020393475	<u>G06Q 40 /-</u>	2020471210
<u>G01J 5 /-</u>	2020414011	<u>G02B 6 /-</u>	2020408906	<u>G06Q 50 /-</u>	<u>G16B 30 /-</u>
2021209878	2020414506	2020401535	2021213714	2020394362	2020414737
<u>G01K 1 /-</u>	2021205932	2020402860	<u>G06F 21 /-</u>	2020412355	2021233015
2021209878	2021212125	<u>G02B 7 /-</u>	2020393056	2020427263	<u>G16B 40 /-</u>
<u>G01L 1 /-</u>	2021221962	<u>G02C 1 /-</u>	2020403120	2021369950	2020411504
2020412660	<u>G01N 35 /-</u>	<u>G02C 1 /-</u>	<u>G06F 3 /-</u>	<u>G06T 11 /-</u>	<u>G16B 50 /-</u>
<u>G01L 5 /-</u>	2020395956	2020406120	2021220808	2020421011	2021233015
2020412660	2020412678	<u>G02C 7 /-</u>	<u>G06F 7 /-</u>	<u>G06T 15 /-</u>	<u>G16H 20 /-</u>
<u>G01M 13 /-</u>	2020414506	2020406120	2021213714	2020428449	2020415366
2019478946	<u>G01P 1 /-</u>	2020410371	<u>G06F 8 /-</u>	<u>G06T 19 /-</u>	2021205927
2020413200	2020396918	<u>G02C 9 /-</u>	2020403120	2020392228	<u>G16H 40 /-</u>
<u>G01N 1 /-</u>	<u>G01Q 60 /-</u>	<u>G02F 1 /-</u>	2021225408	<u>G06T 7 /-</u>	2020408205
2021221962	2020407601	2020406120	<u>G06F 9 /-</u>	2021203867	<u>G16H 50 /-</u>
2021262851	<u>G01Q 90 /-</u>	2020396673	2020412281	<u>G07C 5 /-</u>	2020394610
<u>G01N 11 /-</u>	2020407601	<u>G03B 21 /-</u>	2021225408	2020412355	2020408205
2020414506	2020400935	2020414297	<u>G06K 7 /-</u>	2020412685	2020411504
<u>G01N 15 /-</u>	<u>G01R 27 /-</u>	<u>G05B 13 /-</u>	<u>G06K 9 /-</u>	2020393056	2021369950
2020414506	2020400935	2021213714	2020412685	2020404981	<u>G21C 3 /-</u>
<u>G01N 21 /-</u>	<u>G01R 31 /-</u>	<u>G05B 19 /-</u>	2020393056	2020408272	2020404964
2020387044	2020392097	2020392228	2020404981	2021203818	<u>G21H 1 /-</u>
2020393167	2021210662	2021231690	2020408272	2021203818	2020404964
2020393800	<u>G01S 13 /-</u>	<u>G05B 23 /-</u>	2021203821	2021203870	<u>H01H 13 /-</u>
2020414266	2020411056	2020392228	<u>G06N 20 /-</u>	<u>G06N 3 /-</u>	2020418324
2020414506	<u>G01S 15 /-</u>	2020392948	2020408906	2020411504	<u>H01H 9 /-</u>
<u>G01N 27 /-</u>	2020410906	2021213714	<u>G06N 20 /-</u>	<u>G08G 5 /-</u>	2021210662
2020413218	<u>G01S 17 /-</u>	<u>G05D 1 /-</u>	2020391247	2020408906	<u>H01J 49 /-</u>
<u>G01N 29 /-</u>	2020412498	2020396794	2021203544	2020410234	2021216003
2021213714	<u>G01S 19 /-</u>		2021203869	<u>G09C 1 /-</u>	
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	2020398338		2021219995	2020423665	
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PCT applications which have entered the National Phase - IPC Index cont'd

<u>H01L 27 /-</u>	<u>H02J 7 /-</u>	<u>H04L 51 /-</u>
2020414761 2020418251	2020404455	2021376723
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<u>H01L 51 /-</u>	<u>H02K 15 /-</u>	<u>H04M 1 /-</u>
2020418251	2020414806	2020412168
<u>H01M 10 /-</u>	<u>H02K 33 /-</u>	<u>H04N 19 /-</u>
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<u>H01M 4 /-</u>	<u>H02M 1 /-</u>	<u>H04N 21 /-</u>
2020391357	2020400935	2021236963
<u>H01M 50 /-</u>	<u>H02M 7 /-</u>	<u>H04N 9 /-</u>
2020391357 2020450107 2021301919	2020400935	2020412363
<u>H01M 8 /-</u>	<u>H02S 40 /-</u>	<u>H04W 4 /-</u>
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<u>H01P 5 /-</u>	<u>H04B 1 /-</u>	<u>H04W 52 /-</u>
2020430091	2020400040	2020391236
<u>H01Q 1 /-</u>	<u>H04B 17 /-</u>	<u>H04W 56 /-</u>
2020406492 2020422039	2021237435	2020398338 2020422442
<u>H01Q 15 /-</u>	<u>H04B 3 /-</u>	<u>H04W 72 /-</u>
2020406492	2021237435	2020386822
<u>H01Q 3 /-</u>	<u>H04B 5 /-</u>	<u>H04W 76 /-</u>
2020406492	2020400040	2020456397
<u>H01Q 5 /-</u>	<u>H04B 7 /-</u>	<u>H04W 84 /-</u>
2020391236	2020391236 2020422442	2020386822 2020398338 2020415250
<u>H01Q 9 /-</u>	<u>H04L 1 /-</u>	<u>H05H 1 /-</u>
2020411326	2020386822	2020416708
<u>H01T 13 /-</u>	<u>H04L 12 /-</u>	<u>H05K 5 /-</u>
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<u>H02J 13 /-</u>	<u>H04L 25 /-</u>	
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<u>H02J 3 /-</u>	<u>H04L 27 /-</u>	
2020393361 2020401898 2020402903	2020386822	
	<u>H04L 41 /-</u>	
	2020403757	
	<u>H04L 5 /-</u>	
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C09K 3/14 (2006.01)
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C01B 32/50 (2017.01)
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A61K 31/683 (2006.01)
A61P 25/16 (2006.01)
A61P 25/22 (2006.01)
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2016222887	The Regents of the University of California	2017268675	Caterpillar Inc.
2016253590	Electrical Engineering Solutions Pty Ltd	2017277636	Illumina, Inc.
2016269730	Maco Pharma	2017278413	MLT Minet Lacing Technology
2016282082	Monash University	2017280012	Caterpillar Inc.
2016289523	Danstar Ferment AG	2017280203	Evapco, Inc.
2016290214	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.	2017281204	Winant, T.; Jeary, A.
2016305490	Commonwealth Scientific and Industrial Research Organisation	2017281406	Koninklijke Nederlandse Akademie van Wetenschappen
2016312177	Self-screen B.V.	2017283710	Nuseed Nutritional Australia Pty Ltd
2016314143	PURE NEW WORLD PTY LTD	2017286800	Nuseed Nutritional Australia Pty Ltd
2016315025	Guangzhou Sinogen Pharmaceutical Co., Ltd	2017290556	Cynosure, Inc.
2016315584	Alnylam Pharmaceuticals, Inc.	2017292917	AMO Development, LLC
2016317043	R. J. Reynolds Tobacco Company	2017293442	Mainstay Medical Limited
2016318163	The UAB Research Foundation; Emory University; Children's Healthcare of Atlanta, Inc.	2017294760	Stryker European Holdings I, LLC
2016323831	Syngenta Participations AG	2017297124	Norsk Hydro ASA
2016327573	Trustees of Boston University	2017299466	Merit Medical Systems, Inc.
2016331079	Wake Forest University Health Sciences	2017301435	Magic Leap, Inc.
2016332903	Massachusetts Institute of Technology	2017301556	A&E Advanced Closure Systems, LLC
2016338785	E. I. du Pont de Nemours and Company	2017301890	Maxeon Solar Pte. Ltd.
2016343299	Total Marine Technology Pty Ltd	2017301918	Hawaii Biotech Inc.
2016349913	The NanoSteel Company, Inc.	2017306044	University of Washington
2016353091	Probiotech LLC	2017311400	Research Triangle Institute
2016354667	ImpediMed Limited	2017311631	Trevelyan Trading Ltd
2016362830	BioSight Ltd.	2017312447	Linde Aktiengesellschaft
2016363011	Les Laboratoires Servier	2017314185	Cirrus Materials Science Limited
2016366505	Eurofilters N.V.	2017321192	Mentor Acquisition One, LLC
2016367206	Aker Solutions AS	2017330326	CiDRA Corporate Services LLC
2016367708	Phosphagenics Limited	2017331439	Kara Partners LLC
2016376008	Peak Well Systems Pty Ltd; Peak Well Systems Limited	2017335756	Wright, D.
2016380160	Khanania, S.	2017337056	Qualcomm Incorporated
2016390427	Harcor Security Seals Pty Limited	2017337492	NTT DOCOMO, INC.
2016394860	Advanced Bio Machines Pte. Ltd.	2017339726	Cellix Bio Private Limited
2016400021	Husqvarna AB	2017340401	The Coca-Cola Company
2016407341	Xiamen Yarui Optical Co., Ltd.	2017347825	Integrated Nano-Technologies, Inc.
2016425830	Becton, Dickinson and Company	2017349311	Gelatines Weishardt
2016428463	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017353305	Commonwealth Scientific and Industrial Research Organisation
2016428816	JGC Corporation	2017353588	Paratek Pharmaceuticals, Inc.
2016432004	Sumitomo Electric Industries, Ltd.	2017357764	PayPal, Inc.
2016434385	Halliburton Energy Services, Inc.	2017360942	Specialty Fitness Systems, LLC
2017201993	Fujitsu General Limited	2017363614	AgroFresh Inc.
2017203085	Nichia Corporation	2017371179	Gliknik Inc.
2017203140	Vale S.A.	2017373837	N.V. Nutricia
2017207190	Hyfuse Limited	2017382362	Global Tel*Link Corp.
2017208117	Intron Biotechnology, Inc.	2017386417	Frequency Therapeutics, Inc.
2017210744	Straatmans Holding Company Pty Ltd	2017388573	Mars, Incorporated
2017214327	Bockatech Ltd	2017394923	Tempo Therapeutics, Inc.
2017219901	Nant Holdings IP, LLC; NantCell, Inc.	2017395092	Satake Corporation; Mechano Transformer Corporation
2017222125	Merck Patent GmbH	2017397390	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2017225911	Nauti-Craft Ltd	2017405700	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
2017230150	Lim, K.M.	2017412612	MasterCard Technologies Canada ULC
2017230737	Incube Labs, LLC	2017413929	Razer (Asia-Pacific) Pte. Ltd.
2017232391	Xeniopro GmbH	2018200255	GINO-AKA
2017232582	Eisai R&D Management Co., Ltd.	2018203513	Woodside Energy Technologies Pty Ltd
2017234372	Thornton, A.	2018205400	Ardelyx, Inc.
2017240233	University of Southern California	2018206271	Samsung Electronics Co., Ltd.
2017243430	MAID IP Holdings Pty Ltd	2018206479	Ardelyx, Inc.
2017245439	Noritz Corporation	2018208461	OMS INVESTMENTS, INC.
2017246241	Australian Rubber Products Pty Ltd	2018210354	Innovative Water Care, LLC
2017247940	Société des Produits Nestlé S.A.	2018212009	Zoetis Services LLC
2017250769	Memorial Sloan Kettering Cancer Center	2018212836	Semper Fortis Solutions, LLC
2017252183	Artisan Vehicle Systems Inc.	2018213634	Qualcomm Incorporated
2017261492	The Boeing Company	2018214804	Kimberly-Clark Worldwide, Inc.

Applications Accepted - Numerical Index cont'd

2018217437	Presien Pty Ltd	2019287212	Nippon Telegraph and Telephone Corporation
2018220496	LG Electronics Inc.	2019294490	ConMed Corporation
2018221427	Oxford Photovoltaics Limited	2019295794	Lucid Software, Inc.
2018225539	Aptose Biosciences Inc.; CrystalGenomics, Inc.	2019299671	MEDŘICKÝ, H.; STEPAN, D.; JESENSKY, D.
2018227538	CiDRA Corporate Services LLC	2019305159	Novocure GmbH
2018229926	Huawei Digital Power Technologies Co., Ltd.	2019311445	Japan Aviation Electronics Industry, Limited; Tokyo Institute of Technology
2018235015	Naval Group	2019312949	Komatsu Ltd.
2018239358	Sharp Kabushiki Kaisha	2019313721	Komatsu Ltd.
2018240031	The Broad Institute, Inc.; President and Fellows of Harvard College	2019315487	Ascentage Pharma (Suzhou) Co., Ltd.
2018240114	Materion Corporation	2019319095	Nokia Technologies Oy
2018247224	Joy Global Underground Mining LLC	2019320770	Gilead Sciences, Inc.
2018254263	APA- Advanced Technologies Ltd.	2019321267	Gilead Sciences, Inc.
2018257929	Phenix Real Time Solutions, Inc.	2019321424	Gilead Sciences, Inc.
2018258338	The Board of Trustees of the University of Illinois	2019321669	Deka Products Limited Partnership
2018261354	The Glad Products Company	2019322630	Citrix Systems, Inc.
2018262438	Serum Institute of India Private Limited	2019323663	AstraZeneca AB
2018270075	Oxford Nanopore Technologies plc; VIB vzw; Vrije Universiteit Brussel	2019327091	Asahi Kasei Kabushiki Kaisha
2018270111	ModernaTX, Inc.	2019328966	Komatsu Ltd.
2018274608	Baggermaatschappij Boskalis B.V.	2019328988	CJ Cheiljedang Corporation
2018274901	Gearon, M.	2019330737	The University of Sydney
2018279083	Integra Biosciences AG	2019331501	Wing Aviation LLC
2018280956	CMR Surgical Limited	2019332549	CJ Cheiljedang Corporation
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2018285677	Takeda Pharmaceutical Company Limited	2019338432	Bosch Soluções Integradas Brasil Ltda.
2018291687	Janssen Pharmaceutica NV	2019340961	Shimadzu Corporation; The University of Tokyo
2018293208	Hugo Petersen GmbH	2019342158	Vivo Mobile Communication Co., Ltd.
2018298849	Nouscom AG	2019346610	W. L. Gore & Associates, Inc.
2018301681	Innate Tumor Immunity, Inc.	2019350100	Sichuan Shunying Power Battery Material Co. Ltd.
2018307660	Crown Equipment Corporation	2019350701	Conmed Corporation
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2018316254	FORMA Therapeutics, Inc.	2019358161	Beijing Keeyoo Technologies Co., Ltd.
2018329359	Oncotag Diagnostics Co., Ltd.	2019362348	BY-HEALTH Co., Ltd.
2018330191	Eagle Analytical Services, Inc.	2019362756	Bendix Commercial Vehicle Systems LLC
2018336785	Regeneron Pharmaceuticals, Inc.	2019371078	Nicoventures Trading Limited
2018352855	City of Hope; Homology Medicines, Inc.	2019371079	Nicoventures Trading Limited
2018353759	HK Inno.N Corporation	2019371080	Nicoventures Trading Limited
2018369853	Cellix Bio Private Limited	2019371232	Eli Lilly and Company
2018378517	Xiamen Innodx Biotech Co., Ltd; Xiamen University	2019371616	Daikin Industries, Ltd.
2018385130	FarmHannong Co., Ltd.	2019372222	Nicoventures Trading Limited
2018397668	Sami Labs Limited	2019372223	Nicoventures Trading Limited
2018400897	Kotobuki Holdings Co., Ltd.	2019375738	Spring Innovation AS
2018413298	Overwerx Ltd.	2019378614	Colgate-Palmolive Company
2018421489	Ledman Optoelectronic Co., Ltd.	2019380408	Boston Scientific Scimed, Inc.
2018421605	LG Electronics Inc.	2019384537	PayPal, Inc.
2018423679	Essity Hygiene and Health Aktiebolag	2019386038	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018435277	Colgate-Palmolive Company	2019386432	Nippon Telegraph and Telephone Corporation
2018439003	Mitsubishi Electric Corporation	2019386451	Fujitsu General Limited
2018441779	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP.,LTD.	2019393724	Citrix Systems, Inc.
2018444181	General Mills, Inc.	2019397569	RHT Rail Haul Technologies Inc.
2018451357	Colgate-Palmolive Company	2019406818	Jeld-Wen, Inc.
2018453791	Hill's Pet Nutrition, Inc.	2019414301	PayPal, Inc.
2019204825	Schneider Electric USA, Inc.	2019418577	Haier Smart Home Co., Ltd.; Qingdao Haier Special Refrigeration Electric Appliance Co., Ltd.
2019205416	Ludwig Institute for Cancer Research Ltd	2019421824	Mitsubishi Electric Corporation
2019220323	Luxtistica S.r.l.	2019422797	Mitsubishi Electric Corporation
2019229971	E. I. du Pont de Nemours and Company	2019423879	Mitsubishi Heavy Industries Engineering, Ltd.; The Kansai Electric Power Co., Inc.
2019231690	Coulter Ventures LLC	2019448601	Intuit Inc.
2019243005	LG Electronics Inc.	2019470693	PELL Bio-Med Technology Co., Ltd
2019248665	ZTE Corporation	2020200672	Cibus US LLC; Cibus Europe B.V.
2019257152	Abbott Diabetes Care Inc.	2020201384	GENEVANT SCIENCES GMBH
2019268562	Zaifman, Y.	2020201813	Zeus Company Inc.
2019268990	E. Hawle Armaturenwerke GmbH	2020201856	Rutgers, The State University of New Jersey
2019270631	3M Innovative Properties Company	2020202254	Taiga Biotechnologies, Inc.
2019270921	Milwaukee Electric Tool Corporation	2020202335	Bruin Biometrics, LLC
2019274409	Nektar Therapeutics	2020202622	Kolon TissueGene, Inc.
2019279177	Aichi Co., Ltd.	2020203313	Microfluidics International Corporation
2019281558	IHI Corporation	2020203362	Regeneron Pharmaceuticals, Inc.
2019282526	The Gillette Company LLC	2020203614	New Zealand Forest Research Institute Limited
2019284481	Abbott Diabetes Care Inc.	2020204332	OFS Fitel, LLC

Applications Accepted - Numerical Index cont'd

2020204528	Akebia Therapeutics Inc.	2021202484	Adox Pty Ltd
2020205179	LG Electronics Inc.	2021202525	Dongguan Poweramp Technology Limited
2020210165	Astellas Pharma, Inc.; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH	2021202746	Huwais IP Holding LLC
2020213386	Outotec (Finland) Oy	2021202756	Harsco Technologies LLC
2020217391	Niagara Bottling, LLC; Hanan, J.; Shabafrooz, V.; Bandla, S.	2021203047	NuVasive, Inc.
2020217407	Snap-on Incorporated	2021203607	Google LLC
2020219372	OwnBackup Ltd	2021203657	K. Hartwall Oy Ab
2020220131	Kayezen, LLC	2021203671	Mars, Incorporated
2020226042	Hanmi Pharmaceutical Co., Ltd.	2021203681	Smajic, S.; Smajic, S.
2020227039	NOVOLUTO GmbH	2021203784	PhysIQ Inc.
2020230349	Snap-on Incorporated	2021203989	Institute of Geology and Geophysics, Chinese Academy of Sciences
2020239622	Inventio AG	2021204094	Innovative Biodefense, Inc.
2020239719	Morita Kagaku Kogyo Co., Ltd.	2021204525	SenseTime International Pte. Ltd.
2020239721	Clear Technology Holdings, LLC	2021206813	Institute of Geology and Geophysics, Chinese Academy of Sciences
2020244417	Immatics Biotechnologies GmbH	2021212110	JCR Pharmaceuticals Co., Ltd.
2020244510	Peirson Harris Felder Pty. Limited	2021215110	MATATAKITOYO TOOL CO., LTD.
2020250209	TARIS Biomedical LLC	2021221393	Derrick Corporation
2020250216	AliveGen Inc.	2021221501	Nantong University
2020250294	Comet Biorefining Inc.	2021257914	Institute of Geology and Geophysics, Chinese Academy of Sciences
2020253023	F. Hoffmann-La Roche AG	2021296595	Cadenza Innovation, Inc.
2020256298	Immatics Biotechnologies GmbH	2021304543	Hemideina Pty Ltd
2020256428	Accenture Global Solutions Limited	2021323385	SDS Biotech K.K.
2020257159	Lunella Biotech, Inc.	2022200920	RANDAEMON sp. z o.o.
2020260402	Nien Made Enterprise Co., Ltd.	2022202150	Waymo LLC
2020264414	LG ELECTRONICS INC.	2022202339	SNIPR Technologies Limited
2020264415	LG ELECTRONICS INC.	2022203531	Dhawan, S.; Dhawan, K.; Reutter, D.; Beckman, C.; Memon, A.
2020264416	LG ELECTRONICS INC.	2022203622	Mobileye Vision Technologies Ltd.
2020267484	Boston Scientific Scimed, Inc.	2022203634	Mobileye Vision Technologies Ltd.
2020270467	Dongwon F&B Co., Ltd.		
2020273278	Alcyone Therapeutics, Inc.		
2020273320	Yang, C.		
2020277205	Fuzhou Autran Industrial Co.,Ltd.		
2020280995	Huawei Technologies Co., Ltd.		
2020280996	Cable Television Laboratories, Inc.		
2020286222	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College		
2020286299	Gilead Sciences, Inc.		
2020289767	CBG Systems International Pty Ltd		
2020289785	TechMah Medical LLC		
2020289848	GE Video Compression, LLC		
2020294198	Vermeer Manufacturing Company		
2020294241	TechMah Medical LLC		
2020314733	SharkNinja Operating LLC		
2020323956	SenseTime International Pte. Ltd.		
2020331566	Dalian University of Technology		
2020340919	Progress Rail Services Corporation		
2020372607	Intuit Inc.		
2020386375	Archer Daniels Midland Company		
2020387494	Nantong University		
2020403708	Shandong Lingxiyuan Sci-Tech Development Corporation		
2020403709	SenseTime International Pte. Ltd.		
2020458189	RAPAS Co., Ltd.; RAPAS International Limited		
2021200786	Guangdong Oppo Mobile Telecommunications Corp., Ltd.		
2021200843	Sun Patent Trust		
2021200912	Thales Management & Services Deutschland GmbH		
2021200970	Vertex Pharmaceuticals (Europe) Limited		
2021201099	LG Electronics Inc.		
2021201120	MX Technologies Inc.		
2021201145	View, Inc.		
2021201286	Fiberlean Technologies Limited		
2021201393	Fasetto, Inc.		
2021201493	Celgene Corporation		
2021201500	Ancestry.com DNA, LLC		
2021201527	ServiceNow, Inc.		
2021202049	Baker Hughes Holdings LLC		
2021202302	Apple Inc.		
2021202422	President and Fellows of Harvard College		

IPC Index

<u>A01G 23 /-</u>	<u>A23K 10 /-</u>	2021203657	<u>A61B 5 /-</u>	2019372222	2016367708
2017267087	2018453791	<u>A47B 47 /-</u>	2016354667	2020226042	2017208117
	2021203671		2019257152	2020257159	2017222125
<u>A01H 3 /-</u>	<u>A23K 50 /-</u>	2021203657	2019284481	2020286299	2017230737
2016323831	2018453791	<u>A47B 55 /-</u>	2019356224	2020387494	2017266410
	2021203671		2020202335	2021200970	2018254263
<u>A01H 5 /-</u>		2021203657	2021202422	2021204094	2019362348
2016290214	<u>A23L 17 /-</u>	<u>A47C 3 /-</u>	<u>A61C 17 /-</u>	2022202339	2020250209
2016323831	2020270467		2018435277	<u>A61K 35 /-</u>	<u>A61L 2 /-</u>
2020200672		2019268562		2016318163	2016269730
<u>A01K 61 /-</u>	<u>A23L 27 /-</u>	<u>A47C 4 /-</u>	<u>A61C 3 /-</u>	2016353091	<u>A61L 27 /-</u>
2019375738	2017340401		2021202746	2017230150	
	2020239719	2019268562		2017230737	2017230737
<u>A01K 63 /-</u>	<u>A23L 3 /-</u>	<u>A47C 7 /-</u>	<u>A61F 2 /-</u>	2017240233	2017394923
2019375738	2019418577		2019380408	2017349311	
		2019279177	2020294241	2018352855	<u>A61M 15 /-</u>
<u>A01K 67 /-</u>	<u>A23L 33 /-</u>	<u>A47J 37 /-</u>	<u>A61F 5 /-</u>	2020270467	2016394860
2016305490	2017373837		2018308937	2022202339	
	2019330737	2020314733		<u>A61K 36 /-</u>	<u>A61M 16 /-</u>
<u>A01M 23 /-</u>	<u>A23L 5 /-</u>	<u>A47J 41 /-</u>	<u>A61F 9 /-</u>	2016289523	2016394860
2018208461	2017388573		2017292917	<u>A61K 38 /-</u>	<u>A61M 25 /-</u>
	2020270467	2016390427		2017208117	2016425830
<u>A01N 25 /-</u>	<u>A24B 15 /-</u>	<u>A47L 13 /-</u>	<u>A61H 19 /-</u>	2018270111	2019346610
2018210354	2019371078		2020227039	2019371232	2020201813
	2019371079	2019270631		2019470693	<u>A61M 31 /-</u>
<u>A01N 43 /-</u>	2019371080	<u>A47L 17 /-</u>	<u>A61H 9 /-</u>	2020250216	2020250209
2017363614	2019372222		2020227039	2021212110	
2019229971	2019372223	2019270631		<u>A61K 39 /-</u>	<u>A61M 39 /-</u>
	2019372223	2019270631		2016318163	2019321669
<u>A01N 55 /-</u>	<u>A24F 40 /-</u>	<u>A47L 5 /-</u>	<u>A61K 31 /-</u>	2017301918	
2017363614	2019371080		2016315584	2017371179	<u>A61M 5 /-</u>
	2019372222	2018421605	2016318163	2018262438	2017299466
<u>A01N 59 /-</u>	2019372223	<u>A47L 9 /-</u>	2016362830	2020210165	2019321669
2018210354	2019372223		2016363011	2020244417	2020273278
	2019372223	2016366505	2016367708	2020256298	
<u>A01N 63 /-</u>	<u>A24F 47 /-</u>	2016400021	2017232391	<u>A61K 45 /-</u>	<u>A61N 1 /-</u>
2020202254	2016317043	2018421605	2017281406		2017293442
		<u>A61B 1 /-</u>	2017339726	2016363011	2019305159
<u>A01N 65 /-</u>	<u>A41D 13 /-</u>		2017340401	2018225539	2021304543
2020202622	2020273320	2020267484	2017353588	2019315487	
		2021203047	2017373837	<u>A61K 47 /-</u>	<u>A61N 5 /-</u>
<u>A23D 9 /-</u>	<u>A43B 7 /-</u>	<u>A61B 17 /-</u>	2017386417		2019299671
2017373837	2018308937		2018205400	2017208117	
2020270467		2017294760	2018206479	2017266410	<u>A61P 1 /-</u>
	2018308937	2017299466	2018225539	2017371179	2016315025
<u>A23G 3 /-</u>	<u>A46B 11 /-</u>	2017301556	2018240031	2019274409	2017386417
2017388573	2019378614	2018280956	2018258338	2019371232	2018206479
		2019294490	2018285677	<u>A61K 48 /-</u>	2019337286
<u>A23G 9 /-</u>	<u>A46B 15 /-</u>	2019346610	2018291687		2019362348
2017388573	2018435277	2019350701	2018301681	<u>A61K 8 /-</u>	<u>A61P 11 /-</u>
		2021202746	2018316254	2016315025	2021200970
<u>A23J 3 /-</u>	<u>A47B 3 /-</u>	<u>A61B 18 /-</u>	2018353759	2018352855	
2017349311	2019268562		2018369853		<u>A61P 17 /-</u>
		2017290556	2019315487	<u>A61K 9 /-</u>	2017232391
	<u>A47B 43 /-</u>	<u>A61B 34 /-</u>	2019320770		2019362348
			2019321267	2018451357	
		2018280956	2019321424	2021204094	
			2019323663		
			2019337286		
			2019362348		
			2019371080	2016353091	

Applications Accepted - IPC Index cont'd

2021204094	<u>A61Q 19 /-</u>	2018227538	2019282526	<u>B60T 8 /-</u>	<u>B64C 39 /-</u>
<u>A61P 19 /-</u>	2018451357	2019340961	<u>B27D 5 /-</u>	2019362756	2019331501
2019470693	<u>A62C 3 /-</u>	<u>B01J 21 /-</u>	2017207190	<u>B60W 10 /-</u>	<u>B64D 1 /-</u>
2021212110	2021203681	2020386375	<u>B28B 1 /-</u>	2022202150	2018413298
<u>A61P 21 /-</u>	<u>A63B 17 /-</u>	2020458189	2016314143	<u>B60W 30 /-</u>	2018413298
2017232391	2019231690	<u>B01J 23 /-</u>	2020386375	2022202150	<u>B64D 11 /-</u>
<u>A61P 25 /-</u>	<u>A63B 21 /-</u>	2020386375	<u>B29B 17 /-</u>	2022202150	2016390427
2017373837	2017360942	<u>B01L 3 /-</u>	2020458189	<u>B61C 3 /-</u>	<u>B65B 13 /-</u>
2019470693	2018279083	<u>B03B 5 /-</u>	<u>B29C 44 /-</u>	2019397569	2017301556
<u>A61P 29 /-</u>	2017360942	2017214327	2017214327	<u>B61C 9 /-</u>	<u>B65B 61 /-</u>
2019320770	2018274901	<u>B03C 3 /-</u>	<u>B29C 45 /-</u>	2019397569	2020331566
2019321267	2019231690	2018227538	2017247940	<u>B61L 1 /-</u>	<u>B65D 1 /-</u>
2019321424	2020220131	<u>B03C 3 /-</u>	2019268990	2021200912	2017214327
2019323663	<u>A63B 23 /-</u>	2016332903	2020217391	<u>B61L 15 /-</u>	<u>B65D 21 /-</u>
2019470693	2019231690	<u>B03D 1 /-</u>	<u>B29C 63 /-</u>	2020340919	2018279083
<u>A61P 3 /-</u>	<u>B01D 15 /-</u>	2017353305	2017207190	<u>B61L 23 /-</u>	<u>B65D 25 /-</u>
2019362348	2018227538	2020213384	<u>B29C 65 /-</u>	2021200912	2018279083
2020201384	2020253023	<u>B04C 5 /-</u>	2017207190	2021202756	<u>B65D 43 /-</u>
<u>A61P 31 /-</u>	<u>B01D 17 /-</u>	2016400021	<u>B29C 67 /-</u>	2020340919	2016390427
2016362830	2017311631	<u>B07B 1 /-</u>	2016314143	<u>B61L 27 /-</u>	<u>B65D 65 /-</u>
2017353588	<u>B01D 19 /-</u>	2021221393	<u>B32B 27 /-</u>	2021203657	2018261354
2020286299	2017311631	<u>B09B 3 /-</u>	2017247940	<u>B63B 1 /-</u>	<u>B65D 81 /-</u>
<u>A61P 35 /-</u>	<u>B01D 25 /-</u>	2020458189	<u>B32B 9 /-</u>	2017225911	2017214327
2016315025	2017210744	<u>B23B 51 /-</u>	2017261492	<u>B63B 25 /-</u>	<u>B65D 85 /-</u>
2016362830	2021221393	2021202746	<u>B33Y 10 /-</u>	2018203513	2017247940
2016363011	<u>B01D 29 /-</u>	<u>B24B 55 /-</u>	2016314143	<u>B63B 35 /-</u>	2018279083
2017232391	2020294198	2016400021	<u>B33Y 80 /-</u>	2018203513	<u>B65D 90 /-</u>
2018291687	<u>B01D 33 /-</u>	<u>B25B 13 /-</u>	2016314143	2018203513	2019375738
2018301681	2017210744	2021215110	<u>B60C 27 /-</u>	<u>B63B 39 /-</u>	<u>B65G 19 /-</u>
2018316254	<u>B01D 37 /-</u>	<u>B25B 21 /-</u>	2017203140	2017225911	2020403708
2019315487	2017210744	2016343299	<u>B60H 1 /-</u>	<u>B63B 7 /-</u>	<u>B65G 23 /-</u>
2019323663	2017210744	<u>B25B 23 /-</u>	2018220496	2017225911	2018247224
2020210165	<u>B01D 46 /-</u>	2020217407	<u>B60L 50 /-</u>	<u>B63C 11 /-</u>	<u>B65G 47 /-</u>
2020226042	2016400021	2021215110	2017252183	2016343299	2020403708
2020387494	<u>B01D 53 /-</u>	<u>B25G 1 /-</u>	<u>B60N 3 /-</u>	<u>B63H 21 /-</u>	<u>B65H 1 /-</u>
2022202339	2019423879	2021215110	2018220496	2017243430	2018279083
<u>A61P 37 /-</u>	2017210744	<u>B25G 3 /-</u>	<u>B60T 13 /-</u>	<u>B63H 25 /-</u>	<u>B66B 1 /-</u>
2017232391	<u>B01D 46 /-</u>	2020217407	2019362756	2017243430	2020239622
2018301681	2016400021	<u>B25F 5 /-</u>	<u>B60T 17 /-</u>	<u>B64C 1 /-</u>	<u>B66C 1 /-</u>
2019274409	<u>B01D 53 /-</u>	2020217407	2019362756	2019331501	
2022202339	2019423879	<u>B25F 5 /-</u>			
<u>A61P 43 /-</u>	2019423879	2020217407			
2017232391	<u>B01F 23 /-</u>	2021215110			
2017386417	2018293208	<u>B25G 1 /-</u>			
2021212110	2018293208	2021215110			
<u>A61P 5 /-</u>	<u>B01F 35 /-</u>	<u>B26B 21 /-</u>			
2021212110	2020203313				
<u>A61P 9 /-</u>	<u>B01J 2 /-</u>				
2018206479	2017222125				
<u>A61Q 17 /-</u>	<u>B01J 20 /-</u>				
2018451357					

Applications Accepted - IPC Index cont'd

2018274608		<u>C07D 213 /-</u>	<u>C07D 519 /-</u>	2018262438	<u>C09J 4 /-</u>
<u>B66F 1 /-</u>	<u>C04B 35 /-</u>	2020204528	2017386417	<u>C08J 11 /-</u>	2019328988
2020230349	2019327091		2018316254		2019332549
	<u>C04B 38 /-</u>	<u>C07D 215 /-</u>		2020458189	
<u>B66F 3 /-</u>			<u>C07F 5 /-</u>	<u>C08J 5 /-</u>	<u>C09J 7 /-</u>
2020230349	2019327091	2021200970	2019323663		2018261354
	<u>C05C 5 /-</u>	<u>C07D 225 /-</u>		2019284481	2019328988
<u>B66F 5 /-</u>			<u>C07H 15 /-</u>		2019332549
2020230349	2019350100	2018205400		<u>C08J 9 /-</u>	
	<u>C07B 37 /-</u>	<u>C07D 233 /-</u>	2017340401		<u>C09K 21 /-</u>
<u>B82Y 10 /-</u>			<u>C07K 1 /-</u>	2018214804	2020289767
2021203607	2021201493	2019315487		<u>C08K 3 /-</u>	<u>C09K 3 /-</u>
	<u>C07B 59 /-</u>	<u>C07D 249 /-</u>	2017371179		
<u>C01B 11 /-</u>			<u>C07K 14 /-</u>	2020217391	2019270631
2018210354	2021200970	2018205400		2020289767	
	<u>C07C 2 /-</u>	<u>C07D 295 /-</u>	2016318163	<u>C08L 23 /-</u>	<u>C11B 1 /-</u>
<u>C01B 17 /-</u>			2017240233		
2018293208	2021201493	2018205400	2017250769	2018214804	2017283710
2019423879			2017301918	<u>C08L 39 /-</u>	2017286800
	<u>C07C 215 /-</u>	<u>C07D 317 /-</u>	2017349311		2020270467
<u>C01B 3 /-</u>			2017371179	2019284481	
2019281558	2019423879	2018205400	2018270075	<u>C08L 5 /-</u>	<u>C12M 1 /-</u>
	<u>C07C 235 /-</u>	<u>C07D 401 /-</u>	2018270111		2016331079
<u>C01B 32 /-</u>			2018298849	2018262438	
2019281558	2018254263	2018206479	2019371232	<u>C08L 67 /-</u>	<u>C12M 3 /-</u>
2019327091		2018301681	2020244417		2016331079
2019423879	<u>C07C 237 /-</u>	<u>C07D 403 /-</u>	2020250216	2018214804	<u>C12N 1 /-</u>
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<u>C01B 33 /-</u>	2017353588	2018225539	2020256298	<u>C08L 83 /-</u>	2016315025
2018227538		2018291687	2021212110		2019330737
2020289767	<u>C07C 43 /-</u>	2019315487		2018214804	
			<u>C07K 16 /-</u>	<u>C09D 1 /-</u>	<u>C12N 15 /-</u>
<u>C01B 39 /-</u>	2019423879	<u>C07D 405 /-</u>	2017301918		
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	<u>C07C 45 /-</u>	2018301681	2020210165		2016305490
<u>C01F 11 /-</u>		2018316254		2020289767	2016315025
2019350100	2020387494	<u>C07D 409 /-</u>	<u>C07K 19 /-</u>	<u>C09D 5 /-</u>	2016315584
	2021323385				2016338785
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2018210354	<u>C07C 61 /-</u>	2020286299		<u>C09J 103 /-</u>	2020201384
			2018262438		2020286222
<u>C02F 11 /-</u>	2021201493	<u>C07D 487 /-</u>		2020203614	2021212110
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2018210354	<u>C07C 69 /-</u>	2017386417			<u>C12N 5 /-</u>
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	<u>C07D 211 /-</u>	<u>C07D 495 /-</u>	2019284481		2021212110
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	2018285677				

Applications Accepted - IPC Index cont'd

<u>C12N 7 /-</u>		<u>E02F 9 /-</u>		<u>F16L 19 /-</u>	2019418577
2018352855	<u>C25C 3 /-</u>	2017268675	<u>E21B 44 /-</u>	2019268990	<u>F25D 29 /-</u>
	2017297124	2017280012	2016367206	<u>F16L 21 /-</u>	2019243005
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2016290214	2017314185	<u>E03C 1 /-</u>	2017252183	<u>F16L 37 /-</u>	<u>F25D 3 /-</u>
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2018385130	2017314185	2016314143	<u>F03D 13 /-</u>	2021202049	2018220496
2018397668	<u>C40B 40 /-</u>	2020289767	2018274608	<u>F16M 11 /-</u>	<u>F25J 1 /-</u>
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2020286222	<u>D01F 8 /-</u>	2016314143	<u>F04C 18 /-</u>	2019338432	<u>F28B 3 /-</u>
<u>C12P 19 /-</u>	2018214804	<u>E04C 2 /-</u>	2017201993	<u>F21L 4 /-</u>	2017280203
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2018397668	2018214804	<u>E04C 3 /-</u>	2017201993	<u>F21S 8 /-</u>	2019311445
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<u>C12P 7 /-</u>	2020264416	2021201145	2017278413	2016380160	2019311445
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2018270075	<u>D06M 15 /-</u>	2021201145	<u>F16G 3 /-</u>	2016380160	2018279083
2018330191	2019270631	<u>E06B 10 /-</u>	2017278413	<u>F24F 11 /-</u>	<u>G01F 23 /-</u>
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2019205416	2020250294	<u>E21B 10 /-</u>	2016400021	2019422797	<u>G01F 25 /-</u>
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2019330737	2021201286	<u>E21B 33 /-</u>	2017246241	<u>F25D 13 /-</u>	<u>G01N 15 /-</u>
<u>C13K 1 /-</u>	<u>E01F 15 /-</u>	2016367206	<u>F16K 3 /-</u>	2017312447	2017330326
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<u>C13K 11 /-</u>	<u>E02B 8 /-</u>	2016367206	<u>F16L 15 /-</u>	2019243005	<u>G01N 21 /-</u>
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2019350100					
<u>C22C 38 /-</u>					
2016349913					
<u>C22C 9 /-</u>					
2018240114					

Applications Accepted - IPC Index cont'd

<u>H04N 21 /-</u>	2020239622 2021221501
2020289848	<u>H05B 45 /-</u>
<u>H04N 7 /-</u>	2016253590
2018257929	<u>H05B 6 /-</u>
<u>H04Q 9 /-</u>	2019418577
2019371616 2019422797	<u>H05K 5 /-</u>
<u>H04R 25 /-</u>	2016253590
2021304543	
<u>H04R 3 /-</u>	
2021304543	
<u>H04W 12 /-</u>	
2019319095	
<u>H04W 24 /-</u>	
2018284829 2021257914	
<u>H04W 28 /-</u>	
2017337492 2018284829	
<u>H04W 36 /-</u>	
2016428463	
<u>H04W 4 /-</u>	
2017337056	
<u>H04W 40 /-</u>	
2021257914	
<u>H04W 48 /-</u>	
2019319095	
<u>H04W 52 /-</u>	
2021257914	
<u>H04W 60 /-</u>	
2019319095	
<u>H04W 72 /-</u>	
2017337056 2017337492 2017405700 2018239358 2018441779 2019248665 2020280995	
<u>H04W 74 /-</u>	
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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 (11) AU-B-2021107371
 (21) 2021107371 (22) 25.08.2021
 (54) Highly Loaded Haloxypop Formulations
 (51) Int. Cl.
 A01N 43/40 (2006.01)
 A01P 13/00 (2006.01)
 A01N 25/02 (2006.01)
 A01N 25/30 (2006.01)
 (45) 14.07.2022
 (72) Horsfield, Andrew; Vaughan, Peter
 (74) Chrysiliou IP

(71) BISSELL Inc.
 (11) AU-B-2021107640
 (21) 2021107640 (22) 03.02.2021
 (54) Surface cleaning apparatus
 (51) Int. Cl.
 A47L 7/02 (2006.01)
 (45) 14.07.2022
 (62) 2016101847,2018278858
 (72) Xia, Jincheng; Ge, Jianjun; Yin, Zhenji-
 ang; Chen, Xin; Liang, Yongsheng;
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 (51) Int. Cl.
 A61G 5/14 (2006.01)
 A47C 1/034 (2006.01)
 A47C 31/00 (2006.01)
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 (31) 2021902163 (32) 14.07.21 (33) AU
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 (21) 2021106918 (22) 24.08.2021
 (54) Foldable table
 (51) Int. Cl.
 A47B 3/00 (2006.01)
 A47B 3/08 (2006.01)
 A47B 3/083 (2006.01)
 A47B 21/06 (2006.01)
 (31) 2021902655 (32) 23.08.21 (33) AU
 (45) 14.07.2022
 (72) Eitelgoerge, Lukas; Mak, Lowell
 (74) IP SOLVED (ANZ) PTY. LTD.

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IPC Index

A01N 25 /-

2021107371

A01N 43 /-

2021107371

A01P 13 /-

2021107371

A47B 21 /-

2021106918

A47B 3 /-

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A47C 1 /-

2021107130

A47C 31 /-

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A47L 7 /-

2021107640

A61G 5 /-

2021107130

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2016267960 **The a2 Milk Company Limited** (Fonterra Co-operative Group Limited)
- 2020281026 **Miles, S.** (Clearview Towing Mirrors Pty Ltd)
- 2021258059 **The NOCO Company** (Brown & Watson International Pty Ltd)

Applications Withdrawn

- 2019283871 **ALLEGION (NEW ZEALAND) LIMITED** (ASSA ABLOY Australia Pty Limited)

Patents Granted

Standard Patents

- 2015267051 2015345125 2015357526 2015369809
- 2015382274 2015417041 2016206692 2016206868
- 2016208290 2016217801 2016217853 2016219396
- 2016235251 2016239948 2016243967 2016246450
- 2016250900 2016258423 2016258880 2016265255
- 2016268158 2016277121 2016289727 2016291736
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- 2016306527 2016306786 2016308049 2016308653
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- 2016352007 2016356185 2016360852 2016361318
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- 2017202089 2017202092 2017203072 2017203444
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- 2017348768 2017352065 2017355749 2017359593
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- 2018239548 2018241628 2018245281 2018250312
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- 2020244239 2020244445 2020250299 2020253531
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- 2021200974 2021201042 2021201152 2021201252
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- 2021203045 2021203078 2021203130 2021203157
- 2021203439 2021203634 2021204113 2021282383
- 2022200689

Offer to Surrender

It is hereby notified that **AIMS Support Pte. Ltd. Postbox 15 , Mar-gate TAS 7054** , the Patentee of Patent 2020101571 dated 26.08.2020 for an invention titled ' Sensory backpack for children with specific sensory needs' 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

2003204440 MEDICAL IT PTY LTD The patent has been assigned to **Civica Pty Ltd**

2004267844 TotalEnergies Distributed Generation USA, LLC The patent has been assigned to **TotalEnergies OneTech**

2004298606 Fred Hutchinson Cancer Research Center The patent has been assigned to **Fred Hutchinson Cancer Center**

2006332511 TotalEnergies Distributed Generation USA, LLC The patent has been assigned to **TotalEnergies OneTech**

2007323644 Plexxikon, Inc. The patent has been assigned to **Daiichi Sankyo, Inc.**

2009261941 TotalEnergies Distributed Generation USA, LLC The patent has been assigned to **TotalEnergies OneTech**

2009261942 TotalEnergies Distributed Generation USA, LLC The patent has been assigned to **TotalEnergies OneTech**

2009266797 TotalEnergies Distributed Generation USA, LLC The patent has been assigned to **TotalEnergies OneTech**

2010210020 Fred Hutchinson Cancer Research Center The patent has been assigned to **Fred Hutchinson Cancer Center**

2011200456 TotalEnergies Distributed Generation USA, LLC The patent has been assigned to **TotalEnergies OneTech**

2011270276 Ogawa & Co., Ltd.; Suntory Holdings Limited The patent has been assigned to **Suntory Holdings Limited**

2011273423 TotalEnergies Distributed Generation USA, LLC The patent has been assigned to **TotalEnergies OneTech**

2011274272 2236128 Ontario Inc. The patent has been assigned to **Digital Water Solutions Inc.**

2012261476 Fred Hutchinson Cancer Research Center The patent has been assigned to **Fred Hutchinson Cancer Center**

2012266581 Unilever PLC The patent has been assigned to **Unilever IP Holdings B.V.**

2012313094 Merck Sharp & Dohme Corp. The patent has been assigned to **Intervet International B.V.**

2013328653 METON Gravure Technologies, Ltd. The patent has been assigned to **ICR IOANNOU S.A.**

2013360738 Institute of Technology, Tallaght The patent has been assigned to **University College Dublin, National University of Ireland, Dublin**

2013371454 Decoy Biosystems, Inc. The patent has been assigned to **Indaptus Therapeutics, Inc.**

2014236090 Sevident, Inc. The patent has been assigned to **IN-OVIQ Inc.**

2014365823 Asana Biosciences, LLC The patent has been assigned to **ABS Development 1, Inc.**

Assignments Registered

2015258330 TotalEnergies Distributed Generation USA, LLC The patent has been assigned to **TotalEnergies OneTech**

2015277177 Mower, Morton The patent has been assigned to **Rocky Mountain Biphasic, Inc.**

2015294465 Loyalty Based Innovations, LLC The patent has been assigned to **LifeBridge Innovations, PBC**

2016226556 TotalEnergies Distributed Generation USA, LLC The patent has been assigned to **TotalEnergies OneTech**

2016226557 TotalEnergies Distributed Generation USA, LLC The patent has been assigned to **TotalEnergies OneTech**

2016262758 Vitra Patente AG The patent has been assigned to **Vitra AG**

2016274851 Tsuda, Mari The patent has been assigned to **TOYU Co., Ltd.**

2017254821 Plexxikon Inc. The patent has been assigned to **Daiichi Sankyo, Inc.**

2018227449 Skeletal Dynamics LLC The patent has been assigned to **Skeletal Holdings, LLC**

2018271280 FRED HUTCHINSON CANCER RESEARCH CENTER The patent has been assigned to **Fred Hutchinson Cancer Center**

2018271316 Institute of Technology, Tallaght The patent has been assigned to **University College Dublin, National University of Ireland, Dublin**

2019100601 Churchill Nominees Australia Pty. Ltd The patent has been assigned to **TasCollege Administration Pty Ltd**

2019100709 Discover Energy Pty Ltd The patent has been assigned to **One Stop Warehouse Pty Ltd**

2019225717 MyMD Pharmaceuticals (Florida), Inc. The patent has been assigned to **MyMD Pharmaceuticals, Inc.**

2021202296 MyMD Pharmaceuticals (Florida), Inc. The patent has been assigned to **MyMD Pharmaceuticals, Inc.**

Licences Registered - Section 187, Reg. 19

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

2002333220 H. Lundbeck A/S (Lundbeck Australia Pty Ltd)

2007260355 H. Lundbeck A/S (Lundbeck Australia Pty Ltd)

2008323390 H. Lundbeck A/S (Lundbeck Australia Pty Ltd)

2010214956 H. Lundbeck A/S (Lundbeck Australia Pty Ltd)

2011295465 H. Lundbeck A/S (Lundbeck Australia Pty Ltd)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

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.

2009229204 **AstraZeneca AB; Array Biopharma, Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

For the goods KOSELUGO selumetinib

Address for service : Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2014259719 **AnaptysBio, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Feb 2022

For the goods JEMPERLI dostarlimab

Address for service : PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016308262 **Astrazeneca AB**

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods SAPHNELO anifrolumab

Address for service : Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Extensions granted

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

2008214375 **Acceleron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 30 Aug 2021

For the goods REBLOZYL luspatercept

Extension of Term of patent pursuant to Section 77 expires on 04 Feb 2033

2016208313 **Acceleron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 30 Aug 2021

For the goods REBLOZYL luspatercept

Extension of Term of patent pursuant to Section 77 expires on 04 Feb 2033

Corrigenda

In Vol 35 , No 23 , Page(s) 4942 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name China Petroleum & Chemical Corporation; Sinopec Nanjing Chemical Industries Co., Ltd., Application No. 2019372581, under INID (71) correct the co-applicant name to Sinopec Nanjing Research Institute of Chemical Industry Co., Ltd.

In Vol 36 , No 14 , Page(s) 2151 under the heading **Extensions of Term of Standard Patent, Section 70 - Applications Accepted** Under the name Acceleron Pharma Inc., Application No. 2019222789, correct the Earliest first regulatory approval (TGA) date to 30 August 2021

In Vol 36 , No 22 , Page(s) 3101 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Juno Therapeutics, Inc., Application No. 2020379043, under INID (54) correct the title to read Combination of a T cell therapy and (S)-3-[4-(4-morpholin-4-ylmethyl-benzyloxy)-1-oxo-1,3-dihydro-isoindol-2-yl]-piperidine-2,6-dione

Corrigenda

In Vol 36 , No 24 , Page(s) 3404 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Foresee Pharmaceuticals Co., Ltd., Application No. 2020381485, under INID (54) correct the title to read Matrix metalloproteinase (MMP) inhibitors and methods of use thereof

In Vol 36 , No 26 , Page(s) 3748 under the heading **Applications Accepted - Name Index** Delete all reference to 2018290189.

In Vol 36 , No 26 , Page(s) 3755 under the heading **Applications Accepted - Name Index** Delete all reference to 2017383126.

In Vol 36 , No 27 , Page(s) 3796 under the heading **Amendments - Application for Amendments** Under the name The University of North Carolina at Chapel Hill, Application No. 2016371779 correct the date of the statements filed to read 20 June 2022 and 24 June 2022

In Vol 36 , No 8 , Page(s) 1131 under the heading **Applications Accepted - Name Index** Under the name China Petroleum & Chemical Corporation; Sinopec Nanjing Chemical Industries Co., Ltd., Application No. 2019372581, under INID (71) correct the co-applicant name to Sinopec Nanjing Research Institute of Chemical Industry Co., Ltd.

Specifications Republished

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

2016252027	Agbiome, Inc.
2016371252	Breville Pty Limited
2018216827	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2018270400	Security Matters Ltd.
2018293729	Nerviano Medical Sciences S.r.l.
2019372581	China Petroleum & Chemical Corporation; Sinopec Nanjing Research Institute of Chemical Industry Co., Ltd.
2020294269	Mallinckrodt Hospital Products IP Limited
2020402581	Molecular Partners AG