



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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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.

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Technological Resources Pty. Limited [2021] APO 52

Patent Application: 2016347691

Title: Heap Leaching

Patent Applicant: Technological Resources Pty. Limited

Delegate: R Subbarayan

Decision Date: 20 December 2021

Hearing Date: Written submissions filed on 4 October 2021

Catchwords: **PATENTS** – examiner objections – whether claims lack support – whether claims lack inventive step – some claims lack support – some claims lack an inventive step – prior art cited earlier still highly relevant – application referred back to examination section for reassessment

Representation: Patent attorney for the applicant: Griffith Hack

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 14 Dec 2021 .

(71) 3DM Biomedical Pty Ltd (21) 2021904085 (22) 16.12.2021 (54) INTERNAL SURFACE ELCTROCHEMICAL TREATMENT ELECTRODE	(71) Andrawos, E. (21) 2021904003 (22) 10.12.2021 (54) Backpack Aid	(71) Battery Graphene Corp Pty Ltd (21) 2021904117 (22) 17.12.2021 (54) Battery assembly
(71) Ability Innovations Pty Ltd (21) 2021903999 (22) 10.12.2021 (54) Sanitiser Dispenser	(71) Anevski, P. (21) 2021904084 (22) 16.12.2021 (54) Dream Wood Design- Treescape	(71) BioCifer Pty Ltd; The University of the Sunshine Coast; DMTC Limited (21) 2021904060 (22) 14.12.2021 (54) SAMPLE PREPARATION REAGENT
(71) AgResearch (21) 2021904092 (22) 16.12.2021 (54) Modified acyltransferase polynucleotides, polypeptides, and methods of use	(71) Ant Engineering Pty Ltd (21) 2021904142 (22) 20.12.2021 (54) Grader Blade Attachment	(71) Botanix Pharmaceuticals Limited (21) 2021904095 (22) 16.12.2021 (54) CBD Cannabinoids and CBD Cannabinoid Analogues
(71) AGVEST PTY LTD (21) 2021903937 (22) 04.12.2021 (54) 'S' crossing	(71) Applied Electric Vehicles Pty Ltd (21) 2021904064 (22) 14.12.2021 (54) STEERING APPARATUS FOR AN ELECTRIC VEHICLE	(71) Breadman, K. (21) 2021904120 (22) 17.12.2021 (54) COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR FACILITATING RECYCLING OF PACKAGING
(71) AK IP Pty Ltd (21) 2021904068 (22) 15.12.2021 (54) A method of assisted reproduction	(71) ATH (AUSTRALIA) PTY LTD (21) 2021904125 (22) 18.12.2021 (54) SAFE STORAGE OF LIQUID ACIDIC REAGENTS	(71) BRUNNER, H. (21) 2021903991 (22) 09.12.2021 (54) Gait training apparatus
(71) Alcoa of Australia Limited (21) 2021904118 (22) 17.12.2021 (54) Analysis System	(71) ATITOA-BRYANT, J.R.A.K. (21) 2021904133 (22) 20.12.2021 (54) SYSTEM AND METHOD FOR PROVIDING RETAIL PURCHASING OPPORTUNITIES IN REAL-TIME	(71) CALLEN HOLDINGS PTY LIMITED (21) 2021904010 (22) 10.12.2021 (54) Inverter Assembly & Electrical Protection Arrangement therefor
(71) Alzhtec Pty Ltd (21) 2021904071 (22) 15.12.2021 (54) Compositions comprising fungal bioactive compounds, a related apparatus, and methods to treat, ameliorate, or prevent neurodegenerative disorders	(71) Auret, D. (21) 2021903936 (22) 03.12.2021 (54) Thermal Consequence	(71) Cape Bouvard Engineering Pty Ltd (21) 2021904002 (22) 10.12.2021 (54) VEHICLE CHASSIS ARRANGEMENT
(71) Ambetex Pty Ltd (21) 2021904069 (22) 15.12.2021 (54) Compositions and methods for prevention and treatment of cardiovascular disease	(71) Baraja Pty Ltd (21) 2021904111 (22) 17.12.2021 (54) Spatial estimation systems including homodyne optical receivers	(71) CARDIOBIONIC PTY LTD (21) 2021904037 (22) 13.12.2021 (54) Blood Pump with 3 Dimensional Active Electromagnetic Suspension
	(71) Barum Holdings Pty Ltd (21) 2021903934 (22) 03.12.2021 (54) Motorised Retracting Awning	(71) Carter, J. (21) 2021904019 (22) 13.12.2021 (54) Fortune & Brave TNT - (A Casino Game including Table Game; Rapid

Provisional Applications Filed - Name Index cont'd

Game; Electronic Game and Online Game).		(71) FFFAPPS PTY LTD (21) 2021904099 (22) 17.12.2021 (54) Customer Watermark
Central Adelaide Local Health Network Inc see The University of Adelaide (21) 2021904034	(71) Cunningham, S. (21) 2021904066 (22) 14.12.2021 (54) GaN Heterojunction Unipolar Transistor	(71) FISHER & PAYKEL APPLIANCES LIMITED (21) 2021904088 (22) 16.12.2021 (54) IMPROVEMENTS RELATING TO LAUNDRY APPARATUS AND/OR THEIR CONTROL
(71) Clean Seas Seafood Limited (21) 2021904036 (22) 13.12.2021 (54) SOLID DOSAGE FORMS FOR AQUACULTURE	(71) Curtin University (21) 2021904008 (22) 10.12.2021 (54) BILE ACID CONJUGATE	(71) Geobotica Pty Ltd (21) 2021904044 (22) 14.12.2021 (54) Concrete Safety Inspection System
(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021904035 (22) 13.12.2021 (54) Methods and systems for detecting Mycoplasma bovis infection	DMTC Limited see BioCifer Pty Ltd (21) 2021904060	(71) Geomoby Pty Ltd (21) 2021904093 (22) 16.12.2021 (54) Computer Network for Location and Data Transfer
(71) CONTAINER ROTATION SYSTEMS PTY LTD (21) 2021904025 (22) 13.12.2021 (54) A SPREADER FOR USE WITH A REACH STACKER	(71) Donaldson, B. (21) 2021904013 (22) 11.12.2021 (54) Bicycle Steering Aid	(71) Glogala Pty Limited (21) 2021904029 (22) 13.12.2021 (54) Improved apparatus to generate work or energy
(71) CONTAINER ROTATION SYSTEMS PTY LTD (21) 2021904086 (22) 16.12.2021 (54) A SPREADER FOR USE WITH A REACH STACKER	(71) Dower, W. (21) 2021904107 (22) 17.12.2021 (54) Mobile Phone Format	(71) Glogala Pty Limited (21) 2021904031 (22) 13.12.2021 (54) Apparatus to generate work or energy
(71) CosmoAesthetics Pty Ltd (21) 2021904106 (22) 17.12.2021 (54) A wearable transdermal drug delivery device	(71) EARBUDDY PTY LTD (21) 2021904100 (22) 17.12.2021 (54) A DEVICE FOR OPENING AN EUSTACHIAN TUBE OF A PATIENT	(71) Glogala Pty Limited (21) 2021904032 (22) 13.12.2021 (54) Apparatus to generate work or energy
(71) Cripps Clark, J. (21) 2021904017 (22) 12.12.2021 (54) GlobMake : Disclosed are systems of devices, architectures and methods for facilitating processes supporting sustainable global digital economy on multiple distributed devices across diverse jurisdictions and using advanced technologies including AI and IoT/5G/6G and diverse services and risk approaches using diverse concepts of value.	(71) Elkaid, N. (21) 2021904045 (22) 14.12.2021 (54) NITRIFYING AND DENITRIFYING BACTERIA CULTURE FROM AQUATIC LIFE	(71) Grigio Enterprises Pty Ltd (21) 2021904009 (22) 10.12.2021 (54) SYSTEM, DEVICE AND METHOD FOR PRESSURISING A CONTAINER
(71) Croft Medical (21) 2021904108 (22) 17.12.2021 (54) Treating COVID	(71) EMERITUS BIOPHARMACEUTICS PTY LTD (21) 2021904039 (22) 13.12.2021 (54) INTRANASAL ADRENALINE PHARMACEUTICAL FORMULATIONS	(71) Grosset Winery Pty Ltd; Rogers, A. (21) 2021903992 (22) 09.12.2021 (54) Wine Capsule Improvements
(71) Cubis Systems (21) 2021904065 (22) 14.12.2021 (54) Method and apparatus for connecting a pipe to pit or a wall	(71) EMERITUS BIOPHARMACEUTICS PTY LTD (21) 2021904040 (22) 13.12.2021 (54) CANNABIDIOL FOR THE TREATMENT OF SCIATICA AND OTHER NERVE PAIN	(71) HALTER USA INC (21) 2021904052 (22) 14.12.2021 (54) APPARATUS TO GUIDE ANIMALS AND METHOD THEREFOR
(71) Culley, T. (21) 2021904083 (22) 16.12.2021 (54) Enclosure for a Visible Break Isolator	(71) Euclidean Holographics Pty Ltd (21) 2021904072 (22) 15.12.2021 (54) A THREE-DIMENSIONAL IMAGE DISPLAY SYSTEM	(71) Harvest Road Oceans Pty Ltd (21) 2021904053 (22) 14.12.2021 (54) A method
	(71) EZCONN CORPORATION, LTD (21) 2021904074 (22) 15.12.2021 (54) ISOLATOR	(71) Holmes Solutions Limited Partnership (21) 2021903998 (22) 10.12.2021 (54) A COUPLING SYSTEM, COUPLER TOOLS AND METHODS OF USE THEREOF
	(71) Faulkner, A.; Lemm, A. (21) 2021904097 (22) 17.12.2021 (54) Ammonia combustion process	

Provisional Applications Filed - Name Index cont'd

(71) HUDSON, D.
(21) 2021904051 (22) 14.12.2021
(54) A ROAD SAFETY BARRIER INSTALLER, SYSTEM AND RELATED METHODS

(71) Hunwick, R.
(21) 2021904096 (22) 16.12.2021
(54) Direct carbon capture

(71) HydroVim IP Pty Ltd
(21) 2021904094 (22) 16.12.2021
(54) Balcony Edge Drainage System

(71) ImmVirX Pty Ltd
(21) 2021903988 (22) 09.12.2021
(54) Oncolytic viruses and uses thereof

(71) ImmVirX Pty Ltd
(21) 2021903989 (22) 09.12.2021
(54) Oncolytic viruses as therapeutic agents for treating cancer

(71) ImmVirX Pty Ltd
(21) 2021903990 (22) 09.12.2021
(54) Oncolytic viruses as therapeutic agents for treating cancer

(71) Inception Labs Ltd
(21) 2021904043 (22) 14.12.2021
(54) INTEGRATED NUTRITION ITEM PROCUREMENT AND VENUE ACCESS CONTROL PLATFORM

(71) ISWIRL PTY LTD
(21) 2021904050 (22) 14.12.2021
(54) Solar powered roof ventilator

(71) Kane, B.; KANE, C.
(21) 2021903997 (22) 10.12.2021
(54) Toy Dirt Bike Track

KANE, C. see Kane, B.
(21) 2021903997

KAPLUN, P. see KAPLUN, G.
(21) 2021904116

KAPLUN, P. see KAPLUN, G.
(21) 2021904116

(71) KAPLUN, G.; KAPLUN, P.; KAPLUN, P.
(21) 2021904116 (22) 17.12.2021
(54) Universal Crank Module Assembly and Applications

(71) KC8 CAPTURE TECHNOLOGIES LTD
(21) 2021904001 (22) 10.12.2021
(54) A PROCESS AND PLANT

(71) K F Group Pty Ltd
(21) 2021904075 (22) 15.12.2021
(54) Wear Sensor

(71) K F Group Pty Ltd
(21) 2021904076 (22) 15.12.2021
(54) Wear Sensor

(71) K F Group Pty Ltd
(21) 2021904113 (22) 17.12.2021
(54) System and Method for Wear Monitoring and Analysis

(71) Kinetic Slings Pty Ltd
(21) 2021904012 (22) 11.12.2021
(54) POSTURAL DEVICES AND MUSCLE SLING DEVICES AND METHODS FOR BODY MECHANICS TREATMENT

(71) King, R.
(21) 2021904079 (22) 15.12.2021
(54) COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR DETERMINING EDUCATIONAL PROFICIENCY AND LEARNING DISABILITIES

Latham, V. see Stevens, A.
(21) 2021904112

Lemm, A. see Faulkner, A.
(21) 2021904097

Lipscombe, P. see Lipscombe, G.
(21) 2021904129

(71) Lipscombe, G.; Lipscombe, P.
(21) 2021904129 (22) 19.12.2021
(54) The Pillow Slipper is a device designed for the purpose of simplifying the insertion of a standard sized pillow into a pillow slip. It may be utilised in a full range of commercial establishments, including hotels, motels, hospitals, nursing homes and cruise liners, through to domestic usage.

(71) Magic Wavelength Pty Ltd
(21) 2021904124 (22) 17.12.2021
(54) Diagnostic Instrument

(71) Majkic, B.
(21) 2021904014 (22) 11.12.2021
(54) "Tara" Building Block

(71) mapika, e.
(21) 2021903995 (22) 09.12.2021
(54) Generating and storing energy through the use of physical exercise equipment

(71) Marcus, J.
(21) 2021904123 (22) 17.12.2021
(54) A novel device for storing and dispensing of pre-made commercially available icing.

(71) MBGSHOLDINGS PTY LTD
(21) 2021904078 (22) 15.12.2021
(54) INTEGRATED AIR-CONDITIONING CIRCUIT AND CO2 REFRIGERATION SYSTEM INCORPORATING SAME

(71) McRAE, B.
(21) 2021904098 (22) 17.12.2021
(54) DABRICK-A2

(71) Mickle, J.
(21) 2021904048 (22) 14.12.2021
(54) Bromoform-Producing Transgenic Plants

(71) MICROFIELD GLOBAL PTY LTD
(21) 2021904091 (22) 16.12.2021
(54) METHOD, SYSTEMS, APPARATUSES AND DEVICES FOR CARDIAC TISSUE CHARACTERIZATION AND ABLATION USING REVERSIBLE ELECTROPORATION AND ELECTROLYSIS

(71) Middlemas, J.
(21) 2021904122 (22) 17.12.2021
(54) Playsafe

(71) Minappi Pty Ltd
(21) 2021904115 (22) 17.12.2021
(54) Garment

(71) Minelab Electronics Pty. Limited
(21) 2021904000 (22) 10.12.2021
(54) A CONNECTOR

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(54) A CAR WASH SYSTEM

(71) Monash University
(21) 2021904062 (22) 14.12.2021
(54) Porous Interlayer

(71) Monash University
(21) 2021904063 (22) 14.12.2021
(54) AN APPARATUS FOR SEPARATING MICRO-SWIMMERS

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(71) Monash University (21) 2021904104 (22) 17.12.2021 (54) Method and Apparatus	(71) Prospectors IP Holdings Pty Ltd (21) 2021904047 (22) 14.12.2021 (54) Core tray	(71) Royal Melbourne Institute of Technology (21) 2021904006 (22) 10.12.2021 (54) Methods, Systems, Devices and Neural Networks for Forecasting a Time Series
(71) Montesalvo, A. (21) 2021904028 (22) 13.12.2021 (54) Retaining wall	(71) Proxima Concepts Limited (21) 2021904038 (22) 13.12.2021 (54) IMMUNOMODULATOR COMPOSITIONS	Rubicon Water see The University of Melbourne (21) 2021904049
(71) Moshonas, G. (21) 2021904073 (22) 15.12.2021 (54) METHOD AND SYSTEM FOR SANITISATION OF MEDICAL EQUIPMENT	(71) Puhule Gamayalage, Y. (21) 2021904082 (22) 16.12.2021 (54) Automated Hand Injury Assessment & Treatment Device	(71) RVT GROUP AUSTRALIA PTY LTD (21) 2021904101 (22) 17.12.2021 (54) A DUST HEPA FILTRATION DEVICE FOR WET AND DRY USE
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(71) Ography Pty Ltd (21) 2021904109 (22) 17.12.2021 (54) FOLDABLE CONTAINER	(71) Rehabswift Pty Ltd (21) 2021904114 (22) 17.12.2021 (54) BIONIC HAND	(71) Scolaro, A. (21) 2021904011 (22) 10.12.2021 (54) A Power Drive
(71) Outram, S. (21) 2021904024 (22) 13.12.2021 (54) A smartphone app connecting practitioners and customers.	(71) Rembiotics Pty Ltd (21) 2021904070 (22) 15.12.2021 (54) Compositions comprising fungal bioactive compounds, and related apparatus and methods to treat, ameliorate, or prevent depression	(71) Scolaro, A. (21) 2021904015 (22) 12.12.2021 (54) A Power Drive
(71) Patel, H. (21) 2021904016 (22) 12.12.2021 (54) Business Process to Improve Consumer Buying Power	(71) ResMed Pty Ltd (21) 2021903996 (22) 10.12.2021 (54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME	(71) Scolaro, A. (21) 2021904127 (22) 18.12.2021 (54) A Power Drive
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(71) Shelley, A.; Shelley, D.; Shelley, M.; Shelley, D.
(21) 2021904026 (22) 13.12.2021
(54) Process and apparatus for the manufacture of an aqueous solution of magnesium bicarbonate

(71) Shepherd, J.
(21) 2021904022 (22) 13.12.2021
(54) ColourMakesItClear

(71) Shiels, G.A.; Thompson, M.A.
(21) 2021904030 (22) 13.12.2021
(54) GREYWATER RECOVERY SYSTEM

(71) Signature Orthopaedics Europe Ltd
(21) 2021904103 (22) 17.12.2021
(54) Dual-mobility hip prosthesis

(71) Signature Orthopaedics Europe Ltd
(21) 2021904105 (22) 17.12.2021
(54) Configurable revision acetabular prosthesis

(71) Sobey, R.
(21) 2021904121 (22) 17.12.2021
(54) Wire Pallet

(71) Steve Mallinson Christchurch Limited
(21) 2021904023 (22) 13.12.2021
(54) COMPACT LOCKING DEVICE

(71) Stevens, A.; Latham, V.
(21) 2021904112 (22) 17.12.2021
(54) A HOLDER FOR VESSELS

(71) Subcon Technologies Pty Ltd
(21) 2021904058 (22) 14.12.2021
(54) ARTIFICIAL REEF ARRANGEMENT AND MODULE FOR AN ARTIFICIAL REEF

(71) TBS Mining Solutions Pty Ltd
(21) 2021904057 (22) 14.12.2021
(54) APPARATUS AND METHOD FOR SUPPORTING A COLLAR REGION OF A BLAST HOLE DURING DRILLING

(71) The Udder Way I.P. Pty Ltd
(21) 2021904055 (22) 14.12.2021
(54) Container, keg, system and method for storing and dispensing a beverage

(71) The University of Adelaide; University of South Australia; Central Adelaide Local Health Network Inc
(21) 2021904034 (22) 13.12.2021
(54) Targeting of mutant CALR protein

(71) The University of Melbourne
(21) 2021903993 (22) 09.12.2021
(54) Modified butyrophilin and butyrophilin complexes

(71) The University of Melbourne
(21) 2021903994 (22) 09.12.2021
(54) Modified T cell receptors and uses thereof

(71) The University of Melbourne; Rubicon Water
(21) 2021904049 (22) 14.12.2021
(54) METHODS AND SYSTEMS FOR CLASSIFYING AND BENCHMARKING IRRIGATION PERFORMANCE

(71) The University of Sydney
(21) 2021904067 (22) 15.12.2021
(54) Modulators of the oxytocin receptor

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(21) 2021904060

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(21) 2021904030

(71) TITO, P.
(21) 2021904090 (22) 16.12.2021
(54) Soakwell sediment control apparatus

(71) Tucker, M.
(21) 2021904081 (22) 15.12.2021
(54) Uber Smokes

(71) Tuhinga Pty Ltd
(21) 2021904080 (22) 15.12.2021
(54) CRICKET TRAINER

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(21) 2021904034

(71) Vater, L.
(21) 2021904054 (22) 14.12.2021
(54) AN IMPROVED RAIL CLAMP

(71) Welter Giraldes, E.
(21) 2021904130 (22) 19.12.2021
(54) Electric power supply off the shelf - safe, standard, pre-made and testable electrical power supply

(71) WiseTech Global Limited
(21) 2021904134 (22) 20.12.2021
(54) Automated Classification Pipeline

(71) Work Air Technologies Pty Ltd
(21) 2021904033 (22) 13.12.2021
(54) AUTOMOTIVE SNORKEL INCORPORATING AN AIR FILTRATION SYSTEM

(71) Yona Pty Ltd
(21) 2021904004 (22) 10.12.2021
(54) Modular Support Frame

(71) ZEROJET LIMITED
(21) 2021904020 (22) 13.12.2021
(54) A REVERSABLE JET POWERED WATERCRAFT AND A REVERSABLE JET UNIT OR OF FOR SUCH

(71) Zubonja, A.
(21) 2021904126 (22) 18.12.2021
(54) a laundromat pimp

(71) Zubonja, A.
(21) 2021904128 (22) 19.12.2021
(54) laundromat life

(71) Zubonja, A.
(21) 2021904131 (22) 19.12.2021
(54) MR LARRY JUNE

(71) Zubonja, A.
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(54) LARRY JUNE

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Applications listed below were processed through the Patent Office Canberra during the period ending 14 Dec 2021 .

. (*) Title not in Roman characters

. (**) Title not given

<p>(71) 10X Genomics, Inc. (21) 2021286337 (22) 15.12.2021 (54) SYSTEMS AND METHODS FOR VISUALIZING STRUCTURAL VARIATION AND PHASING INFORMATION (62) 2016206706</p>	<p>(71) ALSTOM Transport Technologies (21) 2021286256 (22) 13.12.2021 (54) Method, system, computer-readable medium comprising software code for estimating parameters of railway track circuits, and related track circuit (31) 17/123,055 (32) 15.12.20 (33) US</p>	<p>(54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER (62) 2019264666</p>
<p>(71) ABB Schweiz AG (21) 2021286242 (22) 13.12.2021 (54) A method for determining the operating status of a MV switching apparatus of the electromagnetic type (62) 2015376216</p>	<p>(71) AMDT Holdings, Inc. (21) 2021286343 (22) 15.12.2021 (54) External bone fixation systems (62) 2020200044</p>	<p>(71) Attenti Electronic Monitoring Ltd (21) 2021286318 (22) 15.12.2021 (54) Low energy mutual detection of nearby short range transceivers (31) 288494 (32) 28.11.21 (33) IL</p>
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<p>(71) Abraxis Bioscience, LLC (21) 2021286245 (22) 13.12.2021 (54) Methods of treating epithelioid cell tumors (62) 2016285720</p>	<p>(71) Angel Group Co., Ltd. (21) 2021286299 (22) 14.12.2021 (54) Management system (31) 2020-207691 (32) 15.12.20 (33) JP 2021-015270 02.02.21 JP</p>	<p>(71) Bartec Benke GmbH (21) 2021286363 (22) 16.12.2021 (54) Apparatus for Conveying a Medium, Preferably Milk (31) 102020007971.7 (32) 23.12.20 (33) DE</p>
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(54) Methods of treating inflammatory diseases
(62) 2016215535

(71) Bombardier Transportation GmbH
(21) 2021286380 (22) 16.12.2021
(54) Controlled roof drainage via the bellows
(31) EP20217464.5 (32) 28.12.20 (33) EP

(71) Bripco BVBA
(21) 2021286252 (22) 13.12.2021
(54) Data centre cooling system
(62) 2020205286

(71) BROLOCK PTY LTD
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(71) BXB Digital Pty Limited
(21) 2021286364 (22) 16.12.2021
(54) SYSTEMS AND METHODS FOR TRACKING GOODS CARRIERS
(62) 2018353840

(71) Cancer Research Technology Limited
(21) 2021286241 (22) 13.12.2021
(54) Method for treating cancer
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(71) CAN Technologies, Inc.
(21) 2021286398 (22) 16.12.2021
(54) DISSOLVABLE MICRO-INGREDIENT CONTAINERS AND METHODS FOR PREPARING ANIMAL FEEDS USING SUCH CONTAINERS
(62) 2017255496

(71) Cantor Index LLC
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(71) Celator Pharmaceuticals, Inc.
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(54) Improved nanoparticle delivery systems
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(71) CHEP Technology Pty Limited
(21) 2021286361 (22) 16.12.2021
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(71) Chevron U.S.A. Inc.
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(54) System and method for thermal destruction of undesired substances by smoldering combustion
(62) 2018276170

(71) Children's Hospital Medical Center
(21) 2021286289 (22) 14.12.2021
(54) Colonic organoids and methods of making and using same
(62) 2017373767

(71) Clarkson University
(21) 2021286268 (22) 14.12.2021
(54) Enhanced contact electrical discharge plasma reactor for liquid and gas processing
(62) 2020203982

(71) Cold Forged Products No. 1 Pty Limited
(21) 2021286308 (22) 14.12.2021
(54) Rail clamp

(71) ConforMIS, Inc.
(21) 2021286392 (22) 16.12.2021
(54) Patient selectable joint arthroplasty devices and surgical tools
(62) 2020201305

(71) Cook Medical Technologies LLC
(21) 2021286428 (22) 17.12.2021
(54) AN ENDOGRAFT SYSTEM HAVING A DEPLOYMENT DEVICE AND A STENT-GRAFT ASSEMBLY

(71) Credo Diagnostics Biomedical Pte. Ltd.
(21) 2021286304 (22) 14.12.2021
(54) ANALYSIS CARTRIDGE
(31) 110120577 (32) 07.06.21 (33) TW

(71) Cripps Clark, J.
(21) 2021286396 (22) 16.12.2021
(54) FlowMake : systems of devices, architectures and methods for marketing of transaction bandwidth packages servicing reliable, secure and sustainable digital enterprise by diverse public users, including private enterprise, and where necessary purchasing and selling access packages to/from other digital economic platform systems ensuring an ongoing efficient reliable, secure contractable service by the platform's users with regulators able to monitor operation of the platform, ensure the sustainable health of the infrastructure, digital economies and society it is resourcing.
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(71) CROWN EQUIPMENT CORPORATION
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(71) Daiichi Sankyo Company, Limited
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(62) 2016293291

(71) DePuy Ireland Unlimited Company
(21) 2021286311 (22) 15.12.2021
(54) A surgical rotational cutting tool
(62) 2018220755

(71) Dicerna Pharmaceuticals, Inc.
(21) 2021286295 (22) 14.12.2021
(54) Therapeutic Inhibition of Lactate Dehydrogenase and Agents Therefor
(62) 2015330670

DSX Holdings Limited see Accenture Global Solutions Limited
(21) 2021286373

(71) eleXsys IP Pty Ltd
(21) 2021286375 (22) 16.12.2021
(54) Electrical supply system
(62) 2019204551

(71) Elixirgen Therapeutics, Inc.
(21) 2021286335 (22) 15.12.2021
(54) Methods of using Zscan4 for rejuvenating human cells
(62) 2019229444

(71) eSAT Global Inc.
(21) 2021286359 (22) 16.12.2021
(54) Low data volume satellite communication system
(62) 2018320874

(71) eSAT Global Inc.
(21) 2021286362 (22) 16.12.2021
(54) Low data volume satellite communication system
(62) 2018320874

(71) eSAT Global Inc.
(21) 2021286366 (22) 16.12.2021
(54) Low data volume satellite communication system
(62) 2018320874

Complete Applications Filed - Name Index cont'd

(71) Evonik Operations GmbH
(21) 2021286322 (22) 15.12.2021
(54) ACRYLATE-OLEFIN COPOLYMERS
AS HIGH VISCOSITY BASE FLUIDS

(71) EZZ Life Science Holdings Pty Ltd
(21) 2021286305 (22) 14.12.2021
(54) Kit for detecting reproductive system
diseases
(31) 202011481340.2 (32) 15.12.20 (33) CN

(71) FFI Ionix IP, Inc.
(21) 2021286386 (22) 16.12.2021
(54) Extruded thin wall polyether block
amide membrane tubing and module
(31) 63/126,511 (32) 16.12.20 (33) US

(71) Finicity Corporation
(21) 2021286329 (22) 15.12.2021
(54) Systems and methods for managing fin-
ancial transaction information
(62) 2019279995

(71) Fisher & Paykel Healthcare Limited
(21) 2021286274 (22) 14.12.2021
(54) SEAL FOR A PATIENT INTERFACE,
INTERFACE ASSEMBLIES AND AS-
PECTS THEREOF
(62) 2019204257

(71) Fisher & Paykel Healthcare Limited
(21) 2021286331 (22) 15.12.2021
(54) Humidification chamber and chamber
seal for a respiratory assistance appar-
atus
(62) 2017261121

**Fraunhofer Gesellschaft zur Förderung
der Angewandten Forschung e.V. see
Friedrich-Alexander-Universität Erlan-
gen-Nuernberg**
(21) 2021286307

(71) Fraunhofer Gesellschaft zur Förderung
der Angewandten Forschung e.V.;
Friedrich-Alexander-Universität Erlan-
gen-Nuernberg
(21) 2021286309 (22) 14.12.2021
(54) Parameter encoding and decoding
(62) 2020291190

(71) Friedrich-Alexander-Universität Erlan-
gen-Nuernberg; Fraunhofer Gesell-
schaft zur Förderung der Angewandten
Forschung e.V.
(21) 2021286307 (22) 14.12.2021
(54) Parameter encoding and decoding
(62) 2020291190

**Friedrich-Alexander-Universität Erlan-
gen-Nuernberg see Fraunhofer Gesell-**

**schaft zur Förderung der Angewandten
Forschung e.V.**
(21) 2021286309

(71) Globe (Jiangsu) Co., Ltd.
(21) 2021286306 (22) 14.12.2021
(54) ELECTRIC VEHICLE
(31) 202011550948.6 (32) 24.12.20 (33) CN

(71) Glycosynnovations Pty Ltd
(21) 2021286254 (22) 13.12.2021
(54) Therapeutic agents and methods of
producing same
(62) 2017341671

(71) Gregory, S.
(21) 2021286350 (22) 16.12.2021
(54) A Shellfish
(31) 779419 (32) 25.08.21 (33) NZ

(71) HeliMods Pty Ltd
(21) 2021286388 (22) 16.12.2021
(54) STRETCHER LOADING ASSEMBLY
(62) 2019240592

**Helmholtz Center for Infection Research
see The Governors of the University of Al-
berta**
(21) 2021286317

(71) Henke-Sass, Wolf GmbH
(21) 2021286334 (22) 15.12.2021
(54) Device for applying a fluid
(31) 10 2020 134 181.4 (32) 18.12.20 (33) DE

(71) Herman Miller, Inc.
(21) 2021286326 (22) 15.12.2021
(54) Seating structure with a contoured flex-
ible backrest
(62) 2019206058

(71) HONEYWELL INTERNATIONAL INC.
(21) 2021286376 (22) 16.12.2021
(54) DETECTING PATH FAULTS IN PAR-
ALLEL REDUNDANCY PROTOCOL
COMMUNICATIONS
(31) 17/137,035 (32) 29.12.20 (33) US

(71) Honor Device Co., Ltd.
(21) 2021286393 (22) 16.12.2021
(54) Speech recognition method, speech
wakeup apparatus, speech recognition
apparatus, and terminal
(62) 2019268131

(71) Illumina Cambridge Limited
(21) 2021286342 (22) 15.12.2021
(54) Sequencing from multiple primers to in-
crease data rate and density
(62) 2015341568

(71) I-Mab Biopharma US Limited
(21) 2021286338 (22) 15.12.2021
(54) FUSION PROTEINS CONTAINING
CD47 ANTIBODIES AND CYTOKINES
(62) 2018363479

(71) Industrial Galvanizers Corporation Pty
Ltd
(21) 2021286244 (22) 13.12.2021
(54) A WIRE ROPE OR CABLE SAFETY
BARRIER SYSTEM TYPICALLY FOR
ROADSIDE USE
(62) 2020202439

(71) Industrial Galvanizers Corporation Pty
Ltd
(21) 2021286296 (22) 14.12.2021
(54) POST SUPPORT FOR SAFETY BAR-
RIER

(71) Insitu, Inc.
(21) 2021286323 (22) 15.12.2021
(54) Jet pump spool valve
(31) 63/127,796 (32) 18.12.20 (33) US
17/521,492 08.11.21 US

**Institute for Research in Biomedicine (IRB)
see Regeneron Pharmaceuticals, Inc.**
(21) 2021286279

(71) Interscope, Inc.
(21) 2021286327 (22) 15.12.2021
(54) INSERTABLE ENDOSCOPIC INSTRU-
MENT FOR TISSUE REMOVAL
(62) 2019271997

(71) Invinity Energy Systems (Canada) Cor-
poration
(21) 2021286358 (22) 16.12.2021
(54) ELECTRODE ASSEMBLY AND FLOW
BATTERY WITH IMPROVED ELEC-
TROLYTE DISTRIBUTION
(62) 2016357283

(71) Itron, Inc.
(21) 2021286291 (22) 14.12.2021
(54) Message broadcasting based on trust
levels and resource limitations in a
mesh network
(31) 17/125,701 (32) 17.12.20 (33) US

(71) J.C. Bamford Excavators Limited
(21) 2021286290 (22) 14.12.2021
(54) A CARRIAGE ASSEMBLY
(31) 2020159.6 (32) 18.12.20 (33) GB

(71) Jolly, R.
(21) 2021286258 (22) 13.12.2021
(54) Vacuum Grain Drying Apparatus
(31) 63/138,620 (32) 18.01.21 (33) US

Complete Applications Filed - Name Index cont'd

(71) Just, Inc.
(21) 2021286368 (22) 16.12.2021
(54) Functional mung bean-derived compositions
(62) 2017220193

(71) Karyopharm Therapeutics Inc.
(21) 2021286266 (22) 14.12.2021
(54) Polymorphs of selinexor
(62) 2020203246

(71) KEY PHARMA BIOMEDICAL INC.
(21) 2021286257 (22) 13.12.2021
(54) New Kaurane analogues, their preparation and therapeutically uses

(71) Koekstone IP Pty Ltd
(21) 2021286248 (22) 13.12.2021
(54) A Swivelling Joint
(62) 2019268115

(71) Koninklijke Douwe Egberts B.V.
(21) 2021286346 (22) 15.12.2021
(54) System for heating and frothing a beverage, device for use in such a system and method of preparing a beverage using such a system
(62) 2016286167

(71) Koninklijke Douwe Egberts B.V.
(21) 2021286348 (22) 15.12.2021
(54) System for heating and frothing a beverage, device for use in such a system and method of preparing a beverage using such a system
(62) 2016286167

(71) KUBOTA CORPORATION
(21) 2021286243 (22) 13.12.2021
(54) Front guard and work vehicle
(31) 17/156,965 (32) 25.01.21 (33) US

(71) LG ELECTRONICS INC.
(21) 2021286332 (22) 15.12.2021
(54) REFRIGERATOR
(31) 10-2021-0003647 (32) 11.01.21 (33) KR

(71) Line-X LLC
(21) 2021286316 (22) 15.12.2021
(54) Thin film aliphatic polyurea and system
(62) 2018357957

Ludwig Institute for Cancer Research Ltd.
see Acceleron Pharma, Inc.
(21) 2021286240

(71) Magic Leap, Inc.
(21) 2021286370 (22) 16.12.2021

(54) Continuous time warp and binocular time warp for virtual and augmented reality display systems and methods
(62) 2017314940

(71) Magic Leap, Inc.
(21) 2021286374 (22) 16.12.2021
(54) Beam angle sensor in virtual/augmented reality system
(62) 2017207827

MALUVA ENGINEERING see SMEDLEY'S ENGINEERS PTY LTD
(21) 2021286286

(71) Manitou Italia S.r.l.
(21) 2021286313 (22) 15.12.2021
(54) Telehandler with facilitated alignment adjustment
(31) 10202000032828 (32) 30.12.20 (33) IT

(71) Manitou Italia S.r.l.
(21) 2021286314 (22) 15.12.2021
(54) Improved electric telehandler
(31) 10202000032532 (32) 28.12.20 (33) IT

(71) Manuplex Holdings Pty Ltd
(21) 2021286382 (22) 16.12.2021
(54) Sealed Hopper and Pump Assembly
(31) 2021901697 (32) 08.06.21 (33) AU

(71) Massachusetts Institute of Technology
(21) 2021286269 (22) 14.12.2021
(54) SYSTEMS AND METHODS FOR SYNTHESIZING CHEMICAL PRODUCTS, INCLUDING ACTIVE PHARMACEUTICAL INGREDIENTS
(62) 2019268159

(71) Melinta Subsidiary Corp.
(21) 2021286284 (22) 14.12.2021
(54) ANTIMICROBIAL COMPOSITIONS WITH EFFERVESCENT AGENTS
(62) 2020256457

(71) Minetek Investments Pty Ltd
(21) 2021286391 (22) 16.12.2021
(54) Improvements in Fans
(62) 2019250270

(71) MONEY, K.
(21) 2021286263 (22) 14.12.2021
(54) IMPROVED HAIRPIECE
(31) 771757 (32) 07.01.21 (33) NZ

(71) New Pig Corporation
(21) 2021286371 (22) 16.12.2021
(54) SPILL RISK ASSESSMENT FOR LIQUID STORAGE FACILITIES
(62) 2017348167

(71) New South Wales Health Pathology Institute of Clinical Pathology and Medical Research (ICPMR); University of Sydney, T.; Western Sydney Local Health District; The Westmead Institute for Medical Research
(21) 2021286255 (22) 13.12.2021
(54) Adoptive T Cell therapy 2
(62) 2018288386

(71) Novartis AG
(21) 2021286278 (22) 14.12.2021
(54) Methods for treating ocular diseases
(62) 2019235577

(71) Novartis AG
(21) 2021286281 (22) 14.12.2021
(54) 6-6 Fused Bicyclic Heteroaryl Compounds and their use as LATS inhibitors
(62) 2018260495

(71) Nunhems B.V.
(21) 2021286251 (22) 13.12.2021
(54) Tomato Variety NUN 09282 TOF
(31) 63/125,242 (32) 14.12.20 (33) US

(71) Nunhems B.V.
(21) 2021286324 (22) 15.12.2021
(54) Tomato Variety NUN 09325 TOF
(31) 63/125,217 (32) 14.12.20 (33) US

(71) Nunhems B.V.
(21) 2021286325 (22) 15.12.2021
(54) Tomato Variety NUN 09321 TOF
(31) 63/125,228 (32) 14.12.20 (33) US

(71) NuVasive, Inc.
(21) 2021286300 (22) 14.12.2021
(54) SYSTEMS AND METHODS FOR FACILITATING SPINE SURGERY
(62) 2021209290

(71) NUVERA FUEL CELLS, LLC
(21) 2021286347 (22) 15.12.2021
(54) Flow fields for use with an electrochemical cell
(62) 2020200913

(71) Optimum Tracker
(21) 2021286249 (22) 13.12.2021
(54) Solar Array with Reference Solar Power Plant for Improved Management
(62) 2016384444

(71) Optis Wireless Technology, LLC
(21) 2021286357 (22) 16.12.2021
(54) Control channel signaling using a common signaling field for transport format and redundancy version
(62) 2019279944

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(71) Orano Mining
 (21) 2021286292 (22) 14.12.2021
 (54) PROCESS FOR STRIPPING URANIUM CONTAINED IN A SOLVENT
 (31) 2013517 (32) 17.12.20 (33) FR

(71) Orthopediatrics Corp.
 (21) 2021286379 (22) 16.12.2021
 (54) Tether clamp and implantation system
 (62) 2020201123

(71) Oval Medical Technologies Limited
 (21) 2021286389 (22) 16.12.2021
 (54) Autoinjector with retracting needle
 (62) 2016367252

(71) Oxford BioDynamics PLC
 (21) 2021286282 (22) 14.12.2021
 (54) CHROMOSOME CONFORMATION MARKERS OF PROSTATE CANCER AND LYMPHOMA
 (62) 2020268861

(71) Oxford BioDynamics PLC
 (21) 2021286283 (22) 14.12.2021
 (54) CHROMOSOME CONFORMATION MARKERS OF PROSTATE CANCER AND LYMPHOMA
 (62) 2020268861

(71) Pentax of America, Inc.
 (21) 2021286271 (22) 14.12.2021
 (54) Cryogenic ablation system with rotatable and translatable catheter
 (62) 2017267476

(71) Pharmacyclics LLC
 (21) 2021286264 (22) 14.12.2021
 (54) Use of inhibitors of Bruton's tyrosine kinase (Btk)
 (62) 2019229398

(71) Precision Planting LLC
 (21) 2021286267 (22) 14.12.2021
 (54) Agricultural trench depth systems, methods, and apparatus
 (62) 2017219890

(71) Profil Met Sp. J. Jasinski, Leiter
 (21) 2021286261 (22) 13.12.2021
 (54) A RADIO COMMUNICATION REPEATER, A RADIO COMMUNICATION SYSTEM AND METHOD
 (62) 2017297799

(71) Reeves, J.
 (21) 2021286246 (22) 13.12.2021
 (54) VEHICLE LIGHT
 (62) 2021204834

(71) Regeneron Pharmaceuticals, Inc.; Yale University; Institute for Research in Biomedicine (IRB)
 (21) 2021286279 (22) 14.12.2021
 (54) Genetically modified non-human animals expressing human EPO
 (62) 2015264427

(71) Regeneron Pharmaceuticals, Inc.
 (21) 2021286369 (22) 16.12.2021
 (54) NON-HUMAN ANIMALS HAVING A HUMANIZED CLUSTER OF DIFFERENTIATION 274 GENE
 (62) 2015360667

(71) Renaissance Learning, Inc.
 (21) 2021286365 (22) 16.12.2021
 (54) INTERACTIVE ORGANIZATION OF COMMENTS ON AN ONLINE SOCIAL PLATFORM
 (62) 2019268059

(71) RYAN NT INTERNATIONAL PTY LTD
 (21) 2021286349 (22) 15.12.2021
 (54) CLOSING WHEEL SYSTEM FOR A SEEDER UNIT

(71) S.A Investment ApS
 (21) 2021286303 (22) 14.12.2021
 (54) Lighting fitting with strips for assembly and disassembly
 (31) BA 2020 00133 (32) 15.12.20 (33) DK

(71) Sangamo Therapeutics, Inc.
 (21) 2021286340 (22) 15.12.2021
 (54) Compositions For Linking DNA-Binding Domains And Cleavage Domains
 (62) 2020203792

(71) SAP SE
 (21) 2021286319 (22) 15.12.2021
 (54) Machine learning on distributed customer data while protecting privacy
 (62) 2019283803

(71) Sawatsky, A.
 (21) 2021286285 (22) 14.12.2021
 (54) Land Leveler Implement with Bottom-Finned Working Blade
 (31) 17/126,846 (32) 18.12.20 (33) US

(71) Schneider Electric Industries SAS
 (21) 2021286272 (22) 14.12.2021
 (54) MULTIPOINT ETHERNET BUS
 (31) 20306563.6 (32) 15.12.20 (33) EP

(71) Schneider Electric Industries SAS
 (21) 2021286275 (22) 14.12.2021
 (54) METHOD FOR MANAGING THE DISPLAY OF AT LEAST ONE INFORMA-

TION ITEM, AND ASSOCIATED COMPUTER PROGRAM PRODUCT, INFORMATION MEDIUM AND DISPLAY SYSTEM
 (31) 2013371 (32) 16.12.20 (33) FR

(71) Schneider Electric Industries SAS
 (21) 2021286277 (22) 14.12.2021
 (54) METHOD FOR CONFIGURING AND DISPLAYING, IN AUGMENTED OR MIXED OR EXTENDED REALITY, THE INFORMATION RELATING TO EQUIPMENT INSTALLED IN A REAL SITE, AND ASSOCIATED COMPUTER PROGRAM PRODUCT AND ELECTRONIC DEVICE
 (31) 2013372 (32) 16.12.20 (33) FR

(71) SEWON CELLONTECH CO., LTD.
 (21) 2021286330 (22) 15.12.2021
 (54) PREPARATION METHOD AND USAGE METHOD FOR CARTILAGE TISSUE RECOVERY COLLAGEN
 (62) 2017418178

(71) Shopify Inc.
 (21) 2021286354 (22) 16.12.2021
 (54) SYSTEMS AND METHODS FOR GENERATING ACCOUNT PERMISSIONS BASED ON APPLICATION PROGRAMMING INTERFACE INTERACTIONS
 (31) 21207302.7 (32) 09.11.21 (33) EP
 17/168,675 05.02.21 US

(71) SMEDLEY'S ENGINEERS PTY LTD; MALUVA ENGINEERING
 (21) 2021286286 (22) 14.12.2021
 (54) METHOD AND APPARATUS FOR MEASURING AND LOGGING THE PERFORMANCE OF A VEHICLE SUSPENSION SYSTEM
 (62) 2020202463

(71) Snap-on Incorporated
 (21) 2021286239 (22) 13.12.2021
 (54) FRAME FOR DISPLAY ASSEMBLY
 (31) 17/143,565 (32) 07.01.21 (33) US

(71) Snap-on Incorporated
 (21) 2021286270 (22) 14.12.2021
 (54) DOUBLE OVERMOLDED DISPLAY HOUSING ASSEMBLY
 (31) 17/144,777 (32) 08.01.21 (33) US

(71) Snap-on Incorporated
 (21) 2021286273 (22) 14.12.2021
 (54) ACCESS DOOR FOR A STORAGE UNIT
 (31) 17/144,684 (32) 08.01.21 (33) US

(71) Snap-on Incorporated
 (21) 2021286280 (22) 14.12.2021

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<p>(54) CONTROLLING BRUSHLESS MOTOR COMMUTATION (31) 17/147,205 (32) 12.01.21 (33) US</p>	<p>(54) Center differential and drive system for four-wheel drive vehicle (31) 17/136,684 (32) 29.12.20 (33) US</p>	<hr/> <p>(71) Visa International Service Association (21) 2021286293 (22) 14.12.2021 (54) SYSTEM AND METHOD FOR TOKEN DOMAIN CONTROL (62) 2020256366</p> <hr/> <p>(71) W. L. Gore & Associates, Inc. (21) 2021286341 (22) 15.12.2021 (54) Transcatheter deployment systems and associated methods (62) 2018362078</p> <hr/> <p>(71) W. L. Gore & Associates, Inc. (21) 2021286390 (22) 16.12.2021 (54) Catheter-based occlusion removal systems and methods (62) 2018392621</p> <hr/> <p>(71) W. L. Gore & Associates, Inc. (21) 2021286397 (22) 16.12.2021 (54) Medical valve and leaflet promoting tissue ingrowth (62) 2018362079</p> <hr/> <p>(71) Wave Life Sciences Ltd. (21) 2021286276 (22) 14.12.2021 (54) Compositions and methods for phosphoramidite and oligonucleotide synthesis (62) 2017234150</p> <hr/> <p>Western Sydney Local Health District see New South Wales Health Pathology Institute of Clinical Pathology and Medical Research (ICPMR) (21) 2021286255</p> <hr/> <p>(71) Wincor Nixdorf International GmbH (21) 2021286355 (22) 16.12.2021 (54) Trusted terminal platform (62) 2019279985</p> <hr/> <p>(71) Wisk Aero LLC (21) 2021286328 (22) 15.12.2021 (54) Capacitance reducing battery submodule with thermal runaway propagation prevention and containment features (62) 2019290497</p> <hr/> <p>(71) Wolff, J. (21) 2021286253 (22) 13.12.2021 (54) Grinder assembly (62) 2019280093</p> <hr/> <p>(71) WORONORA NETWORK SDN BHD (21) 2021286339 (22) 15.12.2021 (54) METHOD AND APPARATUS OF CHARGING THE BATTERY WITH IN-</p>
<hr/> <p>(71) Spinal Elements, Inc. (21) 2021286297 (22) 14.12.2021 (54) Expandable interbody device (62) 2019219828</p> <hr/> <p>(71) Stryker Corporation (21) 2021286344 (22) 15.12.2021 (54) Removable manifold for a medical/surgical waste collection system, the manifold including tabs that facilitate the alignment of the manifold (62) 2019204832</p> <hr/> <p>(71) Subsea 7 Limited (21) 2021286247 (22) 13.12.2021 (54) Decommissioning subsea infrastructure (31) 2019703.4 (32) 14.12.20 (33) GB</p> <hr/> <p>(71) Takeda Pharmaceutical Company Limited (21) 2021286395 (22) 16.12.2021 (54) REMOVAL OF SERINE PROTEASES BY TREATMENT WITH FINELY DIVIDED SILICON DIOXIDE (62) 2020200373</p> <hr/> <p>(71) Thales Holdings UK PLC (21) 2021286381 (22) 16.12.2021 (54) SURFACE DEPLOYED COMMUNICATION BUOY (31) 2020674.4 (32) 29.12.20 (33) GB</p> <hr/> <p>(71) The Boeing Company (21) 2021286302 (22) 14.12.2021 (54) Electrostatic dissipative compositions and methods thereof (62) 2017204226</p> <hr/> <p>(71) The Boeing Company (21) 2021286321 (22) 15.12.2021 (54) Shape memory alloy control elements for hydraulic valves (31) 63/127,679 (32) 18.12.20 (33) US 17/485,690 27.09.21 US</p> <hr/> <p>(71) The Governors of the University of Alberta; Helmholtz Center for Infection Research (21) 2021286317 (22) 15.12.2021 (54) Hepatitis C virus immunogenic compositions comprising as an adjuvant a cyclic dinucleotide or an archaeosome and methods of use thereof (62) 2017341735</p> <hr/> <p>(71) The Hilliard Corporation (21) 2021286312 (22) 15.12.2021</p>	<hr/> <p>(71) The NOCO Company (21) 2021286367 (22) 16.12.2021 (54) Rechargeable battery jump starting device and rechargeable battery assembly (62) 2018323836</p> <hr/> <p>The Westmead Institute for Medical Research see New South Wales Health Pathology Institute of Clinical Pathology and Medical Research (ICPMR) (21) 2021286255</p> <hr/> <p>(71) Total Seismic Pty Ltd (21) 2021286336 (22) 15.12.2021 (54) A GEOPHONE NODE COVER</p> <hr/> <p>(71) Tse, K. (21) 2021286310 (22) 14.12.2021 (54) Submarine design for reduction of hydrodynamic drag</p> <hr/> <p>University of Sydney, T. see New South Wales Health Pathology Institute of Clinical Pathology and Medical Research (ICPMR) (21) 2021286255</p> <hr/> <p>(71) Valagro S.p.A. (21) 2021286356 (22) 16.12.2021 (54) METHOD FOR MODULATING PLANT PROCESSES (62) 2015300679</p> <hr/> <p>(71) VCell Therapeutics, Inc. (21) 2021286294 (22) 14.12.2021 (54) Methods relating to pluripotent cells (62) 2015231258</p> <hr/> <p>(71) Venturis Therapeutics, Inc. (21) 2021286333 (22) 15.12.2021 (54) Therapeutic angiogenesis for treating erectile conditions (62) 2019250146</p> <hr/> <p>(71) Versatile Natures Ltd. (21) 2021286237 (22) 13.12.2021 (54) METHOD FOR MONITORING LIFTING EVENTS AT A CONSTRUCTION SITE (62) 2020353686</p> <hr/> <p>(71) ViaSat, Inc. (21) 2021286238 (22) 13.12.2021 (54) SATELLITE FOR END-TO-END BEAM-FORMING (62) 2020260467</p>	

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TEGRAL DEGRADATION FOR PRE-
DEFINED CHARGING DURATION

(31) PI2021001725 (32) 30.03.21 (33) MY

Yale University see Regeneron Pharma-
ceuticals, Inc.

(21) 2021286279

(71) Yeoh, C.W.

(21) 2021286385 (22) 16.12.2021

(54) Face Mask

(31) PI2021003851 (32) 06.07.21 (33) MY

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2021286237	Versatile Natures Ltd.	2021286299	Angel Group Co., Ltd.
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2021286239	Snap-on Incorporated	2021286301	BROLOCK PTY LTD
2021286240	Acceleron Pharma, Inc.; Ludwig Institute for Cancer Research Ltd.	2021286302	The Boeing Company
2021286241	Cancer Research Technology Limited	2021286303	S.A Investment ApS
2021286242	ABB Schweiz AG	2021286304	Credo Diagnostics Biomedical Pte. Ltd.
2021286243	KUBOTA CORPORATION	2021286305	EZZ Life Science Holdings Pty Ltd
2021286244	Industrial Galvanizers Corporation Pty Ltd	2021286306	Globe (Jiangsu) Co., Ltd.
2021286245	Abraxis Bioscience, LLC	2021286307	Friedrich-Alexander-Universität Erlangen-Nuernberg; Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung e.V.
2021286246	Reeves, J.	2021286308	Cold Forged Products No. 1 Pty Limited
2021286247	Subsea 7 Limited	2021286309	Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung e.V.; Friedrich-Alexander-Universität Erlangen-Nuernberg
2021286248	Koekstone IP Pty Ltd	2021286310	Tse, K.
2021286249	Optimum Tracker	2021286311	DePuy Ireland Unlimited Company
2021286250	Becton, Dickinson and Company	2021286312	The Hilliard Corporation
2021286251	Nunhems B.V.	2021286313	Manitou Italia S.r.l.
2021286252	Bripco BVBA	2021286314	Manitou Italia S.r.l.
2021286253	Wolff, J.	2021286315	Cantor Index LLC
2021286254	Glycosynnovations Pty Ltd	2021286316	Line-X LLC
2021286255	New South Wales Health Pathology Institute of Clinical Pathology and Medical Research (ICPMR); University of Sydney, T.; Western Sydney Local Health District; The Westmead Institute for Medical Research	2021286317	The Governors of the University of Alberta; Helmholtz Center for Infection Research
2021286256	ALSTOM Transport Technologies	2021286318	Attenti Electronic Monitoring Ltd
2021286257	KEY PHARMA BIOMEDICAL INC.	2021286319	SAP SE
2021286258	Jolly, R.	2021286320	Daiichi Sankyo Company, Limited
2021286259	Beitmanas, S.E.	2021286321	The Boeing Company
2021286260	CROWN EQUIPMENT CORPORATION	2021286322	Evonik Operations GmbH
2021286261	Profil Met Sp. J. Jasinski, Leiter	2021286323	Insitu, Inc.
2021286262	BN Technology Holdings Inc.	2021286324	Nunhems B.V.
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2021286265	Angel Group Co., Ltd.	2021286327	Interscope, Inc.
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2021286268	Clarkson University	2021286330	SEWON CELLONTECH CO., LTD.
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2021286276	Wave Life Sciences Ltd.	2021286338	I-Mab Biopharma US Limited
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2021286279	Regeneron Pharmaceuticals, Inc.; Yale University; Institute for Research in Biomedicine (IRB)	2021286341	W. L. Gore & Associates, Inc.
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2021286281	Novartis AG	2021286343	AMDT Holdings, Inc.
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2021286283	Oxford BioDynamics PLC	2021286345	Big Belly Solar, Inc.
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2021286285	Sawatsky, A.	2021286347	NUVERA FUEL CELLS, LLC
2021286286	SMEDLEY'S ENGINEERS PTY LTD; MALUVA ENGINEERING	2021286348	Koninklijke Douwe Egberts B.V.
2021286287	Alynlam Pharmaceuticals, Inc.	2021286349	RYAN NT INTERNATIONAL PTY LTD
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2021286289	Children's Hospital Medical Center	2021286351	Baraja Pty Ltd
2021286290	J.C. Bamford Excavators Limited	2021286353	Celator Pharmaceuticals, Inc.
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2021286363 Bartec Benke GmbH
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2021286365 Renaissance Learning, Inc.
2021286366 eSAT Global Inc.
2021286367 The NOCO Company
2021286368 Just, Inc.
2021286369 Regeneron Pharmaceuticals, Inc.
2021286370 Magic Leap, Inc.
2021286371 New Pig Corporation
2021286372 De La Rue International Limited
2021286373 Accenture Global Solutions Limited; DSX Holdings Limited
2021286374 Magic Leap, Inc.
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2021286376 HONEYWELL INTERNATIONAL INC.
2021286377 Aristocrat Technologies Australia Pty Limited
2021286378 Boehringer Ingelheim International GmbH
2021286379 Orthopediatrics Corp.
2021286380 Bombardier Transportation GmbH
2021286381 Thales Holdings UK PLC
2021286382 Manuplex Holdings Pty Ltd
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2021286384 Angel Group Co., Ltd.
2021286385 Yeoh, C.W.
2021286386 FFI Ionix IP, Inc.
2021286387 Chevron U.S.A. Inc.
2021286388 HeliMods Pty Ltd
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2021286390 W. L. Gore & Associates, Inc.
2021286391 Minetek Investments Pty Ltd
2021286392 ConforMIS, Inc.
2021286393 Honor Device Co., Ltd.
2021286395 Takeda Pharmaceutical Company Limited
2021286396 Cripps Clark, J.
2021286397 W. L. Gore & Associates, Inc.
2021286398 CAN Technologies, Inc.
2021286428 Cook Medical Technologies LLC

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Applications listed below were processed through the Patent Office Canberra during the period ending 14 Dec 2021 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) ACE Bayou Corp.
(21) 2021107646 (22) 14.12.2021
(54) Gaming chairs with enhanced visibility
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(62) PCT/IB2020/000902

(71) Carter, C.
(21) 2021107648 (22) 15.12.2021
(54) Yoga Towel
(62) 2016371926

(71) Cherry Hub Pty Ltd
(21) 2021107647 (22) 14.12.2021
(54) SYSTEM AND METHOD TO MAN-
AGE PEOPLE AT RISK OF GAMBLING
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(62) 2021107324

(71) Miles, S.
(21) 2021107651 (22) 21.12.2021
(54) VEHICLE MIRRORS
(62) 2021202062

(71) Trent Bridge (VIC) Engineering Pty Ltd
(21) 2021107650 (22) 18.12.2021
(54) SYSTEM CONFIGURED TO SUPPLY
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(62) 2021201656

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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

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Assignments before Grant, Section 113

2017

2017238647 Tragara Pharmaceuticals, Inc. The application has been assigned to **Cothra Bioscience, Inc.**

2018

2018241136 D-Flector Pty Ltd The application has been assigned to **JGC COMPONENTS PTY LTD**

2018275786 Ecolab USA Inc. The application has been assigned to **ChampionX USA Inc.**

2018282255 "C" SOLUTIONS PTY LTD The application has been assigned to **GlobalX NewCo Pty Ltd**

2018317865 Tragara Pharmaceuticals, Inc. The application has been assigned to **Cothra Bioscience, Inc.**

2018322835 Gerrard, Robert; Gerrard, Marcus The application has been assigned to **GME Springs Limited**

2018322836 Gerrard, Marcus; Gerrard, Robert The application has been assigned to **GME Springs Limited**

2018335838 Lead Discovery Center GmbH; Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.; Sotio A.S. The application has been assigned to **Lead Discovery Center GmbH; Max Planck Gesellschaft zur Förderung der Wissenschaften e.V.**

2018345066 JBM Incorporation; GN Corporation Ltd The application has been assigned to **JBM Incorporation**

2019

2019219863 Troovo Pty Ltd The application has been assigned to **BaVelPay S.L.U (B-67506527)**

2019240274 Metis Precision Medicine Sb S.R.L. The application has been assigned to **Vertical Bio AG**

2019261293 WOOTEN, Frank; Vence, Corp.; FITZGERALD, Scott; SINGLER, Patrick; KOMSUOGLU, Haldun; PARKER, Todd; HUGHES, Matt; YARUSINSKY, Michael Anthony The application has been assigned to **Vence, Corp.**

2019349198 Shenyang Sinochem Agrochemicals R&D Co., Ltd. The application has been assigned to **Jiangsu Yangnong Chemical Co., Ltd.; Shenyang Sinochem Agrochemicals R&D Co., Ltd.**

2019356795 University of Wollongong The application has been assigned to **Sicona Battery Technologies Pty Ltd**

2019358417 Metis Precision Medicine Sb S.R.L. The application has been assigned to **Vertical Bio AG**

2019397903 Shenyang Sinochem Agrochemicals R&D Co., Ltd. The application has been assigned to **Shenyang Sinochem Agrochemicals R&D Co., Ltd.; Jiangsu Yangnong Chemical Co., Ltd.**

Assignments before Grant, Section 113

2020

2020201256 Abrahmsohn, Glenn The application has been assigned to **AIM Targeted Therapies, Inc.**

2020221785 Quest Technical Sales and Marketing, Inc. The application has been assigned to **QTS Holdings, LLC**

2020253470 Bondwell Technologies Inc. The application has been assigned to **Bondwell Technologies LP**

2021

2021201836 Ingram Micro Inc. The application has been assigned to **CloudBlue LLC**

2021201853 ESBATech, an Alcon Biomedical Research Unit LLC The application has been assigned to **Novartis AG**

2021232719 Komatsu Forest Pty Ltd The application has been assigned to **Komatsu Forest AB**

Extensions of Time, Section 223

Applications Received

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

2003

2003208501 **Truck-Lite Co., Inc.** An application to extend the time from 03 Mar 2021 to 03 Dec 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2009

2009204441 **The Schepens Eye Research Institute, Inc.** An application to extend the time from 09 Jan 2019 to 09 Nov 2021 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2014

2014234961 **Vardy, T.** An application to extend the time from 20 Mar 2021 to 20 Apr 2022 in which to gain acceptance and pay a continuation fee has been filed . Address for service - Southern Cross Intellectual Property PO Box 906 Brisbane QLD 4001 AU

2014263283 **Nolchiri Innovations Limited** An application to extend the time from 24 Apr 2021 to 24 Dec 2021 in which to pay a renewal fee has been filed . Address for service - James Riley P.O.Box 10465 Bayfair Mount Maunganui 3152 NZ

2014265417 **REGENXBIO Inc.; Regents of the University of Minnesota** An application to extend the time from 15 May 2021 to 15 Dec 2021 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2015

2015268093 **IsoTechnology Pty Ltd** An application to extend the time from 11 Feb 2021 to 11 Apr 2022 in which to gain acceptance has been

Extensions of Time, Section 223

filed . Address for service - Southern Cross Intellectual Property PO Box 906 Brisbane QLD 4001 AU

2016

2016202363 **Hawkes-Sabo, V.** An application to extend the time from 14 Apr 2021 to 14 Apr 2022 in which to pay a continuation fee and gain acceptance has been filed . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2018

2018396957 **Guangzhou Huanfeng Energy Technology Co., Ltd.** An application to extend the time from 30 Oct 2021 to 30 Jun 2022 in which to gain acceptance has been filed . Address for service - Guangzhou Huanfeng Energy Technology Co., Ltd. PO Box194 South Perth WA 6951 AU

2021

2021107588 **Ningbo Casualway Leisure Products Co., Ltd.** An application to extend the time from 26 Apr 2021 to 26 Oct 2021 in which to make a further application for a divisional patent has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2007

2007240714 **Shepherd Filters Pty Ltd** The time in which to pay a renewal fee has been extended to 20 Jul 2021 . Address for service - Trustee for Shepherd Filters Trust 20 Evergreen Dr Elanora QLD 4221 AU

2007257480 **Agarwal, A.** The time in which to pay a renewal fee has been extended to 05 Jan 2021 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2008

2008285458 **Enigma Diagnostics Limited** The time in which to pay a renewal fee has been extended to 01 Jul 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2008285464 **Enigma Diagnostics Limited** The time in which to pay a renewal fee has been extended to 01 Jul 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012

2012218148 **Savenok, P.** The time in which to pay a renewal fee has been extended to 15 Sep 2021 . Address for service - Halfords IP Level 7 1 Market Street Sydney NSW 2000 AU

2013

2013313022 **Dunlop, D.** The time in which to pay a renewal fee has been extended to 05 Apr 2021 . Address for service - Diane Dunlop 10 Chauvel Street El Arish QLD 4885 AU

2019

2019441678 **DYSON, Jason** The time in which to enter the National Phase has been extended to 05 Dec 2021 . Address for service - Jason

Extensions of Time, Section 223

DYSON c/o Michael Cornwell, 2/2 John Street Randwick Sydney NSW 2031 AU

2020

2020101962 **Caretech Services Pty Ltd** The time in which to pay a renewal fee has been extended to 30 Aug 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020203135 **John Crane UK Ltd.** The time in which to pay a continuation fee has been extended to 23 Sep 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020251790 **Glow Path Pavers, LLC** The time in which to pay the acceptance fee has been extended to 11 Dec 2021 . Address for service - TIDY TEND GLOBAL PTY LTD Unit 3 965 Doncaster Rd Doncaster East VIC 3109 AU

2020259409 **AMERICAN INVESTMINT CORP** The time in which to enter the National Phase has been extended to 18 Dec 2021 . Address for service - patents associated 742 Beams Rd Carseldine QLD 4034 AU

2021

2021105029 **Lockliv Holdings Pty. Ltd.** The time in which to make a further application for a divisional patent has been extended to 05 Dec 2021 . Address for service - Krouzer IP PO Box 7980 BAULKHAM HILLS BC NSW 2153 AU

2021212089 **Lockliv Holdings Pty. Ltd.** The time in which to make a further application for a divisional patent has been extended to 05 Aug 2021 . Address for service - Krouzer IP PO Box 7980 BAULKHAM HILLS BC NSW 2153 AU

2021232750 **The Regents of the University of California** The time in which to make a further application for a divisional patent has been extended to 27 Sep 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021254557 **ConMed Corporation** The time in which to make a further application for a divisional patent has been extended to 15 Nov 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2021254595 **ConMed Corporation** The time in which to make a further application for a divisional patent has been extended to 15 Nov 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

Section 223(1) Allowances

2015

2015349613 **The University of Queensland** The time in which to gain acceptance has been extended to 17 Dec 2021

Amendments

Applications for Amendment

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this

Amendments

journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

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

2016

2016325601 3-hydroxy-quinazoline-2,4-dione derivatives and their use as nuclease modulators **Ludwig Institute for Cancer Research Ltd.** The nature of the amendment is as shown in the statement(s) filed 11 Nov 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2016363830 Promoters and uses thereof **Sorbonne Université ; INSERM (Institut National de la Sante et de la Recherche Medicale) ; Centre National de la Recherche Scientifique ; Friedrich Miescher Institute for Biomedical Research** The nature of the amendment is as shown in the statement(s) filed 13 Dec 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017

2017229762 Food processing system and a method including testing a foreign object sensor **Kellogg Company** The nature of the amendment is as shown in the statement(s) filed 09 Dec 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017250029 Macrophage stimulation in CD47 blockade therapy **Trillium Therapeutics Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Sep 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2017264862 Radiological dosing system and method **Certa Dose, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Dec 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2018

2018389981 Composition containing refrigerant, use of said composition, refrigerator having said composition, and method for operating said refrigerator **Daikin Industries, Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 Nov 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019213318 A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS **Angel Group Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 07 Dec 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019217244 Suspended load stability systems and methods **Vita Inclinata Technologies, Inc** The nature of the amendment is as shown in the statement(s) filed 09 Dec 2021 . Address for service - GIRL FRIDAY IP PTY LTD PO Box 208 Northbridge WA 6865 AU

2020

2020102810 SPRAY NOZZLE **Ronda , V.** The nature of the amendment is as shown in the statement(s) filed 01 Dec 2021 . Address

Amendments

for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

2020202016 Neuroactive 19-alkoxy-17-substituted steroids, prod-rugs thereof, and methods of treatment using same **Washington University ; Sage Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Dec 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021101533 APPLICATION OF OsbZIP62-VP64 FUSION EXPRES-SION IN IMPROVING AGRONOMIC TRAITS OF RICE **Suzhou Chi-en-Shiung Institute of Technology** The nature of the amendment is: Remove the name of inventor Liu, Jie and Add the names of co-inventors SHEN, Peilin and GU, Zhun . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

Amendments Made

2013

2013316124 **Genomatica, Inc.** The nature of the amendment is as shown in the statement filed 30 Aug 2021

2014

2014262590 **The Brigham and Women's Hospital, Inc.; VA Boston Healthcare System; Children's Medical Center Corporation** The nature of the amendment is: To amend the co-patentee name to read The United States of America as represented by the Department of Veterans Affairs

2014308621 **Sage Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Aug 2021

2015

2015204646 **Bioverativ Therapeutics Inc.** The nature of the amendment is: Add the names of co-inventors Peters, Robert T. and Kulman, John

2015256299 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 09 Sep 2021

2015346350 **The United States of America, as Represented by The Secretary, Department of Health and Human Services** The nature of the amendment is as shown in the statement filed 14 Sep 2021

2015359043 **Hyperstem, SA** The nature of the amendment is as shown in the statement filed 09 Sep 2021

2015413013 **Hangzhou Weben Pharmaceuticals Inc** The nature of the amendment is: Amend the name of the inventor to read Xu, Rongzhen

2016

2016261628 **Atrium Medical Corporation; Grziwa, W.; Peatfield, G.** The nature of the amendment is: Amend the name of the inventor to read Grziwa, Wolfram and Peatfield, Greg

Amendments

2016365528 **Comvita Limited** The nature of the amendment is: Add the name of co-inventor Loomes, Kerry

2017

2017218908 **GreenMantra Recycling Technologies Ltd.** The nature of the amendment is: Amend the name of the inventor to read Di Mondo, Domenic and Guillon, Chris

2017341735 **The Governors of The University Of Alberta; Helmholtz Center for Infection Research** The nature of the amendment is: Amend the name of the inventor to read Houghton, Michael; Landi, Abdolmir; Guzman, Carlos A.; Ebensen, Thomas; Hockman, Darren; Law, John L. and Logan, Michael

2018

2018100593 **Parking Innovations Limited** The nature of the amendment is as shown in the statement filed 01 Dec 2021

2018217915 **Cytec Industrial Materials (Derby) Limited** The nature of the amendment is: Amend the name of the inventor to read Wybrow, Tim; Hollis, Richard; Wright, Dean; Corden, Thomas J.; Ryder, Alasdair and Wells, Darren

2018287042 **Institut Curie; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre National de la Recherche Scientifique - CNRS -** The nature of the amendment is: Amend the name of the inventor to read AMIGORENA, Sebastian; PIAGGIO, Eliane; GOUDOT, Christel; PACE, Luigia; ALMOUZNI, Geneviève and NIBORSKI, Leticia

2018309739 **The Trustees of Columbia University in the City of New York** The nature of the amendment is: Amend the invention title to read Compounds, Compositions, and Methods for Treating T-cell Acute Lymphoblastic Leukemia

2018349026 **Hangzhou Zhiwei Information Technology Co., Ltd.** The nature of the amendment is as shown in the statement filed 09 Dec 2021

2018410249 **Hyper Ice, Inc.** The nature of the amendment is as shown in the statement(s) filed 01 Jul 2021

2018427466 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read ENVIRONMENTAL INFORMATION MANAGEMENT SYSTEM

2019

2019215034 **Nkmax Co., Ltd.** The nature of the amendment is as shown in the statement filed 13 Sep 2021

2019219797 **Ganymed Pharmaceuticals GmbH; Johannes Gutenberg-Universität Mainz** The nature of the amendment is: Amend the name of the inventor to read SAHIN, Ugur; TÜRECI, Özlem; KOSLOWSKI, Michael; WALTER, Korden; WÖLL, Stefan; KREUZBERG, Maria; HUBNER, Bernd; ERDELJAN, Michael and WEICHEL, Michael

2019250267 **University Health Network** The nature of the amendment is as shown in the statement(s) filed 16 Sep 2021

Amendments

2019257455 **University of Washington through its Center for Commercialization** The nature of the amendment is as shown in the statement filed 17 Sep 2021

2019449126 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Secure conjugate gradient method computation system, secure computation apparatus, conjugate gradient method computation apparatus, secure conjugate gradient method computation method, conjugate gradient method computation method, and program

2020

2020201520 **Goldman Sachs & Co. LLC** The nature of the amendment is as shown in the statement filed 02 Sep 2021

2020239691 **Apple Inc.** The nature of the amendment is: Remove the name of co-inventor DASCOLA, Jonathan R.

2020259156 **Universitat Politècnica de València; Fundación para la Investigación del Hospital Universitario La fe de la Comunidad Valenciana** The nature of the amendment is: Amend the invention title to read System for obtaining useful data for analysis of body morphology and associated method

2020260940 **G&P Bioscience Co., Ltd.** The nature of the amendment is as shown in the statement filed 29 Nov 2021

2020270417 **ServiceNow, Inc.** The nature of the amendment is: Amend the name of the co-inventor to read GANAPATHY, Chitra Bharathi

2020279097 **The Regents of the University of California** The nature of the amendment is: Amend the name of the inventor to read SHIRIHAI, Orian S.; BENADOR-SHEN, Ilan Yaacov; ACIN-PEREZ, Rebecca and STILES, Linsey

2020284184 **BetterSeeds Ltd.** The nature of the amendment is as shown in the statement filed 26 Nov 2021

2020284512 **Precision Planting LLC** The nature of the amendment is as shown in the statement(s) filed 26 Nov 2021

2020285638 **The Brigham and Women's Hospital, Inc.; The General Hospital Corporation** The nature of the amendment is: Amend the invention title to read Gene therapy for Alzheimer's disease

2020298425 **Panasonic Intellectual Property Corporation of America** The nature of the amendment is as shown in the statement filed 25 Nov 2021

2020408484 **Guangzhou Xaircraft Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read Self-driving control device and unmanned driving device with the same

2021

2021103881 **Wuhan University of Science and Technology** The nature of the amendment is: Amend the name of a co-inventor to read Ni, Hongwei

2021104596 **Wenzhou Medical University; The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical Uni-**

Amendments

versity The nature of the amendment is: Amend the priority details to read 2021107726599 08 Jul 2021 CN

2021106610 **MC 2020 SCPM** The nature of the amendment is: Amend the invention title to read Thermal Inverter Box

2021107279 **Brand Developers Limited** The nature of the amendment is as shown in the statement filed 03 Dec 2021

2021107639 **BISSELL Inc.** The nature of the amendment is: Amend Divisional Details to read: 2016101847

2021200690 **BISSELL Inc.** The nature of the amendment is: Amend Divisional Details to read: 2016101847

2021221543 **Macquarie Medical Systems Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2021107649

2021273526 **State Grid Jiangsu Electric Power Co., LTD, Nanjing Power Supply Branch; State Grid Jiangsu Electric Power Co., Ltd** The nature of the amendment is: Amend the priority details to read 202111137929.5 27 Sep 2021 CN

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

2003

2003243419 Lonza, LLC The name of the patentee has been altered to **Arxada, LLC**

2003297483 Surefire Medical, Inc. d/b/a TriSalus Life Sciences The name of the applicant has been altered to **TriSalus Life Sciences, Inc.**

2006

2006260503 Metso Denmark A/S The name of the patentee has been altered to **M&J Denmark A/S**

2010

2010257341 Lonza, LLC The name of the patentee has been altered to **Arxada, LLC**

2011

2011217704 Frac Shack Inc. The name of the patentee has been altered to **ENERGERA INC.**

2012

2012311460 Lonza, LLC The name of the patentee has been altered to **Arxada, LLC**

2013

2013297168 In Ovo B.V. The name of the patentee has been altered to **In Ovo Holding B.V.**

2015

2015336396 G-Treebnt Co., Ltd. The name of the patentee has been altered to **HLB Therapeutics Co., Ltd.**

Amendments

2016

2016210777 Frac Shack Inc. The name of the patentee has been altered to **ENERGERA INC.**

2016217654 UCL Business PLC The name of the applicant has been altered to **UCL Business LTD**

2017

2017223492 Open Water Power, Inc. The name of the applicant has been altered to **L3 Open Water Power, Inc.**

2017243978 Unisite Pty Ltd The name of the applicant has been altered to **Grillex Pty Ltd**

2017254826 Frac Shack Inc. The name of the patentee has been altered to **ENERGERA INC.**

2017295716 Open Water Power, Inc. The name of the applicant has been altered to **L3 Open Water Power, Inc.**

2017295730 Open Water Power, Inc. The name of the applicant has been altered to **L3 Open Water Power, Inc.**

2017301105 ENE-HUB PTY LTD The name of the applicant has been altered to **ENE.HUB PTY LIMITED**

2017341735 The Governors of The University Of Alberta The name of the applicant has been altered to **The Governors of The University Of Alberta; Helmholtz Center for Infection Research**

2017401926 G-Treebnt Co., Ltd. The name of the applicant has been altered to **HLB Therapeutics Co., Ltd.**

2018

2018226879 Rgenix, Inc. The name of the applicant has been altered to **Inspirna, Inc.**

2018327612 Metso Denmark A/S The name of the patentee has been altered to **M&J Denmark A/S**

2018372396 G-Treebnt Co., Ltd. The name of the applicant has been altered to **HLB Therapeutics Co., Ltd.**

2019

2019202855 Frac Shack Inc. The name of the patentee has been altered to **ENERGERA INC.**

2019346856 Spineex, Inc. The name of the applicant has been altered to **Adcura, Inc.**

2020

2020203984 Lonza, LLC The name of the applicant has been altered to **Arxada, LLC**

2020215502 Becton, Dickinson and Company; Nidhanjali Bansal The name of the applicant has been altered to **Becton, Dickinson and Company**

Amendments

2020227751 Lonza, LLC The name of the applicant has been altered to **Arxada, LLC**

2020904491 Cymra Life Sciences The name of the applicant has been altered to **Cymra Life Sciences Limited**

2020904609 The University of Western Australia The name of the applicant has been altered to **The University of Western Australia; Yeda Research and Development Co. Ltd.**

2021

2021103005 Sichuan Academy of Chinese Medicine Sciences; Juan Lin The name of the patentee has been altered to **Sichuan Academy of Chinese Medicine Sciences**

2021203111 Frac Shack Inc. The name of the applicant has been altered to **ENERGERA INC.**

2021236484 International Cruise & Excursion Gallery, Inc. The name of the applicant has been altered to **Arrivia, Inc.**

2021277761 Universite Catholique De Louvain; Ludwig Institute for Cancer Research Ltd. The name of the applicant has been altered to **argenx SE; Universite Catholique De Louvain; Ludwig Institute for Cancer Research Ltd.**

2021900116 Graphene Manufacturing Australia Pty Ltd The name of the applicant has been altered to **Graphene Manufacturing Group Ltd**

2021903741 Graphene Manufacturing Australia Pty Ltd The name of the applicant has been altered to **Graphene Manufacturing Group Ltd**

Applications Open to Public Inspection

Name Index

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

<p>(71) A&H Japan Corporation (11) AU-A-2021203602 (21) 2021203602 (22) 02.06.2021 (54) Method for recovering valuables (51) Int. Cl. <i>C22B 9/22</i> (2006.01) <i>B23K 26/122</i> (2014.01) <i>B23K 26/40</i> (2014.01) <i>C22B 9/02</i> (2006.01) (31) 2020-100885 (32) 10.06.20 (33) JP (43) 06.01.2022 (72) HIEDA, Toshihiko; TAKEDA, Masaharu; KIKUCHI, Yoshiyasu; WATANABE, Kenji; ARAI, Tomohiro (74) FB Rice Pty Ltd</p> <hr/> <p>(71) ABB Schweiz AG (11) AU-A-2021286242 (21) 2021286242 (22) 13.12.2021 (54) A method for determining the operating status of a MV switching apparatus of the electromagnetic type (51) Int. Cl. <i>G01R 31/327</i> (2006.01) <i>H01H 47/00</i> (2006.01) <i>H02H 3/04</i> (2006.01) (43) 06.01.2022 (62) 2015376216 (72) DE NATALE, Gabriele Valentino; TESTA, Marco; RICCI, Andrea; BI- ANCO, Andrea (74) Griffith Hack</p> <hr/> <p>(71) Ab Initio Technology LLC (11) AU-A-2021277733 (21) 2021277733 (22) 02.12.2021 (54) MANAGING A COMPUTING CLUSTER USING DURABILITY LEVEL INDICAT- ORS (51) Int. Cl. <i>G06F 9/50</i> (2006.01) (43) 06.01.2022 (62) 2018359378 (72) Stanfill, Craig W. (74) Pizeys Patent and Trade Mark Attor- neys Pty Ltd</p> <hr/> <p>(71) Abiomed, Inc. (11) AU-A-2021286298 (21) 2021286298 (22) 14.12.2021 (54) Thermoform cannula with variable can- nula body stiffness (51) Int. Cl. <i>A61M 1/00</i> (2006.01)</p>	<p>(43) 06.01.2022 (62) 2017212812 (72) Tao, Zhenghong; Zarins, Christopher; Mraz, Dion; Vaughan, Stephen; Becker, Julius Steven (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Abraxis Bioscience, LLC (11) AU-A-2021286245 (21) 2021286245 (22) 13.12.2021 (54) Methods of treating epithelioid cell tu- mors (51) Int. Cl. <i>A61K 31/436</i> (2006.01) <i>A61K 9/14</i> (2006.01) <i>A61K 9/51</i> (2006.01) <i>A61K 38/38</i> (2006.01) <i>A61P 35/00</i> (2006.01) <i>A61P 35/04</i> (2006.01) <i>G01N 33/574</i> (2006.01) (43) 06.01.2022 (62) 2016285720 (72) Desai, Neil P. (74) AJ PARK</p> <hr/> <p>(71) Acceleron Pharma, Inc.; Ludwig Insti- tute for Cancer Research Ltd. (11) AU-A-2021286240 (21) 2021286240 (22) 13.12.2021 (54) Methods and compositions based on ALK1 antagonists for modulating an- giogenesis and pericyte coverage (51) Int. Cl. <i>A61P 35/00</i> (2006.01) <i>A61P 37/00</i> (2006.01) <i>C07K 14/71</i> (2006.01) <i>C07K 16/18</i> (2006.01) (43) 06.01.2022 (62) 2019232838 (72) GRINBERG, Asya; KNOPF, John; KU- MAR, Ravindra; PEARSALL, Robert Scott; SEEHRA, Jasbir; PIETRAS, Kris- tian (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Acura Pharmaceuticals, Inc. (11) AU-A-2021282479 (21) 2021282479 (22) 09.12.2021 (54) Methods and compositions for self-reg- ulated release of active pharmaceutic- als ingredients (51) Int. Cl. <i>A61K 31/485</i> (2006.01) <i>A61K 9/00</i> (2006.01) <i>A61K 9/24</i> (2006.01) (43) 06.01.2022 (62) 2018243657 (72) Brzeczko, Albert W.; Jones, Robert Barnett (74) Shelston IP Pty Ltd.</p>	<p>(71) Allergan, Inc. (11) AU-A-2021282546 (21) 2021282546 (22) 10.12.2021 (54) Stabilized non-protein clostridial toxin compositions (51) Int. Cl. <i>A61K 38/48</i> (2006.01) <i>A61K 47/02</i> (2006.01) <i>A61K 47/10</i> (2017.01) <i>A61K 47/18</i> (2017.01) <i>A61K 47/20</i> (2006.01) <i>A61K 47/22</i> (2006.01) <i>A61K 47/26</i> (2006.01) <i>A61K 47/34</i> (2017.01) <i>A61P 9/06</i> (2006.01) <i>A61P 13/00</i> (2006.01) <i>A61P 17/00</i> (2006.01) <i>A61P 21/00</i> (2006.01) <i>A61P 25/00</i> (2006.01) <i>A61P 25/24</i> (2006.01) <i>A61P 29/00</i> (2006.01) (43) 06.01.2022 (62) 2017326253 (72) Abiad, Maurice; Dani, Bhas; Shalaev, Evgeniy (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (11) AU-A-2021286287 (21) 2021286287 (22) 14.12.2021 (54) COMPOSITIONS AND METHODS DIRECTED TO TREATING LIVER FIBROSIS (51) Int. Cl. <i>A61K 31/7088</i> (2006.01) <i>A61P 1/16</i> (2006.01) <i>C07H 21/00</i> (2006.01) <i>C12N 15/113</i> (2010.01) (43) 06.01.2022 (62) 2019275561 (72) Novobrantseva, Tatiana; Bettencourt, Brian; Hinkle, Greg; Kotelianski, Victor; Sehgal, Alfica (74) Pizeys Patent and Trade Mark Attor- neys Pty Ltd</p> <hr/> <p>(71) AMADEUS S.A.S (11) AU-A-2021203921 (21) 2021203921 (22) 11.06.2021 (54) Expense fraud detection (51) Int. Cl. <i>G06Q 40/00</i> (2012.01) <i>G06N 3/08</i> (2006.01) <i>G06N 20/00</i> (2019.01) <i>G06Q 10/10</i> (2012.01) (31) 2006238 (32) 16.06.20 (33) FR 16/902,960 16.06.20 US (43) 06.01.2022 (72) BILDNER, Sebastian; KRION, Paul; STARK, Thomas; STÄMMLER, Mar-</p>
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Applications Open to Public Inspection - Name Index cont'd

- tin; VON SCHLEDORN, Martin; OESTERLE, Jürgen; SASIDHARAN, Renjith Karimattathil
(74) Griffith Hack
-
- (71)** Amal Therapeutics SA
(11) AU-A-2021282506
(21) 2021282506 **(22)** 09.12.2021
(54) A novel complex comprising a cell penetrating peptide, a cargo and a TLR peptide agonist for treatment of glioblastoma
(51) Int. Cl.
A61K 39/00 (2006.01)
(43) 06.01.2022
(62) 2016232656
(72) Derouazi, Madiha; Belnoue, Elodie
(74) Allens Patent & Trade Mark Attorneys
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- (71)** Angel Group Co., Ltd.
(11) AU-A-2021286265
(21) 2021286265 **(22)** 14.12.2021
(54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES
(51) Int. Cl.
G06Q 50/10 (2012.01)
A63F 1/06 (2006.01)
A63F 11/00 (2006.01)
(43) 06.01.2022
(62) 2019253876
(72) Shigeta, Yasushi
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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(21) 2021282480
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- (71)** Applied Hybrid Energy Pty Ltd
(11) AU-A-2021282511
(21) 2021282511 **(22)** 09.12.2021
(54) ENERGY CONTROL AND GENERATION METHOD AND SYSTEM
(51) Int. Cl.
H02J 3/46 (2006.01)
H02J 4/00 (2006.01)
H02J 11/00 (2006.01)
(43) 06.01.2022
(62) 2020239646
(72) Atanackovic, Petar Branko; Ellice-Flint, John Charles
(74) Madderns Pty Ltd
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- (71)** Aristocrat Technologies, Inc.
(11) AU-A-2021203893
(21) 2021203893 **(22)** 11.06.2021
(54) DIGITAL TABLE GAME SYSTEMS AND METHODS
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/90 (2014.01)
(31) 16/899,525 **(32)** 11.06.20 **(33)** US
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- (43)** 06.01.2022
(72) MARKS, Daniel Mordecai
(74) Griffith Hack
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- (71)** Aristocrat Technologies Australia Pty Limited
(11) AU-A-2021282498
(21) 2021282498 **(22)** 09.12.2021
(54) A METHOD OF OPERATING A GAMING MACHINE, A GAMING MACHINE AND A GAME CONTROLLER
(51) Int. Cl.
A63F 13/45 (2014.01)
A63F 13/00 (2014.01)
A63F 13/50 (2014.01)
(43) 06.01.2022
(62) 2019222863
(72) SALMON, Christian James; Power, Kieran
(74) Griffith Hack
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- (71)** Aristocrat Technologies Australia Pty Limited
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(21) 2021282507 **(22)** 09.12.2021
(54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
(51) Int. Cl.
A63F 13/45 (2014.01)
A63F 13/50 (2014.01)
(43) 06.01.2022
(62) 2019236707
(72) CRISPINO, Oliver; MCLENAGHAN, Ben
(74) Griffith Hack
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- (71)** B. Braun Melsungen AG
(11) AU-A-2021282553
(21) 2021282553 **(22)** 10.12.2021
(54) Catheter insertion device
(51) Int. Cl.
A61M 25/00 (2006.01)
A61M 25/06 (2006.01)
A61M 25/08 (2006.01)
A61M 39/06 (2006.01)
A61M 5/32 (2006.01)
(43) 06.01.2022
(62) 2019257513
(72) Woehr, Kevin
(74) Davies Collison Cave Pty Ltd
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- (71)** B. Braun Melsungen AG
(11) AU-A-2021282554
(21) 2021282554 **(22)** 10.12.2021
(54) Catheter insertion device
(51) Int. Cl.
A61M 25/00 (2006.01)
A61M 25/06 (2006.01)
A61M 25/08 (2006.01)
A61M 39/06 (2006.01)
A61M 5/32 (2006.01)
(43) 06.01.2022
(62) 2019253911
(72) Woehr, Kevin
(74) Davies Collison Cave Pty Ltd
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- (71)** Baker Hughes Holdings, LLC
(11) AU-A-2021282548
(21) 2021282548 **(22)** 10.12.2021
(54) Plug formed from a disintegrate on demand (DOD) material
(51) Int. Cl.
E21B 33/12 (2006.01)
E21B 29/02 (2006.01)
(43) 06.01.2022
(62) 2018353857
(72) Xu, Yingqing; Wright, Beau; Xu, Zhiyue; Doane, James; Johnson, Mike; Farmer, Jack; Ruddock, David
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Baxter Corporation Englewood
(11) AU-A-2021282540
(21) 2021282540 **(22)** 10.12.2021
(54) PATIENT CARE DEVICE-SPECIFIC CONFIGURATION OUTPUT
(51) Int. Cl.
G16H 20/17 (2018.01)
G06F 16/00 (2019.01)
(43) 06.01.2022
(62) 2019261720
(72) SCHNEIDER, Dennis I.; TRIBBLE, Dennis A.
(74) K&L Gates
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- (71)** Becton, Dickinson and Company
(11) AU-A-2021286250
(21) 2021286250 **(22)** 13.12.2021
(54) Multiplex detection of vulvovaginal candidiasis, trichomoniasis and bacterial vaginosis
(51) Int. Cl.
C12P 19/34 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/50 (2006.01)
(43) 06.01.2022
(62) 2020205314
(72) PAQUETTE, Nancy; TREMBLAY, Marie-Helene; TREMBLAY, Simon; THERRIEN, Roseline; FORTIN, Marie-Christine; BELLEY-MONTFORT, Lucile; CANTIN, Dany; ROGER-DALBERT, Celine
(74) FB Rice Pty Ltd
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- (71)** BioConsortia, Inc.
(11) AU-A-2021277771
(21) 2021277771 **(22)** 03.12.2021
(54) Integrated plant breeding methods for complementary pairings of plants and microbial consortia
(51) Int. Cl.
A01H 3/00 (2006.01)
(43) 06.01.2022
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(72) Meadows-Smith, Marcus; Wigley, Peter; Turner, Susan
(74) Ribeiro IP Limited
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- (71)** Biogen International Neuroscience GmbH
(11) AU-A-2021282448
(21) 2021282448 **(22)** 08.12.2021

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 (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/00 (2006.01)
 (43) 06.01.2022
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 (72) FERRERO, James L.; WILLIAMS, Leslie Lugene; SEVIGNY, Jeffrey Joseph
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 (11) AU-A-2021286252
 (21) 2021286252 (22) 13.12.2021
 (54) Data centre cooling system
 (51) Int. Cl.
H05K 7/20 (2006.01)
 (43) 06.01.2022
 (62) 2020205286
 (72) ROGERS, Paul; CROW, Neil; HICKS, Lucian
 (74) FB Rice Pty Ltd

(71) BROLOCK PTY LTD
 (11) AU-A-2021286301
 (21) 2021286301 (22) 14.12.2021
 (54) A HINGE
 (51) Int. Cl.
E05F 3/20 (2006.01)
E05D 3/00 (2006.01)
E05D 3/02 (2006.01)
E05F 1/08 (2006.01)
E05F 1/12 (2006.01)
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 (43) 06.01.2022
 (62) 2021271942
 (72) MURAUER, Michael Josef
 (74) Adams Pluck

(71) Cancer Research Technology Limited
 (11) AU-A-2021286241
 (21) 2021286241 (22) 13.12.2021
 (54) Method for treating cancer
 (51) Int. Cl.
A61K 39/00 (2006.01)
 (43) 06.01.2022
 (62) 2016256220
 (72) McGRANAHAN, Nicholas; ROSENTHAL, Rachel; SWANTON, Charles; PEGGS, Karl; QUEZADA, Sergio
 (74) Davies Collison Cave Pty Ltd

(71) CATERPILLAR GLOBAL MINING LLC
 (11) AU-A-2021203459
 (21) 2021203459 (22) 27.05.2021
 (54) MACHINE AND WALKING ASSEMBLY FOR MACHINE
 (51) Int. Cl.
E02F 9/04 (2006.01)
B62D 57/02 (2006.01)
E02F 3/48 (2006.01)
 (31) 16/899,938 (32) 12.06.20 (33) US
 (43) 06.01.2022
 (72) AUSTIN, David S.
 (74) FPA Patent Attorneys Pty Ltd

Centre National De La Recherche Scientifique see Cornell University
 (21) 2021282480

Centro de Investigación Biomédica en Red see Fundació Hospital Universitari Vall d'hebron - Institut de Recerca
 (21) 2021282462

(71) Changzhou Lianli Automation Technology Co. Ltd.
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 (21) 2020286316 (22) 11.12.2020
 (54) Automatic Control Method of the Coal Shearer and Powered Roof Support Based on the Data of Two Roadways
 (51) Int. Cl.
E21C 35/08 (2006.01)
E21C 41/18 (2006.01)
 (31) 202010525863.6 (32) 10.06.20 (33) CN
 (43) 06.01.2022
 (72) Sun, Zhuo; Yin, Lingtong
 (74) Caska Intellectual Property Pty Ltd

(71) Changzhou Lianli Automation Technology Co. Ltd.
 (11) AU-A-2021203532
 (21) 2021203532 (22) 31.05.2021
 (54) AN AUTOMATIC SPEED CONTROL METHOD FOR ARMOURED FACE CONVEYOR AND SHEARER WITHOUT COAL FLOW RATE SENSORS
 (51) Int. Cl.
E21F 13/08 (2006.01)
E21C 41/18 (2006.01)
E21C 47/04 (2006.01)
G06N 3/04 (2006.01)
 (31) 202010525091.6 (32) 10.06.20 (33) CN
 (43) 06.01.2022
 (72) Yin, Lingtong; Sun, Zhuo
 (74) Caska Intellectual Property Pty Ltd

(71) Children's Hospital Medical Center
 (11) AU-A-2021286289
 (21) 2021286289 (22) 14.12.2021
 (54) Colonic organoids and methods of making and using same
 (51) Int. Cl.
C12N 5/00 (2006.01)
C07K 14/485 (2006.01)
C07K 14/50 (2006.01)
C07K 14/51 (2006.01)
 (43) 06.01.2022
 (62) 2017373767
 (72) Wells, James M.; Munera, Jorge Orlando
 (74) FPA Patent Attorneys Pty Ltd

(71) Clarkson University
 (11) AU-A-2021286268
 (21) 2021286268 (22) 14.12.2021
 (54) Enhanced contact electrical discharge plasma reactor for liquid and gas processing
 (51) Int. Cl.

B01J 19/08 (2006.01)
C02F 1/46 (2006.01)
 (43) 06.01.2022
 (62) 2020203982
 (72) MEDEDOVIC, Selma; STRATTON, Gunnar; HOLSEN, Thomas; BELLONA, Christopher
 (74) Spruson & Ferguson

(71) Colin Christopher Beattie as the nominee of Note Graphic Partnership
 (11) AU-A-2021203811
 (21) 2021203811 (22) 09.06.2021
 (54) A THERMOPLASTIC WASHER AND ASSOCIATED METHOD OF FIXING COMBUSTIBLE MATERIALS TO A WALL OR CEILING
 (51) Int. Cl.
E04F 13/08 (2006.01)
E04B 1/94 (2006.01)
E04F 13/10 (2006.01)
E04F 13/16 (2006.01)
F16B 5/02 (2006.01)
F16B 39/24 (2006.01)
F16B 43/00 (2006.01)
E04B 1/74 (2006.01)
 (31) 2020901918 (32) 11.06.20 (33) AU
 (43) 06.01.2022
 (72) Beattie, Julian
 (74) Adams Pluck

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 (11) AU-A-2021282461
 (21) 2021282461 (22) 08.12.2021
 (54) A monitor for a multi-parameter manufacturing process
 (51) Int. Cl.
G06N 10/06 (2012.01)
 (43) 06.01.2022
 (62) 2019335063
 (72) VAN BEEST, Nick; GOVERNATORI, Guido
 (74) FB Rice Pty Ltd

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 (11) AU-A-2021282508
 (21) 2021282508 (22) 09.12.2021
 (54) Object monitoring system
 (51) Int. Cl.
G08B 21/22 (2006.01)
G01S 1/02 (2010.01)
G01S 5/02 (2010.01)
G08B 7/06 (2006.01)
G08B 21/02 (2006.01)
G08B 23/00 (2006.01)
G08C 21/00 (2006.01)
G08C 25/00 (2006.01)
H04W 4/029 (2018.01)
H04W 4/30 (2018.01)
H04W 4/80 (2018.01)
H04W 84/18 (2009.01)
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 (72) Valencia, Philip Juan; Heaney, Nicholas Alexander
 (74) Davies Collison Cave Pty Ltd

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 (54) Continuous image analytics
 (51) Int. Cl.
 G06F 7/00 (2006.01)
 (43) 06.01.2022
 (62) 2014348303
 (72) Pace, Charles P.; Wirch, Eric
 (74) Davies Collison Cave Pty Ltd

(71) Cornell University; Centre National De La Recherche Scientifique; Université de Strasbourg; Université Paris-Sud XI; APHP (Assistance Publique - Hôpitaux de Paris); INSERM (Institut National de la Santé et de la Recherche Médicale)
 (11) AU-A-2021282480
 (21) 2021282480 (22) 09.12.2021
 (54) METHODS AND PHARMACEUTICAL COMPOSITION FOR THE TREATMENT AND THE PREVENTION OF CARDIOMYOPATHY DUE TO ENERGY FAILURE
 (51) Int. Cl.
 C07K 14/47 (2006.01)
 A61K 48/00 (2006.01)
 (43) 06.01.2022
 (62) 2020200408
 (72) PUCCIO, Helene Monique; CRYSTAL, Ronald G.; BOUGNERES, Pierre; AU-BOURG, Patrick
 (74) AJ PARK

Coveny, P.K. see Nilo Global Limited
 (21) 2021204547

(71) CRINKLAW FARM SERVICES
 (11) AU-A-2021282493
 (21) 2021282493 (22) 09.12.2021
 (54) Robotic agricultural system and method
 (51) Int. Cl.
 A01B 69/00 (2006.01)
 A01B 79/00 (2006.01)
 A01M 7/00 (2006.01)
 (43) 06.01.2022
 (62) 2017320593
 (72) CRINKLAW, David Curtis; SCHAPANSKY, Chase; VACCARI, Richard; BISCHHEL, Jeremy; JOHNSON, Ryan
 (74) Griffith Hack

(71) CrossRoads Extremity Systems, LLC
 (11) AU-A-2021282488
 (21) 2021282488 (22) 09.12.2021
 (54) Devices for anchoring tissue
 (51) Int. Cl.
 A61B 17/04 (2006.01)
 A61B 17/06 (2006.01)
 (43) 06.01.2022
 (62) 2016364969
 (72) TRIPLETT, Daniel J.; FALLIN, Wade T.
 (74) Spruson & Ferguson

(71) CROWN EQUIPMENT CORPORATION
 (11) AU-A-2021286260
 (21) 2021286260 (22) 13.12.2021
 (54) Materials handling vehicle obstacle scanning tools
 (51) Int. Cl.
 G05D 1/02 (2020.01)
 B66F 9/06 (2006.01)
 (43) 06.01.2022
 (62) 2017315461
 (72) MAI, Yuan; STEWART, Alan
 (74) Griffith Hack

(71) DALIAN INO-TECH CO., LTD.
 (11) AU-A-2021203848
 (21) 2021203848 (22) 10.06.2021
 (54) A RESIDUAL CURRENT CIRCUIT BREAKER
 (51) Int. Cl.
 H01H 83/14 (2006.01)
 H01H 50/10 (2006.01)
 (31) 202021091716.4 (32) 12.06.20 (33) CN
 (43) 06.01.2022
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 (74) Lord & Company

(71) Deere & Company
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 (21) 2021203235 (22) 20.05.2021
 (54) Chopper drum system and method with improved blade configuration
 (51) Int. Cl.
 B26D 1/62 (2006.01)
 A01D 45/10 (2006.01)
 B26D 7/26 (2006.01)
 (31) 16/899,936 (32) 12.06.20 (33) US
 (43) 06.01.2022
 (72) Mixon, Dusk S.; Fattepur, Surfranj; Burch, Guy
 (74) Davies Collison Cave Pty Ltd

(71) Dicerna Pharmaceuticals, Inc.
 (11) AU-A-2021286295
 (21) 2021286295 (22) 14.12.2021
 (54) Therapeutic Inhibition of Lactate Dehydrogenase and Agents Therefor
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 31/7088 (2006.01)
 A61P 7/00 (2006.01)
 A61P 13/12 (2006.01)
 A61P 35/00 (2006.01)
 (43) 06.01.2022
 (62) 2015330670
 (72) Brown, Bob D.; Dudek, Henryk T.; Lai, Cheng
 (74) WRAYS PTY LTD

(71) dormakaba Deutschland GmbH
 (11) AU-A-2021202040
 (21) 2021202040 (22) 01.04.2021
 (54) Backplate for a door actuator
 (51) Int. Cl.
 E05F 3/22 (2006.01)
 E06B 5/16 (2006.01)
 H01F 7/06 (2006.01)

(31) 20180010.9 (32) 15.06.20 (33) EP
 (43) 06.01.2022
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 (74) Davies Collison Cave Pty Ltd

(71) dormakaba Deutschland GmbH
 (11) AU-A-2021203181
 (21) 2021203181 (22) 18.05.2021
 (54) Configuration of automatic functions for a door
 (51) Int. Cl.
 G05B 19/19 (2006.01)
 E05F 3/22 (2006.01)
 E05F 15/60 (2015.01)
 G07C 9/29 (2020.01)
 H04W 48/04 (2009.01)
 (31) 20180054.7 (32) 15.06.20 (33) EP
 (43) 06.01.2022
 (72) Hellwig, Alexander
 (74) Davies Collison Cave Pty Ltd

(71) E. I. du Pont de Nemours and Company; Pioneer Hi-Bred International, Inc.
 (11) AU-A-2021282543
 (21) 2021282543 (22) 10.12.2021
 (54) Crop product development and seed treatments
 (51) Int. Cl.
 A01N 59/20 (2006.01)
 A01N 43/653 (2006.01)
 A01N 63/00 (2020.01)
 (43) 06.01.2022
 (62) 2016312402
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 (74) Houlihan² Pty Ltd

(71) Editas Medicine, Inc.
 (11) AU-A-2021282533
 (21) 2021282533 (22) 10.12.2021
 (54) Optimized crispr/cas9 systems and methods for gene editing in stem cells
 (51) Int. Cl.
 C12N 5/0789 (2010.01)
 A61K 35/28 (2015.01)
 C07K 14/315 (2006.01)
 C12N 9/22 (2006.01)
 C12N 15/87 (2006.01)
 (43) 06.01.2022
 (62) 2016261358
 (72) GORI, Jennifer Leah
 (74) Davies Collison Cave Pty Ltd

(71) Ellipses Pharma Ltd
 (11) AU-A-2021282467
 (21) 2021282467 (22) 08.12.2021
 (54) AR+ breast cancer treatment methods
 (51) Int. Cl.
 A61K 31/277 (2006.01)
 C07D 413/10 (2006.01)
 C07D 413/12 (2006.01)

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 (74) Spruson & Ferguson

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 (21) 2021282499 (22) 09.12.2021
 (54) Isolated polynucleotides and polypeptides, and methods of using same for increasing nitrogen use efficiency, yield, growth rate, vigor, biomass, oil content, and/or abiotic stress toleranc
 (51) Int. Cl.
A01H 1/06 (2006.01)
 (43) 06.01.2022
 (62) 2020202204
 (72) Panik, David; Vinocur, Basia Judith; Karchi, Hagai
 (74) Spruson & Ferguson

(71) F. Hoffmann-La Roche AG
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 (21) 2021282472 (22) 08.12.2021
 (54) Pharmaceutical compositions comprising Akt protein kinase inhibitors
 (51) Int. Cl.
A61K 31/517 (2006.01)
A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
A61P 35/00 (2006.01)
 (43) 06.01.2022
 (62) 2020204167
 (72) REENTS, Reinhard; HIDBER, Pirmin; HELL, André; STEIDLE, Peter; WUNDERLICH, Martin; PEPELNJAK, Marie; GOSSELIN, Francis; YOST, Edward
 (74) Griffith Hack

(71) Figene, LLC
 (11) AU-A-2021273570
 (21) 2021273570 (22) 24.11.2021
 (54) Gene therapy for the regeneration of chondrocytes or cartilage type cells
 (51) Int. Cl.
A61K 48/00 (2006.01)
 (43) 06.01.2022
 (62) 2019268095
 (72) O'Heeron, Pete
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2021286274
 (21) 2021286274 (22) 14.12.2021
 (54) SEAL FOR A PATIENT INTERFACE, INTERFACE ASSEMBLIES AND ASPECTS THEREOF
 (51) Int. Cl.
A61M 16/06 (2006.01)
 (43) 06.01.2022
 (62) 2019204257
 (72) Patel, Roheet; Bearne, Peter David Alexander; Cox, Michael John Henri;

Mashal, Fadi Karim Moh'd; Middelkoop, Kirstin Elizabeth
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2021269276
 (21) 2021269276 (22) 15.11.2021
 (54) Respiratory interface
 (51) Int. Cl.
A61M 16/06 (2006.01)
A61M 16/08 (2006.01)
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 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2021282450
 (21) 2021282450 (22) 08.12.2021
 (54) HUMIDIFICATION BREATHING APPARATUS CONTROL
 (51) Int. Cl.
A61M 16/16 (2006.01)
 (43) 06.01.2022
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 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2021282542
 (21) 2021282542 (22) 10.12.2021
 (54) Maintenance Systems and Methods for Medical Devices
 (51) Int. Cl.
G06F 17/40 (2006.01)
G05B 23/00 (2006.01)
G06Q 50/22 (2018.01)
 (43) 06.01.2022
 (62) 2016327437
 (72) Cheung, Dexter Chi Lun; Liang, Wenjie Robin; Kwan, Ian Lee Wai
 (74) AJ PARK

(71) Flexible Steel Lacing Company
 (11) AU-A-2021282460
 (21) 2021282460 (22) 08.12.2021
 (54) Conveyor belt fastener and method of manufacture
 (51) Int. Cl.
F16G 3/02 (2006.01)
F16G 3/04 (2006.01)
 (43) 06.01.2022
 (62) 2019246906
 (72) DANIELS, William J.
 (74) Spruson & Ferguson

(71) Fundació Hospital Universitari Vall d'hebron - Institut de Recerca; Centro de Investigación Biomédica en Red
 (11) AU-A-2021282462
 (21) 2021282462 (22) 08.12.2021
 (54) Treatment of mitochondrial diseases
 (51) Int. Cl.
A61K 31/7052 (2006.01)
A61K 31/7084 (2006.01)
A61K 31/7088 (2006.01)
A61P 43/00 (2006.01)
 (43) 06.01.2022
 (62) 2016273340
 (72) Martí Seves, Ramon; González Vioque, Emiliano; Blázquez Bermejo, Cora; Torres Torronteras, Javier; Cabrera Pérez, Raquel; Cámara Navarro, Yolanda
 (74) FB Rice Pty Ltd

(71) Futuri Media, LLC
 (11) AU-A-2021282504
 (21) 2021282504 (22) 09.12.2021
 (54) SYSTEM AND METHOD FOR PRODUCTION, DISTRIBUTION AND ARCHIVAL OF CONTENT
 (51) Int. Cl.
H04H 60/02 (2008.01)
H04H 20/82 (2008.01)
H04H 60/37 (2008.01)
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 (62) 2018329368
 (72) BOWMAN, Craig; ANSTANDIG, Daniel
 (74) AJ PARK

(71) Genentech, Inc.
 (11) AU-A-2021282496
 (21) 2021282496 (22) 09.12.2021
 (54) Antibodies and methods of use
 (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
C07K 14/71 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
 (43) 06.01.2022
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 (21) 2021204554

(71) Glory Ltd.
 (11) AU-A-2021203802
 (21) 2021203802 (22) 09.06.2021
 (54) Money handling apparatus, money handling system and money handling method
 (51) Int. Cl.
G07D 11/12 (2019.01)
G07D 9/00 (2006.01)
G07D 11/24 (2019.01)
G07F 9/00 (2006.01)

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(54) Money handling apparatus and money handling method
(51) Int. Cl.
G07D 11/12 (2019.01)
G07D 9/00 (2006.01)
G07D 11/24 (2019.01)
G07F 9/00 (2006.01)
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(51) Int. Cl.
C07H 15/26 (2006.01)
A61K 31/702 (2006.01)
A61K 31/7028 (2006.01)
A61K 31/7036 (2006.01)
A61K 31/7056 (2006.01)
A61P 11/00 (2006.01)
A61P 11/06 (2006.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
A61P 33/00 (2006.01)
A61P 35/04 (2006.01)
A61P 37/00 (2006.01)
A61P 37/08 (2006.01)
C07H 3/02 (2006.01)
C07H 13/02 (2006.01)
C07H 15/02 (2006.01)
C07H 15/10 (2006.01)
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B65F 1/16 (2006.01)
B65F 1/14 (2006.01)
A01K 1/01 (2006.01)
B65F 1/04 (2006.01)
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(72) Wynne, Andrew
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E02F 9/28 (2006.01)
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E02F 9/28 (2006.01)
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G05B 23/02 (2006.01)
G05B 13/02 (2006.01)
G05B 15/02 (2006.01)
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G05B 15/02 (2006.01)
G06Q 50/08 (2012.01)
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G05B 15/02 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) ROWING
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A63B 69/06 (2006.01)
A63B 21/005 (2006.01)
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(54) Deep learning-based variant classifier
(51) Int. Cl.
G06N 3/04 (2006.01)
G16B 20/20 (2019.01)
G16B 40/00 (2019.01)
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G16B 20/00 (2019.01)
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C12N 15/10 (2006.01)
C12Q 1/68 (2018.01)
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 (54) Point-of-sale system using prepaid/gift card network
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G06Q 20/20 (2012.01)
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 (54) PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST CANCERS
 (51) Int. Cl.
C07K 14/64 (2006.01)
A61K 39/00 (2006.01)
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C07K 14/47 (2006.01)
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 (11) AU-A-2021282525
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 (51) Int. Cl.
A61F 5/00 (2006.01)
A61F 2/00 (2006.01)
A61F 2/04 (2013.01)
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A61M 1/10 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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 (74) Houlihan² Pty Ltd

(71) Industrial Galvanizers Corporation Pty Ltd
 (11) AU-A-2021286244
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E01F 15/06 (2006.01)
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 (62) 2020202439
 (72) COLQUHOUN, Terry; WALLACE, Hayden
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 (21) 2021282480

Institute for Research in Biomedicine (IRB) see Regeneron Pharmaceuticals, Inc.
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 (54) SGRNA FOR EDITING SHEEP FGF5 TO REALIZE ALTERNATIVE SPLICING, COMPLETE SET OF NUCLEIC ACIDS AND USE
 (51) Int. Cl.
C12N 15/11 (2006.01)
C07K 14/50 (2006.01)
C12N 15/12 (2006.01)
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 (54) Tricalcium phosphate material doped with Mg and Zn and preparation method thereof, and 3D printing ceramic slurry and preparation method thereof
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C04B 35/58 (2006.01)
A61L 27/10 (2006.01)
A61L 27/12 (2006.01)
C04B 35/447 (2006.01)
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(71) JAXAMO UK LIMITED
 (11) AU-A-2021282485
 (21) 2021282485 (22) 09.12.2021
 (54) EXERCISE DEVICES, SYSTEMS, AND METHODS
 (51) Int. Cl.
A63B 21/072 (2006.01)
A63B 21/075 (2006.01)
 (43) 06.01.2022
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 (54) Imidazolium zwitterion polymerizable compounds and ophthalmic devices incorporating them
 (51) Int. Cl.

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 Dola; ZHANG, Yong
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 (11) AU-A-2021258020
 (21) 2021258020 (22) 24.05.2021
 (54) Amino acid-based polymerizable compounds and ophthalmic devices prepared therefrom
 (51) Int. Cl.
C07C 211/00 (2006.01)
A61L 27/14 (2006.01)
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- (71) Juno Therapeutics GmbH
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 (21) 2021282451 (22) 08.12.2021
 (54) Chromatographic isolation of cells and other complex biological materials
 (51) Int. Cl.
G01N 33/569 (2006.01)
G01N 33/53 (2006.01)
G01N 33/68 (2006.01)
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C07D 403/12 (2006.01)
A61K 31/497 (2006.01)
A61P 25/00 (2006.01)
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 (21) 2021282551 (22) 10.12.2021
 (54) Methods of administering chimeric antigen receptor immunotherapy
 (51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) A Swivelling Joint
 (51) Int. Cl.
F21V 21/36 (2006.01)
E04H 12/18 (2006.01)
E04H 12/34 (2006.01)
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- (71) Landos Biopharma, Inc.
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 (51) Int. Cl.
C07D 213/64 (2006.01)
A61K 31/4402 (2006.01)
A61K 31/4406 (2006.01)
A61K 31/4409 (2006.01)
A61K 31/444 (2006.01)
A61K 31/506 (2006.01)
A61P 1/00 (2006.01)
A61P 1/06 (2006.01)
A61P 3/10 (2006.01)
A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
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A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
A61P 31/16 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07C 15/12 (2006.01)
C07C 43/164 (2006.01)
C07D 213/46 (2006.01)
C07D 213/65 (2006.01)
C07D 213/68 (2006.01)
C07D 213/69 (2006.01)
C07D 213/70 (2006.01)
C07D 213/73 (2006.01)
C07D 401/14 (2006.01)
- (43) 06.01.2022
 (62) 2019299455
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 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) LG ELECTRONICS INC.
 (11) AU-A-2021282502
 (21) 2021282502 (22) 09.12.2021
 (54) Laundry treatment apparatus
 (51) Int. Cl.
D06F 37/30 (2020.01)
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 (74) Dentons Patent Attorneys Australasia Limited
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- (71) Li-Cycle Corp.
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 (21) 2021282459 (22) 08.12.2021
 (54) A PROCESS, APPARATUS, AND SYSTEM FOR RECOVERING MATERIALS FROM BATTERIES
 (51) Int. Cl.
H01M 10/54 (2006.01)
B02C 23/36 (2006.01)
- (43) 06.01.2022
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 (21) 2021282464 (22) 08.12.2021
 (54) A PROCESS, APPARATUS, AND SYSTEM FOR RECOVERING MATERIALS FROM BATTERIES
 (51) Int. Cl.
H01M 10/54 (2006.01)
B02C 23/36 (2006.01)
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 (72) Kochhar, Ajay; Johnston, Timothy George
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 (21) 2021282465 (22) 08.12.2021
 (54) A PROCESS, APPARATUS, AND SYSTEM FOR RECOVERING MATERIALS FROM BATTERIES
 (51) Int. Cl.
H01M 10/54 (2006.01)
B02C 23/36 (2006.01)
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 (72) Kochhar, Ajay; Johnston, Timothy George
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- (71) Li-Cycle Corp.
 (11) AU-A-2021282470
 (21) 2021282470 (22) 08.12.2021
 (54) A PROCESS, APPARATUS, AND SYSTEM FOR RECOVERING MATERIALS FROM BATTERIES
 (51) Int. Cl.
H01M 10/54 (2006.01)
B02C 23/36 (2006.01)
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(21) 2021286240

(71) Lumenis Ltd
(11) AU-A-2021282522
(21) 2021282522 (22) 09.12.2021
(54) Optimization of BPH treatment using HoLEP (Holium Laser Enucleation Of Prostate)
(51) Int. Cl.
A61B 18/24 (2006.01)
A61B 17/22 (2006.01)
A61N 5/00 (2006.01)
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(74) WRAYS PTY LTD

(71) Lysando AG
(11) AU-A-2021282524
(21) 2021282524 (22) 09.12.2021
(54) New Antimicrobial Agents Against Staphylococcus Aureus
(51) Int. Cl.
C07K 14/47 (2006.01)
A61F 2/07 (2013.01)
A61F 13/00 (2006.01)
A61K 38/06 (2006.01)
A61K 38/08 (2019.01)
A61K 38/10 (2006.01)
A61K 38/16 (2006.01)
A61K 38/47 (2006.01)
A61K 38/48 (2006.01)
A61L 15/44 (2006.01)
A61L 27/00 (2006.01)
A61M 25/10 (2013.01)
A61P 31/04 (2006.01)
C07K 7/00 (2006.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
C12N 5/10 (2006.01)
C12N 9/36 (2006.01)
C12N 9/52 (2006.01)
C12N 15/62 (2006.01)
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(11) AU-A-2021282503
(21) 2021282503 (22) 09.12.2021
(54) Selecting virtual objects in a three-dimensional space
(51) Int. Cl.
G02B 27/01 (2006.01)
G02B 7/28 (2021.01)
G06F 1/14 (2006.01)
G06F 3/01 (2006.01)
G06T 13/40 (2011.01)

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(72) Powderly, James M.; Niles, Savannah; Hamilton, Frank; Fontaine, Marshal A.; Abovitz, Rony; Naples, Alysha
(74) Davies Collison Cave Pty Ltd

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(21) 2021282549 (22) 10.12.2021
(54) Virtual/augmented reality system having reverse angle diffraction grating
(51) Int. Cl.
G02B 5/18 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(21) 2021286286

(71) Massachusetts Institute of Technology
(11) AU-A-2021286269
(21) 2021286269 (22) 14.12.2021
(54) SYSTEMS AND METHODS FOR SYNTHESIZING CHEMICAL PRODUCTS, INCLUDING ACTIVE PHARMACEUTICAL INGREDIENTS
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B01J 8/00 (2006.01)
B01J 19/00 (2006.01)
B01J 19/18 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(54) A system and method of managing data injection into an executing data processing system
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G06Q 20/40 (2012.01)
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(51) Int. Cl.
A61K 31/47 (2006.01)
A61K 31/045 (2006.01)
A61K 31/4709 (2006.01)
A61P 31/04 (2006.01)
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(62) 2020256457
(72) Li, Danping
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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A61P 9/10 (2006.01)
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H04N 7/18 (2006.01)
G08B 3/10 (2006.01)
H04N 5/14 (2006.01)
H04N 19/53 (2014.01)
(31) 10202005685Y (32) 16.06.20 (33) SG
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H04W 72/04 (2009.01)
H04L 27/26 (2006.01)
H04W 16/32 (2009.01)
H04W 24/10 (2009.01)
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C07D 487/04 (2006.01)
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F24F 5/00 (2006.01)
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 (54) CHROMOSOME CONFORMATION MARKERS OF PROSTATE CANCER AND LYMPHOMA
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C12Q 1/6886 (2018.01)
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A61B 50/24 (2016.01)
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A61B 90/25 (2016.01)
A61F 9/007 (2006.01)
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 (54) Cryogenic ablation system with rotatable and translatable catheter
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G06K 19/06 (2006.01)
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 (54) Detector and tracker
 (51) Int. Cl.
G08B 17/103 (2006.01)
G01J 1/28 (2006.01)
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 (51) Int. Cl.
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A01B 49/06 (2006.01)
A01B 63/114 (2006.01)
A01B 79/00 (2006.01)
A01C 5/06 (2006.01)
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 (54) Method of Treatment
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C07D 493/00 (2006.01)
A61K 31/336 (2006.01)
A61P 1/04 (2006.01)
A61P 5/44 (2006.01)
A61P 29/00 (2006.01)
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C12Q 1/689 (2018.01)
G01N 33/532 (2006.01)
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F16J 15/32 (2016.01)
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F04B 53/14 (2006.01)
F16J 15/3224 (2016.01)
F16J 15/3232 (2016.01)

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 (54) Method of determining the sequence of a nucleic acid using time resolved luminescence
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G01N 21/64 (2006.01)
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 (54) Pulsed laser and bioanalytic system
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C12Q 1/00 (2006.01)
H01S 5/06 (2006.01)
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A63B 26/00 (2006.01)
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A01K 67/027 (2006.01)
A61K 49/00 (2006.01)
C07K 14/47 (2006.01)
C07K 14/505 (2006.01)
C07K 14/52 (2006.01)
C07K 14/535 (2006.01)
C07K 14/54 (2006.01)
C07K 14/715 (2006.01)
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E05D 11/00 (2006.01)
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 (54) Delivering edible oil
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A47J 37/12 (2006.01)
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 (54) Rigid Wave Interlocking Fastener System
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G01M 17/04 (2006.01)
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G01H 9/00 (2006.01)
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A61B 17/3211 (2006.01)

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B62D 13/04 (2006.01)
B60W 30/165 (2020.01)
G05D 1/02 (2020.01)
(31) 2020901957 **(32)** 14.06.20 **(33)** AU
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(72) Spark, Ian
(74) Ian James Spark

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(54) Diagnostic method using laser induced
 breakdown spectroscopy, and diagnostic
 device for performing same
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A61B 5/00 (2006.01)
(43) 06.01.2022
(62) 2019437773
(72) PYUN, Sung Hyun; MIN, Wan Ki
(74) H & H Lawyers

(71) Spinal Elements, Inc.
(11) AU-A-2021282492
(21) 2021282492 **(22)** 09.12.2021
(54) Device and method for reinforcement of
 a facet
(51) Int. Cl.
A61B 17/70 (2006.01)
(43) 06.01.2022
(62) 2019206045
(72) Newton, Christopher; Blain, Jason;
 Martin, Gregory
(74) Davies Collison Cave Pty Ltd

(71) Spinal Elements, Inc.
(11) AU-A-2021286297
(21) 2021286297 **(22)** 14.12.2021
(54) Expandable interbody device
(51) Int. Cl.
A61F 2/44 (2006.01)
(43) 06.01.2022
(62) 2019219828
(72) Blain, Jason; Solum, David; Johnson,
 Dean; Flores, Markanthony
(74) Davies Collison Cave Pty Ltd

(71) Standard Lithium Ltd.
(11) AU-A-2021277661
(21) 2021277661 **(22)** 30.11.2021
(54) Process for recovery of lithium from
 brine

(51) Int. Cl.
C01D 15/00 (2006.01)
B01D 15/08 (2006.01)
B01D 61/14 (2006.01)
B01J 20/282 (2006.01)
(43) 06.01.2022
(62) 2018397705
(72) BROWN, Craig Johnstone
(74) AJ PARK

(71) Stryker Corporation
(11) AU-A-2021282490
(21) 2021282490 **(22)** 09.12.2021
(54) SOUND-ATTENUATING ENCLOS-
 URE FOR A VACUUM SOURCE OF A
 WASTE COLLECTION UNIT
(51) Int. Cl.
A61M 1/00 (2006.01)
(43) 06.01.2022
(62) 2019250147
(72) Davie, Daniel; Zollinger, Michael;
 Maclachlan, Brian; Isham,, Steve;
 Edinger, Benjamin; Durnell, Troy
(74) Davies Collison Cave Pty Ltd

(71) Sungrow Power Supply Co., Ltd.
(11) AU-A-2021202396
(21) 2021202396 **(22)** 20.04.2021
(54) Method for starting photovoltaic rapid
 shutdown system, application apparat-
 us and system
(51) Int. Cl.
H02H 3/16 (2006.01)
H02H 7/122 (2006.01)
H02M 1/36 (2007.01)
H02S 40/32 (2014.01)
H02S 50/00 (2014.01)
(31) 202010542025.X **(32)** 15.06.20 **(33)** CN
(43) 06.01.2022
(72) Yang, Yu; Yu, Yanfei; Xu, Jun; Chen,
 Qiaodi
(74) FB Rice Pty Ltd

(71) Surface Oncology, Inc.
(11) AU-A-2021269448
(21) 2021269448 **(22)** 19.11.2021
(54) Antibodies that bind CD39 and uses
 thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/02 (2006.01)
C07K 16/30 (2006.01)
(43) 06.01.2022
(62) 2019235842
(72) CHAPPEL, Scott; LAKE, Andrew;
 WARREN, Michael; DULAK, Austin;
 DEVEREAUX, Erik; HOLLAND, Pamela
 M.; ZAIDI, Tauqeer; RAUSCH, Mat-
 thew; PRINZ, Bianka; NIELSON, Nels
 P.; DAS, Sonia
(74) Spruson & Ferguson

(71) SWIMC LLC
(11) AU-A-2021282489
(21) 2021282489 **(22)** 09.12.2021

(54) Pressurized spray systems using car-
 bon dioxide
(51) Int. Cl.
B05D 1/02 (2006.01)
B65D 83/14 (2006.01)
C09D 5/02 (2006.01)
(43) 06.01.2022
(62) 2018280161
(72) HALSTEAD, Joshua M.; ROBEY,
 Lauren E.
(74) Spruson & Ferguson

(71) Tencent America LLC
(11) AU-A-2021257900
(21) 2021257900 **(22)** 01.06.2021
(54) Adaptive colour transform related sig-
 nalling for both of CU level and TU level
(51) Int. Cl.
H04N 7/24 (2011.01)
(31) 63/037,170 **(32)** 10.06.20 **(33)** US
 17/319,328 13.05.21 US
(43) 06.01.2022
(72) CHEN, Lien-Fei; LI, Xiang; LIU, Shan
(74) Griffith Hack

(71) Tencent America LLC
(11) AU-A-2021257985
(21) 2021257985 **(22)** 07.06.2021
(54) Techniques for bitstream extraction for
 subpicture in coded video stream
(51) Int. Cl.
H04N 19/107 (2014.01)
(31) 63/037,202 **(32)** 10.06.20 **(33)** US
 17/335,600 01.06.21 US
(43) 06.01.2022
(72) CHOI, Byeongdoo; WENGER, Stephan;
 LIU, Shan
(74) Phillips Ormonde Fitzpatrick

(71) The Boeing Company
(11) AU-A-2021202808
(21) 2021202808 **(22)** 04.05.2021
(54) Methods and systems for curing com-
 posites and associated microcrack-res-
 istant composites
(51) Int. Cl.
B29C 35/02 (2006.01)
B29C 70/04 (2006.01)
(31) 63/037,062 **(32)** 10.06.20 **(33)** US
(43) 06.01.2022
(72) Holden, George; Adamson, Benjamin
 P.; Howe, Christopher A.
(74) Spruson & Ferguson

(71) The Boeing Company
(11) AU-A-2021202851
(21) 2021202851 **(22)** 05.05.2021
(54) Flexible truss systems and methods of
 transferring flexible composite parts us-
 ing such systems
(51) Int. Cl.
B64F 5/00 (2017.01)
B29C 70/68 (2006.01)
B32B 3/26 (2006.01)
(31) 16/900,434 **(32)** 12.06.20 **(33)** US

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 (72) HANDOLESCU, Caleb J.;
 VELASQUEZ, Luis F.; HALBRITTER,
 Allen James
 (74) Spruson & Ferguson

(71) The Boeing Company
 (11) AU-A-2021203040
 (21) 2021203040 (22) 13.05.2021
 (54) Object monitoring system for aircraft
 (51) Int. Cl.
G07C 9/38 (2020.01)
B64F 1/30 (2006.01)
B64F 1/36 (2017.01)
G06K 9/00 (2006.01)
 (31) 16/899,864 (32) 12.06.20 (33) US
 (43) 06.01.2022
 (72) Hunt, Jeffrey H.; Blake, Pamela L.
 (74) Spruson & Ferguson

(71) The Boeing Company
 (11) AU-A-2021203731
 (21) 2021203731 (22) 07.06.2021
 (54) Composite doors and methods of forming thereof
 (51) Int. Cl.
B64C 1/14 (2006.01)
 (31) 16/898,269 (32) 10.06.20 (33) US
 (43) 06.01.2022
 (72) WALKER, Steven P.; MARTINEZ, Perlas G.
 (74) FB Rice Pty Ltd

(71) The Boeing Company
 (11) AU-A-2021203834
 (21) 2021203834 (22) 10.06.2021
 (54) Monument having attachment system with corner bracket fitting
 (51) Int. Cl.
B64D 11/04 (2006.01)
B64D 11/02 (2006.01)
F16B 5/04 (2006.01)
F16B 5/06 (2006.01)
 (31) 16/900460 (32) 12.06.20 (33) US
 (43) 06.01.2022
 (72) YOUNG, Stephen M.; RAMIREZ, Saul;
 BAEK, Joshua Youngmin
 (74) FB Rice Pty Ltd

(71) The Boeing Company
 (11) AU-A-2021286302
 (21) 2021286302 (22) 14.12.2021
 (54) Electrostatic dissipative compositions and methods thereof
 (51) Int. Cl.
C09D 5/46 (2006.01)
C09K 3/16 (2006.01)
 (43) 06.01.2022
 (62) 2017204226
 (72) Callahan, Rebecca; Kinlen, Patrick J.;
 Bruton, Eric A.
 (74) FB Rice Pty Ltd

(71) The Climate Corporation
 (11) AU-A-2021282487
 (21) 2021282487 (22) 09.12.2021

(54) Forecasting national crop yield during the growing season
 (51) Int. Cl.
G06Q 10/04 (2012.01)
G06Q 50/02 (2012.01)
 (43) 06.01.2022
 (62) 2016244067
 (72) Xu, Ying; Xu, Lijuan
 (74) Davies Collison Cave Pty Ltd

(71) The NOCO Company
 (11) AU-A-2021282512
 (21) 2021282512 (22) 09.12.2021
 (54) Rechargeable battery jump starting device and battery frame
 (51) Int. Cl.
H02J 7/00 (2006.01)
F02N 11/12 (2006.01)
H02J 7/02 (2016.01)
H02J 7/32 (2006.01)
 (43) 06.01.2022
 (62) 2018336956
 (72) NOOK, Jonathan Lewis; NOOK, William Knight; STANFIELD, James Richard; UNDERHILL, Derek Michael
 (74) Griffith Hack

(71) The Regents of the University of Colorado, a body corporate
 (11) AU-A-2021282455
 (21) 2021282455 (22) 08.12.2021
 (54) Genetically encoded system for constructing and detecting biologically active agents
 (51) Int. Cl.
C12N 9/12 (2006.01)
C12N 9/16 (2006.01)
G01N 33/68 (2006.01)
 (43) 06.01.2022
 (62) 2019298409
 (72) FOX, Jerome; SARKAR, Ankur; HONG-DUSIT, Akarawin; KIM, Edward
 (74) FB Rice Pty Ltd

The Trustees of the University of Pennsylvania see Novartis AG
 (21) 2021282477

(71) The University of Queensland
 (11) AU-A-2021282520
 (21) 2021282520 (22) 09.12.2021
 (54) Glycoprotein biomarkers for esophageal adenocarcinoma and barrett's esophagus and uses thereof
 (51) Int. Cl.
G01N 33/574 (2006.01)
G01N 33/68 (2006.01)
 (43) 06.01.2022
 (62) 2015349613
 (72) Hill, Michelle Mei Chih; Shah, Alok; Cao, Kim-Anh Lê
 (74) Davies Collison Cave Pty Ltd

(71) The Water Company, LLC
 (11) AU-A-2021282474
 (21) 2021282474 (22) 08.12.2021

(54) Controlled removal of ions from aqueous fluid
 (51) Int. Cl.
C02F 1/52 (2006.01)
C02F 1/58 (2006.01)
 (43) 06.01.2022
 (62) 2019287495
 (72) NORMAN, Peter Robert; ELSON, Brian Bruce; FALLBACH, Michael James
 (74) Cotters Patent & Trade Mark Attorneys

The Westmead Institute for Medical Research see New South Wales Health Pathology Institute of Clinical Pathology and Medical Research (ICPMR)
 (21) 2021286255

(71) Top Cap Holding GmbH
 (11) AU-A-2021282445
 (21) 2021282445 (22) 08.12.2021
 (54) Metallic can end
 (51) Int. Cl.
B65D 51/16 (2006.01)
B65D 17/28 (2006.01)
B65D 53/02 (2006.01)
 (43) 06.01.2022
 (62) 2019289700
 (72) Piech, Gregor Anton
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) Top Cap Holding GmbH
 (11) AU-A-2021282446
 (21) 2021282446 (22) 08.12.2021
 (54) Metallic can end
 (51) Int. Cl.
B65D 17/28 (2006.01)
B65D 17/50 (2006.01)
B65D 39/02 (2006.01)
B65D 51/16 (2006.01)
B65D 53/02 (2006.01)
 (43) 06.01.2022
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 (72) Piech, Gregor Anton
 (74) IP SOLVED (ANZ) PTY. LTD.

Université de Strasbourg see Cornell University
 (21) 2021282480

Université Paris-Sud XI see Cornell University
 (21) 2021282480

(71) University-Industry Cooperation Group of Kyung Hee University; Navipharm Co, Ltd
 (11) AU-A-2021282468
 (21) 2021282468 (22) 08.12.2021
 (54) Novel lactic acid bacteria and use thereof
 (51) Int. Cl.
C12N 1/20 (2006.01)
A23L 33/135 (2016.01)
A61K 35/747 (2015.01)
C12R 1/225 (2006.01)

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 (62) 2018341753
 (72) Kim, Dong-Hyun; Han, Myung Joo
 (74) FPA Patent Attorneys Pty Ltd

University of Rhode Island Board of Trustees see Yale University
 (21) 2021282501

University of Sydney, T. see New South Wales Health Pathology Institute of Clinical Pathology and Medical Research (ICPMR)
 (21) 2021286255

(71) VCell Therapeutics, Inc.
 (11) AU-A-2021286294
 (21) 2021286294 (22) 14.12.2021
 (54) Methods relating to pluripotent cells
 (51) Int. Cl.
 C12N 5/00 (2006.01)
 C12N 5/02 (2006.01)

(43) 06.01.2022
 (62) 2015231258
 (72) Vacanti, Charles A.; Kojima, Koji
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Versatile Natures Ltd.
 (11) AU-A-2021286237
 (21) 2021286237 (22) 13.12.2021
 (54) METHOD FOR MONITORING LIFTING EVENTS AT A CONSTRUCTION SITE
 (51) Int. Cl.
 B66C 1/34 (2006.01)
 B66C 13/04 (2006.01)
 B66C 13/08 (2006.01)
 B66C 13/16 (2006.01)
 B66C 13/46 (2006.01)
 B66D 1/50 (2006.01)
 (43) 06.01.2022
 (62) 2020353686
 (72) Cohen, Barak; Oren, Meirav; Hermann, Danny; Oren, Ran; Cohen, Omer
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) ViaSat, Inc.
 (11) AU-A-2021286238
 (21) 2021286238 (22) 13.12.2021
 (54) SATELLITE FOR END-TO-END BEAM-FORMING
 (51) Int. Cl.
 H04B 7/185 (2006.01)
 H04B 7/204 (2006.01)
 (43) 06.01.2022
 (62) 2020260467
 (72) Miller, Mark; Buer, Kenneth
 (74) Adams Pluck

(71) Visa International Service Association
 (11) AU-A-2021286293
 (21) 2021286293 (22) 14.12.2021
 (54) SYSTEM AND METHOD FOR TOKEN DOMAIN CONTROL

(51) Int. Cl.
 G06Q 20/38 (2012.01)
 G06Q 20/12 (2012.01)
 G06Q 20/40 (2012.01)
 (43) 06.01.2022
 (62) 2020256366
 (72) Kumnick, Phillip
 (74) Phillips Ormonde Fitzpatrick

(71) WATT FUEL CELL CORP.
 (11) AU-A-2021273527
 (21) 2021273527 (22) 22.11.2021
 (54) THERMALLY INSULATED HOUSING FOR A HEAT-PRODUCING, HEAT-RADIATING DEVICE

(51) Int. Cl.
 H01M 8/04701 (2016.01)
 H01M 8/04007 (2016.01)
 H01M 8/04029 (2016.01)
 H01M 8/22 (2006.01)
 H01M 8/2455 (2016.01)
 H01M 8/2457 (2016.01)
 H01M 8/2475 (2016.01)
 H01M 8/249 (2016.01)

(43) 06.01.2022
 (62) 2019332965
 (72) FINNERTY, Caine; DEWALD, Paul; IS-ENBERG, Matthew
 (74) DAVIS IP PTY LTD

(71) Wave Life Sciences Ltd.
 (11) AU-A-2021286276
 (21) 2021286276 (22) 14.12.2021
 (54) Compositions and methods for phosphoramidite and oligonucleotide synthesis
 (51) Int. Cl.
 C07F 9/02 (2006.01)
 C07H 19/04 (2006.01)
 C07H 19/10 (2006.01)
 C07H 21/00 (2006.01)
 (43) 06.01.2022
 (62) 2017234150
 (72) BUTLER, David Charles Donnell; MARAPPAN, Subramanian; PAIK, Ik-Kyeon
 (74) Griffith Hack

Western Sydney Local Health District see New South Wales Health Pathology Institute of Clinical Pathology and Medical Research (ICPMR)
 (21) 2021286255

(71) Wolff, J.
 (11) AU-A-2021286253
 (21) 2021286253 (22) 13.12.2021
 (54) Grinder assembly
 (51) Int. Cl.
 A22C 18/00 (2006.01)
 (43) 06.01.2022
 (62) 2019280093
 (72) Wolff, James B.
 (74) FPA Patent Attorneys Pty Ltd

(71) Woodside Energy Technologies Pty Ltd
 (11) AU-A-2021261845
 (21) 2021261845 (22) 15.06.2021
 (54) Self-winding washer and method of installing a washer
 (51) Int. Cl.
 F16B 43/00 (2006.01)
 H02G 3/08 (2006.01)
 H02G 15/013 (2006.01)
 H02G 15/06 (2006.01)

(31) 2020901977 (32) 15.06.20 (33) AU
 (43) 06.01.2022
 (72) SHANAHAN, Darren
 (74) Griffith Hack

(71) Wright Medical Technology, Inc.
 (11) AU-A-2021282519
 (21) 2021282519 (22) 09.12.2021
 (54) Guidance system for hallux valgus correction
 (51) Int. Cl.
 A61B 17/15 (2006.01)
 A61B 17/17 (2006.01)
 A61B 17/56 (2006.01)
 A61B 17/90 (2006.01)
 (43) 06.01.2022
 (62) 2019325879
 (72) WOODARD, Joseph Ryan; THOREN, Brian Robert
 (74) Spruson & Ferguson

(71) XL Hybrids
 (11) AU-A-2021203772
 (21) 2021203772 (22) 08.06.2021
 (54) DYNAMIC VEHICLE COMPONENT DATA APPARATUSES, SYSTEMS, AND METHODS
 (51) Int. Cl.
 G07C 5/08 (2006.01)
 G06Q 10/00 (2012.01)
 (31) 16/897,416 (32) 10.06.20 (33) US
 (43) 06.01.2022
 (72) Chafekar, Tejas
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Yale University; University of Rhode Island Board of Trustees
 (11) AU-A-2021282501
 (21) 2021282501 (22) 09.12.2021
 (54) Environmentally sensitive compositions
 (51) Int. Cl.
 C07K 5/00 (2006.01)
 A61K 38/00 (2006.01)
 A61K 51/08 (2006.01)
 C12N 5/00 (2006.01)
 (43) 06.01.2022
 (62) 2019203377
 (72) Reshetnyak, Yana K.; Andreev, Oleg A.; Engelman, Donald M.
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2021286279

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2021282554	B. Braun Melsungen AG
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2021286254	Glycosynnovations Pty Ltd
2021286255	New South Wales Health Pathology Institute of Clinical Pathology and Medical Research (ICPMR); University of Sydney, T.; Western Sydney Local Health District; The Westmead Institute for Medical Research
2021286260	CROWN EQUIPMENT CORPORATION
2021286261	Profil Met Sp. J. Jasinski, Leiter
2021286264	Pharmacyclics LLC
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2021286267	Precision Planting LLC
2021286268	Clarkson University
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2021286271	Pentax of America, Inc.
2021286274	Fisher & Paykel Healthcare Limited
2021286276	Wave Life Sciences Ltd.
2021286279	Regeneron Pharmaceuticals, Inc.; Yale University; Institute for Research in Biomedicine (IRB)
2021286281	Novartis AG
2021286282	Oxford BioDynamics PLC
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2021286284	Melinta Subsidiary Corp.
2021286286	SMEDLEY'S ENGINEERS PTY LTD; MALUVA ENGINEERING
2021286287	Alnylam Pharmaceuticals, Inc.
2021286289	Children's Hospital Medical Center
2021286293	Visa International Service Association
2021286294	VCell Therapeutics, Inc.
2021286295	Dicerna Pharmaceuticals, Inc.
2021286297	Spinal Elements, Inc.
2021286298	Abiomed, Inc.
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2021286301	BROLOCK PTY LTD
2021286302	The Boeing Company

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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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 (51) Int. Cl.
C07D 405/12 (2006.01)
A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 C07K 16/22 (2006.01)
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 A61K 38/17 (2006.01)
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 A61K 41/00 (2020.01)
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 F21V 31/00 (2006.01)
 E04H 4/14 (2006.01)
 F21S 10/02 (2006.01)
 H05B 45/10 (2020.01)
 H05B 45/20 (2020.01)

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 F21V 31/00 (2006.01)
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 F21S 10/02 (2006.01)
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 F02D 29/06 (2006.01)
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A45F 3/06 (2006.01)
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A61K 41/00 (2020.01)
A61L 26/00 (2006.01)
A61N 5/00 (2006.01)
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H02H 3/02 (2006.01)

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 (74) BLACKWATTLE IP PTY LIMITED

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B60P 1/02 (2006.01)
B66F 9/075 (2006.01)
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 (74) AJ PARK

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 (51) Int. Cl.
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 (54) Aggregate Distributor
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E01C 19/20 (2006.01)
B60P 1/36 (2006.01)
B65G 15/10 (2006.01)
B65G 47/16 (2006.01)
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H01M 8/247 (2016.01)
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(71) Glenvar Pastoral Company Pty Ltd
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(54) Combine harvester power apparatus
(51) Int. Cl.
A01D 41/12 (2006.01)
A01D 67/00 (2006.01)
A01F 15/08 (2006.01)
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F25D 23/12 (2006.01)
E05B 65/00 (2006.01)
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A63B 71/06 (2006.01)

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G06F 40/279 (2020.01)
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G06N 20/00 (2019.01)

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B63C 11/22 (2006.01)
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(54) Moderate processing technology of special wheat flour for steamed bread
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A61B 5/11 (2006.01)
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(54) TECHNOLOGY ADAPTED TO FACILITATE USER-SPECIFIC CALIBRATION OF INSTRUMENTED MOUTHGUARD DEVICES, INCLUDING CALIBRATION METHODS FOR INSTRUMENTED MOUTHGUARD DEVICES
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A61B 5/11 (2006.01)
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(54) TECHNOLOGY ADAPTED FOR IMPROVED ASSESSMENT OF COGNITIVE FUNCTION IN A HUMAN SUBJECT, INCLUDING ASSESSMENT OF COGNITIVE FUNCTION AFFECTED BY BRAIN INJURIES SUSTAINED DURING SPORTING ACTIVITIES
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A61B 5/11 (2006.01)

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A61B 5/00 (2006.01)
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B33Y 80/00 (2015.01)
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F21S 9/02 (2006.01)
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F21V 23/00 (2015.01)
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G01W 1/02 (2006.01)
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H02S 10/12 (2014.01)
H05B 45/10 (2020.01)
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(71) OUTOTEC (FINLAND) OY
(11) AU-A-2021107550
(21) 2021107550 (22) 13.09.2021
(54) X-RAY FLUORESCENCE ANALYZER, AND A METHOD FOR PERFORMING X-RAY FLUORESCENCE ANALYSIS
(51) Int. Cl.
G01N 23/223 (2006.01)
B03B 13/06 (2006.01)
G21K 1/06 (2006.01)
C22B 3/02 (2006.01)
G01T 1/16 (2006.01)
(45) 06.01.2022
(62) 2018419252
(72) SIPILA, Heikki; KOSKINEN, Tommi; PELLI, Antti
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) OUTOTEC (FINLAND) OY
(11) AU-A-2021107551
(21) 2021107551 (22) 13.09.2021
(54) X-RAY FLUORESCENCE ANALYZER SYSTEM AND A METHOD FOR PERFORMING X-RAY FLUORESCENCE ANALYSIS OF AN ELEMENT OF INTEREST IN SLURRY
(51) Int. Cl.
G01N 23/223 (2006.01)

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G01T 1/16 (2006.01)
G21K 1/06 (2006.01)
(45) 06.01.2022
(62) 2019254727
(72) SIPILA, Heikki; PELLI, Antti; KOSKINEN, Tommi
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- Pallathadka, A.K. see Champaty, B.**
(21) 2021107373
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- Panda, M. see Jalaluddin, M.**
(21) 2021107105
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- Patel, G.P. see ., M.**
(21) 2021107081
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(21) 2021106840
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- Patil, P. see Patil, A.**
(21) 2021106840
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(21) 2021106840
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(21) 2021106840
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- (71)** Patil, A.; Patil, R.; Patil, P.; Patil, A.; Pawar, S.; Patil, A.; Patil, S.; Patil, P.; Patil, S.
(11) AU-A-2021106840
(21) 2021106840 **(22)** 24.08.2021
(54) Utilization of Lactobacillus rhamnosus ARJD granules for anti-colon cancer and against different bowel disorders
(51) Int. Cl.
A61K 35/747 (2015.01)
A61K 9/00 (2006.01)
A61K 9/16 (2006.01)
A61P 31/04 (2006.01)
A61P 35/00 (2006.01)
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(72) Patil, Abhinandan; Patil, Ravsaheb; Patil, Priyanka; Patil, Amit; Patil, Amrut; Patil, Sohili; Patil, Pallavi; Patil, Sujata; Pawar, Shivaji
(74) Abhinandan Patil
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(21) 2021106840
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(21) 2021107349
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- Pingili, M. see Manda, S.**
(21) 2021106805
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- (71)** Polaris IP Pty Ltd
(11) AU-A-2021107565
(21) 2021107565 **(22)** 24.09.2021
(54) Hinge
(51) Int. Cl.
E05D 11/10 (2006.01)
E05D 7/086 (2006.01)
(45) 06.01.2022
(62) 2021201278
(72) STUART, Michael Christopher
(74) Spruson & Ferguson
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- (71)** PowerPal Pty Ltd
(11) AU-A-2021107583
(21) 2021107583 **(22)** 18.10.2021
(54) POWER CONSUMPTION MONITORING AND MANAGEMENT
(51) Int. Cl.
G05B 19/02 (2006.01)
G01D 4/00 (2006.01)
H02J 13/00 (2006.01)
(45) 06.01.2022
(62) 2018100186
(72) Neal, Peter
(74) Pini IP
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- (71)** PowerPal Pty Ltd
(11) AU-A-2021107622
(21) 2021107622 **(22)** 24.11.2021
(54) Power Consumption Monitoring and Management
(51) Int. Cl.
G05B 19/02 (2006.01)
H02J 13/00 (2006.01)
(45) 06.01.2022
(62) 2021107583
(72) Neal, Peter
(74) Pini IP
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- (71)** PowerPal Pty Ltd
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(21) 2021107623 **(22)** 24.11.2021
(54) Power Consumption Monitoring and Management
(51) Int. Cl.
G05B 19/02 (2006.01)
H02J 13/00 (2006.01)
H04W 88/00 (2009.01)
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(72) Neal, Peter
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(72) Neal, Peter
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(21) 2021107368
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- (71)** Purifas Holdings Pty Ltd
(11) AU-A-2021107569
(21) 2021107569 **(22)** 27.09.2021
(54) Bed Sheet and Associated Assembly
(51) Int. Cl.
A47C 21/02 (2006.01)
A47C 31/10 (2006.01)
A61F 5/48 (2006.01)
A61F 13/15 (2006.01)
A61G 7/05 (2006.01)
A47C 31/00 (2006.01)
A47G 9/00 (2006.01)
A61F 13/56 (2006.01)
(45) 06.01.2022
(62) 2021221404
(72) Samaan, Ibrahim
(74) Clark Intellectual Property Pty Ltd
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(11) AU-A-2021107526
(21) 2021107526 **(22)** 25.02.2021
(54) The preparation method and application of malic acid-chitosan nanoporous hydrogel microspheres
(51) Int. Cl.
B01J 20/24 (2006.01)
B01J 20/28 (2006.01)
C02F 1/28 (2006.01)
C08B 37/08 (2006.01)
(31) 202110160375.4 **(32)** 05.02.21 **(33)** CN
(45) 06.01.2022
(72) XTE, Wancui; YANG, Xihong; SONG, Lin; CHE, Hongxia; DONG, Xiufang; LI, Hongyan; HU, Xiaoqun; GUO, Hao
(74) Alder IP Pty Ltd
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- R, J.E. see CHILAMKURTI, N.**
(21) 2021107059
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- (71)** R.T, S.; Subramanian, A.B.; S, S.
(11) AU-A-2021107205
(21) 2021107205 **(22)** 25.08.2021
(54) DEEP LEARNING BASED SYSTEM AND METHOD FOR AUTOMATIC IDENTIFICATION OF COVID-19 REGIONS ON CT-IMAGES
(51) Int. Cl.
G06T 7/00 (2017.01)
G06K 7/00 (2006.01)
G06K 9/00 (2006.01)
G06N 3/02 (2006.01)
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 SUBRAMANIAN

(71) Raman, S.
 (11) AU-A-2021106903
 (21) 2021106903 (22) 24.08.2021
 (54) A METHOD AND SYSTEM FOR
 WRITING AN EFFECTIVE THESIS
 FOR APPLIED RESEARCH PROJECT
 (51) Int. Cl.
 G09B 5/00 (2006.01)
 (45) 06.01.2022
 (72) Raman, Seetha
 (74) Dr. Seetha Raman

Rama Prasad, C.V.S. see Kumar, R.
 (21) 2021106803

(71) Reddy, T.M.
 (11) AU-A-2021107520
 (21) 2021107520 (22) 25.08.2021
 (54) Underground Portable Precise Irrigation
 Device with backup water storage
 (51) Int. Cl.
 A01G 25/02 (2006.01)
 E03B 3/06 (2006.01)
 (45) 06.01.2022
 (72) Reddy, Tammanagari Meghna
 (74) Tammanagari Meghna Reddy

(71) Redei Innovations Pty Ltd
 (11) AU-A-2021107598
 (21) 2021107598 (22) 29.10.2021
 (54) Electrical supply system
 (51) Int. Cl.
 H02J 3/38 (2006.01)
 H02J 3/32 (2006.01)
 H02J 3/36 (2006.01)
 H02J 7/00 (2006.01)
 H02J 7/35 (2006.01)
 H02M 5/40 (2006.01)
 H02M 7/02 (2006.01)
 H02M 7/66 (2006.01)
 (45) 06.01.2022
 (62) 2021218138
 (72) Brown, Stuart James; Jung, Daniel
 Joseph; Treanor, David John; Sinkins,
 Ian
 (74) BRM Patent Attorneys Pty Ltd

(71) Redmayne, J.
 (11) AU-A-2021107561
 (21) 2021107561 (22) 22.09.2021
 (54) A Trap
 (51) Int. Cl.
 A01M 23/00 (2006.01)
 A01M 23/24 (2006.01)
 A01M 27/00 (2006.01)
 A01M 31/00 (2006.01)
 (45) 06.01.2022
 (62) 2016348217
 (72) Redmayne, John
 (74) James & Wells Intellectual Property

(71) Rezic Solutions Pty Ltd
 (11) AU-A-2021107586
 (21) 2021107586 (22) 20.10.2021
 (54) Construction of a building using precast
 panels
 (51) Int. Cl.
 E04B 1/38 (2006.01)
 E04B 1/24 (2006.01)
 E04B 1/343 (2006.01)
 E04B 2/02 (2006.01)
 E04B 2/04 (2006.01)
 E04B 2/56 (2006.01)
 E04C 2/06 (2006.01)
 E04B 1/41 (2006.01)
 (45) 06.01.2022
 (62) 2020101961
 (72) Johnson, Michael
 (74) Adams Pluck

Ritika, .. see Kumar, R.
 (21) 2021106803

(71) Riway (Singapore) Pte. Ltd.
 (11) AU-A-2021107558
 (21) 2021107558 (22) 24.08.2021
 (54) SIRT1 activators
 (51) Int. Cl.
 A61K 31/575 (2006.01)
 A61K 31/121 (2006.01)
 A61K 36/074 (2006.01)
 A61P 39/06 (2006.01)
 C12P 33/00 (2006.01)
 (45) 06.01.2022
 (72) LIM, Boom Hong
 (74) Spruson & Ferguson

(71) Rong, J.
 (11) AU-A-2021107517
 (21) 2021107517 (22) 25.08.2021
 (54) A digital platform and ecosystem to
 match and expand digital content busi-
 nesses from mature to immature mar-
 kets legally, and more transparently and
 efficiently.
 (51) Int. Cl.
 G06Q 10/06 (2012.01)
 G06Q 30/02 (2012.01)
 G06Q 30/06 (2012.01)
 (45) 06.01.2022
 (72) Rong, Jin
 (74) Jin Rong

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 (21) 2021107205

SAHOO, B.M. see KUMAR, M.
 (21) 2021107518

Saini, A.K. see Saini, V.
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(71) Saini, V.; Saini, A.K.; Saini, R.V.; Singh,
 L.
 (11) AU-A-2021107465
 (21) 2021107465 (22) 25.08.2021
 (54) Novel assay methods for PANTO-
 PRAZOLE (EC) pellets
 (51) Int. Cl.
 G01N 1/38 (2006.01)
 C07D 401/12 (2006.01)
 (45) 06.01.2022
 (72) Saini, Vipin; Saini, Adesh Kumar; Saini,
 Reena V.; Singh, Lakhwinder
 (74) IP NATION

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(71) Saini, V.; Hedau, P.B.; Saini, A.K.; Saini,
 R.V.; Mittal, A.; Goyal, G.L.; Siwal, S.S.
 (11) AU-A-2021107466
 (21) 2021107466 (22) 25.08.2021
 (54) A novel HPLC assay method for detec-
 tion of Desmopressin Acetate from tab-
 let dosage form
 (51) Int. Cl.
 G01N 30/22 (2006.01)
 A61K 38/095 (2019.01)
 C07K 7/06 (2006.01)
 G01N 30/02 (2006.01)
 G01N 33/00 (2006.01)
 (45) 06.01.2022
 (72) Saini, Vipin; Hedau, Prashant Banan-
 rao; Saini, Adesh Kumar; Saini, Reena
 V.; Mittal, Amit; Goyal, Gurdev Lal; Siw-
 al, Samarjeet Singh
 (74) IP NATION

Saini, V. see Singh, L.
 (21) 2021107512

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 (21) 2021107512

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 (21) 2021107518

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 (21) 2021106681

Satpathy, R. see Sreenivasulu, M.
 (21) 2021107349

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(21) 2021107373

(71) Schneider Electric (Australia) Pty Limited
(11) AU-A-2021107590
(21) 2021107590 (22) 22.10.2021
(54) CONNECTORS FOR ELECTRICAL SYSTEM
(51) Int. Cl.
H01R 13/502 (2006.01)
H01H 9/02 (2006.01)
H01H 21/04 (2006.01)
H01H 21/12 (2006.01)
H01H 21/20 (2006.01)
H01R 13/42 (2006.01)
H01R 13/422 (2006.01)
H01R 13/506 (2006.01)
H01R 13/508 (2006.01)
H01R 13/514 (2006.01)
H01R 13/70 (2006.01)
H01R 13/73 (2006.01)
H01R 24/78 (2011.01)
H02B 1/46 (2006.01)
H02G 3/08 (2006.01)
H02G 3/14 (2006.01)
H05K 5/02 (2006.01)
(45) 06.01.2022
(62) 2016235020
(72) Lifran, Xavier
(74) Madderns Pty Ltd

SEMALTY, M. see SEMALTY, A.
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(71) SEMALTY, A.; SEMALTY, M.
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(54) HERBAL HAIR OIL FORMULATION FOR ANDROGENETIC ALOPECIA: A NOVEL PROCESS TO PRODUCE A NOVEL AND EFFECTIVE HERBAL OIL
(51) Int. Cl.
A61K 36/886 (2006.01)
A61K 8/92 (2006.01)
A61K 8/9789 (2017.01)
A61K 8/9794 (2017.01)
A61K 36/48 (2006.01)
A61K 47/44 (2017.01)
A61P 17/14 (2006.01)
A61Q 7/00 (2006.01)
(45) 06.01.2022
(72) SEMALTY, AJAY; SEMALTY, MONA; ADHIKARI, LOKESH; PANDEY, MUKESH; MISHRA, HIMANSHU
(74) AJAY SEMALTY

Shanthy, G.V. see Manda, S.
(21) 2021106805

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(21) 2021107081

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(21) 2021107368

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(21) 2021107518

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(21) 2021106378

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(21) 2021107368

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(21) 2021106378

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(21) 2021107512 (22) 25.08.2021
(54) Novel dissolution methods for RABEPRAZOLE SODIUM (EC) + EVO-SULPIRIDE (SR) pellets
(51) Int. Cl.
G01N 33/15 (2006.01)
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(54) Encryption key management for international data residency
(51) Int. Cl.
H04L 9/08 (2006.01)
G06F 21/60 (2013.01)
(45) 06.01.2022
(62) 2020104253
(72) DRUMMOND, Audrey; BHATTACHARJEE, Deep; SCHEINBLUM, James; GHIRMAI, Eden; HAMRICK, Stephen; CROWLEY, Richard; GORHAM, Lydia; MEHTA, Pooja; LARGMAN, Raissa; NGUYEN, Karen
(74) FB Rice Pty Ltd

(71) Snap-on Incorporated
(11) AU-A-2021107600
(21) 2021107600 (22) 21.09.2021
(54) Caster wheel
(51) Int. Cl.
B60B 33/00 (2006.01)
(45) 06.01.2022
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(74) Griffith Hack

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(54) Pergola Louver Tilt System
(51) Int. Cl.
E04F 10/10 (2006.01)
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(72) Soetanto, Johanes
(74) Dentons Patent Attorneys Australasia Limited

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(21) 2021106805

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(11) AU-A-2021107349
(21) 2021107349 (22) 25.08.2021
(54) A WEB-ENABLED SMART HOME GATEWAY FOR AUTOMATIC DEVICE AND NETWORK CONFIGURATION AND AUTOMATIC SYSTEM UPDATES VIA IOT
(51) Int. Cl.
G16Y 10/80 (2020.01)
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(45) 06.01.2022
(72) Sreenivasulu, Mude; Perli, Suresh Babu; K. R., Sekar; N., Padmaja; Pallathadka, Arun Kumar; Satpathy, Rabinarayan
(74) Create Protect

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(11) AU-A-2021107626
(21) 2021107626 (22) 26.11.2021
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(51) Int. Cl.
G06Q 50/16 (2012.01)
G06Q 30/02 (2012.01)
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G16H 50/20 (2018.01)
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(74) APPAVU ALIAS BALAMURUGAN SUBRAMANIAN

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(11) AU-A-2021107599
(21) 2021107599 (22) 06.01.2021
(54) Continuous electrophoretic deposition modified carbon fiber reinforced multi-matrix composite and preparation method thereof
(51) Int. Cl.
C25D 13/02 (2006.01)
C04B 35/622 (2006.01)
C25D 13/20 (2006.01)
(31) 202011523615.4 (32) 22.12.20 (33) CN
(45) 06.01.2022
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(54) CASH TRANSACTION SYSTEM AND METHOD
(51) Int. Cl.
G06Q 20/18 (2012.01)
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G07F 19/00 (2006.01)
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(72) Glen, David
(74) Gestalt Law Pty Ltd

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(54) A HOLDER AND DISPLAY MEANS
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(72) Jamieson, Andrew
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(11) AU-A-2021107536
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B62D 13/02 (2006.01)
B62D 53/00 (2006.01)
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(74) FB Rice Pty Ltd

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(21) 2021107553 (22) 10.06.2021
(54) LOCATING A DRILL HEAD OF A GROUND DRILLING DEVICE
(51) Int. Cl.
E21B 47/09 (2012.01)
B64C 39/02 (2006.01)
E21B 47/0232 (2012.01)
E21B 47/12 (2012.01)
(45) 06.01.2022
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(72) Fischer, Sebastian
(74) Phillips Ormonde Fitzpatrick

(71) Tuffstuff International Pty Ltd
(11) AU-A-2021107628
(21) 2021107628 (22) 26.11.2021
(54) Roller Support Apparatus & Method
(51) Int. Cl.
B65G 39/12 (2006.01)
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(72) Holford, Graham Dean
(74) Caska Intellectual Property Pty Ltd

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(21) 2021106378

(71) Usman, M.R.M.
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(51) Int. Cl.
G01N 1/40 (2006.01)
A61K 36/185 (2006.01)
(45) 06.01.2022
(72) Usman, Mohammed Rageeb Mohammed; Pathak, Minakshi; Gadekar, Snehal Sukadeo; Laddha, Umesh Dilip; Usman, Mohammed Zuber Shaikh
(74) Mohammed Rageeb Mohammed Usman

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(21) 2021106378

(71) van der Westhuizen, M.
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(54) MOBILE DEVICE WITH WHISPER FUNCTION
(51) Int. Cl.
H04R 1/10 (2006.01)
H04M 1/05 (2006.01)
H04R 25/00 (2006.01)
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G06Q 10/08 (2012.01)
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G06Q 50/28 (2012.01)
G16Y 10/00 (2020.01)
H04W 4/029 (2018.01)
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2021107629 Aero-Tech Pty Ltd
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<u>G07F 19 /-</u>	2021107590	<u>H03K 17 /-</u>	<u>H05B 47 /-</u>
2021107597	2021107596		
		2021107568	2021107617
<u>G08B 17 /-</u>	<u>H02G 9 /-</u>	<u>H04L 29 /-</u>	2021107619
2021107584	2021107596		2021107620
		2021107510	2021107621
<u>G09B 5 /-</u>	<u>H02H 3 /-</u>	2021107514	<u>H05K 5 /-</u>
2021106903	2021107584	<u>H04L 9 /-</u>	2021107525
2021107511	<u>H02J 1 /-</u>	2021107603	2021107590
			<u>No IPC Mark</u>
<u>G10L 15 /-</u>	2021107557	<u>H04M 1 /-</u>	
2021107566	<u>H02J 13 /-</u>	2021107566	
		2021107609	
<u>G16H 10 /-</u>	2021107583	<u>H04M 3 /-</u>	
2021107618	2021107622		
	2021107623	2021107609	
<u>G16H 50 /-</u>	<u>H02J 3 /-</u>	<u>H04N 13 /-</u>	
2021107373	2021107535		
2021107413	2021107557	2021107566	
2021107511	2021107598	<u>H04N 5 /-</u>	
	2021107619		
<u>G16Y 10 /-</u>	2021107620	2021107587	
2021107059	2021107621		
2021107349	<u>H02J 7 /-</u>	<u>H04N 7 /-</u>	
2021107567			
	2021107598	2021107566	
<u>G16Y 40 /-</u>	2021107619	<u>H04Q 9 /-</u>	
2021107349	2021107620		
	2021107621	2021102851	
<u>G21K 1 /-</u>	<u>H02K 47 /-</u>	<u>H04R 1 /-</u>	
2021107549			
2021107550	2021107610	2021107566	
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<u>H01H 21 /-</u>	2021107557	<u>H04R 25 /-</u>	
2021107590			
	<u>H02M 5 /-</u>	2021107566	
<u>H01H 9 /-</u>	2021107598	<u>H04W 4 /-</u>	
2021107590			
	<u>H02M 7 /-</u>	2021107567	
<u>H01M 16 /-</u>		<u>H04W 48 /-</u>	
2021107557	2021107557		
	2021107598	2021107619	
<u>H01M 8 /-</u>	<u>H02P 9 /-</u>	2021107620	
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		<u>H04W 52 /-</u>	
<u>H01R 13 /-</u>			
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(51) Int. Cl.
E05B 47/00 (2006.01)
E05B 45/08 (2006.01)
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(21) 2020296902 **(22)** 16.06.2020
(54) Bolt identity
(51) Int. Cl.
E05B 41/00 (2006.01)
E05B 15/10 (2006.01)
E05B 45/08 (2006.01)
E05B 47/00 (2006.01)
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E05D 15/24 (2006.01)
E05F 15/668 (2015.01)
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(21) 2020278871 **(22)** 18.05.2020
(54) Sliding panel lock assembly
(51) Int. Cl.
E05C 1/16 (2006.01)
E05B 1/00 (2006.01)
E05B 9/00 (2006.01)
E05B 9/08 (2006.01)
E05B 13/00 (2006.01)
E05B 65/08 (2006.01)
E05C 3/16 (2006.01)
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(74) Ellis Terry
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(51) Int. Cl.
E05B 63/06 (2006.01)
E05B 15/00 (2006.01)
E05B 63/08 (2006.01)
E05C 1/06 (2006.01)
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(72) QIN, Konghua
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(54) Methods for treating chronic obstructive pulmonary disease in an enhanced patient population using benralizumab
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A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61P 11/00 (2006.01)
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(51) Int. Cl.
B22F 9/04 (2006.01)
B28B 1/00 (2006.01)
C01G 19/02 (2006.01)
C01G 23/00 (2006.01)
C23C 14/22 (2006.01)
C23C 14/28 (2006.01)
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A61B 5/053 (2006.01)
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(74) Origin Patent and Trade Mark Attorneys
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(54) Sake replicas produced from individual components
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A61K 35/586 (2015.01)
A61K 35/60 (2006.01)

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G01N 33/92 (2006.01)
G01N 30/72 (2006.01)
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(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 31/426 (2006.01)
A61K 31/4745 (2006.01)
C07D 233/02 (2006.01)
C07D 239/04 (2006.01)
C07D 239/70 (2006.01)
C07D 241/44 (2006.01)
C07D 277/34 (2006.01)
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(21) 2020299117 **(22)** 30.04.2020
(54) Polymorphic conducted electrical weapon
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F41H 13/00 (2006.01)
F42B 5/02 (2006.01)
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B08B 9/055 (2006.01)
F16L 55/42 (2006.01)
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(54) Hydraulic setting tool including a fluid metering feature
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E21B 34/10 (2006.01)
E21B 33/12 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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F16B 2/18 (2006.01)
E04D 15/00 (2006.01)
F16B 5/06 (2006.01)
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(43) 16/876,674 18.05.20 US
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(21) 2020276750 **(22)** 08.05.2020
(54) System, closure, and interconnect for managing a beverage in a bulk liquid container
(51) Int. Cl.
B67C 3/30 (2006.01)
A23L 2/00 (2006.01)
B65B 3/24 (2006.01)
B65D 51/00 (2006.01)
C12H 1/00 (2006.01)
C12L 11/00 (2006.01)
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(51) Int. Cl.
A01N 25/10 (2006.01)
A01N 43/54 (2006.01)
A01P 13/00 (2006.01)
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(74) Griffith Hack
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(21) 2020286660 **(22)** 05.06.2020
(54) Device and method for forming at least one ground truth database for an object recognition system
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G06K 9/62 (2006.01)
G06K 9/20 (2006.01)
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(31) 19179166.4 **(32)** 07.06.19 **(33)** EP
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(54) System and method for object recognition using three dimensional mapping tools in a computer vision application
(51) Int. Cl.
G06K 9/00 (2006.01)
G01B 11/00 (2006.01)
G06K 9/46 (2006.01)
G06T 7/50 (2017.01)
(87) WO2020/245441
(31) 19179172.2 **(32)** 07.06.19 **(33)** EP
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G06K 9/00 (2006.01)
G01M 3/38 (2006.01)
G01N 21/64 (2006.01)
G06K 9/20 (2006.01)
G06K 9/46 (2006.01)
G06K 9/62 (2006.01)
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 (54) System and method for object recognition using fluorescent and antireflective surface constructs
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G06K 9/20 (2006.01)
G02B 5/30 (2006.01)
G02F 1/1363 (2006.01)
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 (21) 2020288708 (22) 05.06.2020
 (54) System and method for object recognition using 3D mapping and modeling of light
 (51) Int. Cl.
G06K 9/00 (2006.01)
G06K 9/46 (2006.01)
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 (21) 2020288852 (22) 05.06.2020
 (54) System and method for object recognition under natural and/or artificial light
 (51) Int. Cl.
G06K 9/20 (2006.01)
G06K 9/46 (2006.01)
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 (51) Int. Cl.
B22F 1/00 (2006.01)
B22F 9/24 (2006.01)
B42D 25/328 (2014.01)
B42D 25/351 (2014.01)
B42D 25/36 (2014.01)
B42D 25/364 (2014.01)
B42D 25/373 (2014.01)
B42D 25/378 (2014.01)
C08K 3/08 (2006.01)

C09D 5/29 (2006.01)
C09D 7/40 (2018.01)
C09D 11/037 (2014.01)
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H01F 1/00 (2006.01)
B32B 1/02 (2006.01)
C08K 3/22 (2006.01)
C08K 3/30 (2006.01)
C08K 9/08 (2006.01)
C08L 25/18 (2006.01)
C08L 79/02 (2006.01)
H01F 1/42 (2006.01)
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A01N 43/60 (2006.01)
A01N 43/56 (2006.01)
A01N 43/58 (2006.01)
A01N 43/707 (2006.01)
C07D 401/04 (2006.01)
C07D 403/04 (2006.01)
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 (54) Neuraxial connector
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 MARICI, Paul P.
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 A61M 25/00 (2006.01)
 A61M 39/22 (2006.01)
 A61M 25/06 (2006.01)
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 F03D 7/02 (2006.01)
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 (51) Int. Cl.
 H02K 1/18 (2006.01)
 H02K 1/27 (2006.01)
 H02K 15/00 (2006.01)
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 (51) Int. Cl.
 H02K 1/12 (2006.01)
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 (74) Madderns Pty Ltd

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 A41B 11/00 (2006.01)
 A61F 13/08 (2006.01)
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A61B 90/00 (2016.01)
A61F 2/04 (2013.01)
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G01K 1/08 (2021.01)
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B33Y 80/00 (2015.01)
C09D 11/101 (2014.01)
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B60T 13/66 (2006.01)
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C08G 18/18 (2006.01)
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G01S 5/06 (2006.01)
H04W 48/10 (2009.01)
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H04W 52/24 (2009.01)
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A47L 9/04 (2006.01)
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C07H 15/20 (2006.01)
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B65D 45/32 (2006.01)
B65D 43/02 (2006.01)
B65D 43/10 (2006.01)
B65D 81/38 (2006.01)
A47J 41/00 (2006.01)
B44D 3/12 (2006.01)
B65D 21/02 (2006.01)
B65D 51/16 (2006.01)
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B65H 75/44 (2006.01)
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(43) 04.02.2021
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G06N 20/00 (2019.01)
G06K 9/00 (2006.01)
G07C 9/30 (2020.01)
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A61L 2/00 (2006.01)
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A61L 2/10 (2006.01)
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G01K 3/10 (2006.01)
G08B 21/18 (2006.01)
G16H 40/40 (2018.01)
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H05B 45/44 (2020.01)
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C10L 1/23 (2006.01)
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G16H 50/20 (2018.01)
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F04D 25/08 (2006.01)
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H03K 19/195 (2006.01)
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C23C 16/04 (2006.01)
G03F 1/20 (2012.01)
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A01N 63/20 (2020.01)
A01N 63/50 (2020.01)
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C12N 5/00 (2006.01)
G16B 5/00 (2019.01)
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G06K 19/06 (2006.01)
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H01L 21/98 (2006.01)
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G16H 20/30 (2018.01)
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(51) Int. Cl.
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A23L 33/00 (2016.01)
A23P 30/20 (2016.01)
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C07K 14/705 (2006.01)
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C12N 5/10 (2006.01)
A61K 35/17 (2015.01)
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A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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H04R 25/00 (2006.01)
H02J 7/00 (2006.01)
H04R 1/10 (2006.01)
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(54) Oral pouched product
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/465 (2006.01)
(87) WO2020/244723
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A61K 9/00 (2006.01)
A61K 31/465 (2006.01)
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(54) Nicotine pouch product
(51) Int. Cl.
A24B 13/00 (2006.01)
A24B 15/10 (2006.01)
A61K 9/00 (2006.01)
A61K 31/465 (2006.01)
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(54) Nicotine pouch composition
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/465 (2006.01)
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G06F 40/47 (2020.01)
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 A61N 1/04 (2006.01)
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 A61N 1/36 (2006.01)
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 A01H 5/10 (2018.01)
 A01H 1/04 (2006.01)
 A01H 5/02 (2018.01)
 A01H 6/28 (2018.01)
 B01D 11/00 (2006.01)
 C12N 15/05 (2006.01)
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 C07K 16/28 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
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 B65D 5/52 (2006.01)
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 (51) Int. Cl.
 A24F 40/465 (2020.01)
 A24F 40/51 (2020.01)
 H02M 7/48 (2007.01)
 H05B 6/06 (2006.01)
 H05B 6/10 (2006.01)
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 A24F 40/465 (2020.01)
 A24F 40/50 (2020.01)
 H02M 7/48 (2007.01)
 H05B 6/06 (2006.01)
 H05B 6/10 (2006.01)
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 A24F 40/465 (2020.01)
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 H02M 7/48 (2007.01)
 H05B 6/06 (2006.01)
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 H05K 1/02 (2006.01)
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C07K 14/705 (2006.01)
C12N 1/18 (2006.01)
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C12P 7/06 (2006.01)
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C12N 9/26 (2006.01)
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C12N 9/36 (2006.01)
C12N 9/42 (2006.01)
C12N 9/52 (2006.01)
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F16C 17/03 (2006.01)
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C07D 401/14 (2006.01)
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C07D 403/12 (2006.01)
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A43B 7/36 (2006.01)
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H04L 27/20 (2006.01)
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G01R 31/12 (2020.01)
H01F 30/16 (2006.01)
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G01N 27/90 (2006.01)
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 C07D 249/04 (2006.01)
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B01J 20/24 (2006.01)
B01J 20/28 (2006.01)
B01J 20/30 (2006.01)
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H04N 19/176 (2014.01)
H04N 19/593 (2014.01)
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 cess during conditional handover exe-
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H04W 36/00 (2009.01)
H04B 7/0408 (2017.01)
H04W 36/08 (2009.01)
H04W 74/02 (2009.01)
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(54) Binarization in transform skip residual
 coding
(51) Int. Cl.
H04N 19/13 (2014.01)
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H04B 7/04 (2017.01)
H04B 7/06 (2006.01)
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H01H 1/54 (2006.01)
B60M 5/02 (2006.01)
H01H 79/00 (2006.01)
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H01H 1/54 (2006.01)
B60M 5/02 (2006.01)
H01H 79/00 (2006.01)
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A61F 2/42 (2006.01)
A61F 2/46 (2006.01)
A61L 27/00 (2006.01)
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A61K 31/4045 (2006.01)
A61P 25/18 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
A61P 25/30 (2006.01)
C07D 209/16 (2006.01)
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E03B 7/02 (2006.01)
E03B 7/07 (2006.01)
F16K 37/00 (2006.01)
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G06F 21/34 (2013.01)
B25H 5/00 (2006.01)
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G06Q 10/08 (2012.01)
H04L 29/06 (2006.01)
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B25H 3/02 (2006.01)
G06F 16/583 (2019.01)
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C12M 1/00 (2006.01)
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A61K 48/00 (2006.01)
C07K 14/03 (2006.01)
C12N 5/10 (2006.01)
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A61K 39/07 (2006.01)
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C08L 39/02 (2006.01)
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C07D 253/02 (2006.01)
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C12Q 1/68 (2018.01)
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F16J 15/00 (2006.01)
F16J 15/06 (2006.01)
F16L 23/18 (2006.01)
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A01N 43/653 (2006.01)
A01N 25/02 (2006.01)
A01P 3/00 (2006.01)
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A01N 25/04 (2006.01)
A01N 43/653 (2006.01)
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(54) Liquid composition comprising mefen-tri-fluconazole
- (51) Int. Cl.
A01N 25/02 (2006.01)
A01N 25/30 (2006.01)
A01N 43/653 (2006.01)
A01P 3/00 (2006.01)
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A01N 25/00 (2006.01)
A01N 25/02 (2006.01)
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B41M 3/14 (2006.01)
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C09D 11/037 (2014.01)
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A61K 31/40 (2006.01)
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H04W 56/00 (2009.01)
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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
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B81C 1/00 (2006.01)
A61M 11/00 (2006.01)
B41J 2/14 (2006.01)
H01L 21/98 (2006.01)
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G06F 9/455 (2018.01)
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G06Q 20/40 (2012.01)
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A61H 23/02 (2006.01)
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C12P 13/10 (2006.01)
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C07B 59/00 (2006.01)
C07D 401/06 (2006.01)
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C07F 9/6558 (2006.01)
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C07K 14/045 (2006.01)
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A61P 1/16 (2006.01)
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A23L 3/3409 (2006.01)
B65B 3/00 (2006.01)
B65B 7/28 (2006.01)
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B67C 3/22 (2006.01)
C02F 1/461 (2006.01)
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H04W 36/00 (2009.01)
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B60L 53/30 (2019.01)
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A61B 5/00 (2006.01)
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A61M 16/06 (2006.01)
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A47J 37/07 (2006.01)
A23B 4/044 (2006.01)
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A01G 33/00 (2006.01)
A01G 18/00 (2018.01)
B01D 67/00 (2006.01)
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B01D 71/00 (2006.01)
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 (54) A biocompatible membrane composite
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B01D 69/02 (2006.01)
B01D 69/12 (2006.01)
B01D 71/36 (2006.01)
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 (54) A biocompatible membrane composite
 (51) Int. Cl.
A61F 2/02 (2006.01)
A61L 27/16 (2006.01)
A61L 27/34 (2006.01)
A61L 27/38 (2006.01)
A61L 27/50 (2006.01)
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 (54) Cell encapsulation devices with controlled oxygen diffusion distances
 (51) Int. Cl.
B01D 69/02 (2006.01)
B01D 69/12 (2006.01)
B01D 71/36 (2006.01)
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A61L 27/16 (2006.01)
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DONG, Fei; HAN, Xianghui
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2019280450	The University of Queensland	2020265655	Stokely-Van Camp, Inc.
2019443412	Xylem Europe GmbH	2020265749	Juno Therapeutics, Inc.
2019444087	Jinan Rail Transit Group Co., Ltd.	2020266043	Norton (Waterford) Limited
2019444189	Hanshow Technology Co., Ltd.	2020266421	Gallagher Group Limited
2019444497	Tritone Technologies Ltd.	2020266677	New York University; PureTech Lyt, Inc.
2019445457	Feed Research Institute, Chinese Academy of Agricultural Sciences.	2020266993	Xenothera
2019445705	Heatworks Technologies, Inc.	2020267355	Praxis Precision Medicines, Inc.
2019445706	Sami-Sabinsa Group Limited	2020267356	Praxis Precision Medicines, Inc.
2019445801	Nokia Technologies Oy	2020267477	ICU Medical, Inc.
2019446081	LTZ - Zentrum für Luft- und Trinkwasserhygiene GmbH	2020267488	Fountain Master, LLC
2019446520	Z Energy Limited	2020267498	Apple Inc.
2019447706	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2020267559	Inhibrx, Inc.; 2seventy bio, Inc.
2019447765	Mazoil Technologies Limited	2020267589	Musculoskeletal Transplant Foundation
2019449126	Nippon Telegraph and Telephone Corporation	2020267597	Meyer Sound Laboratories, Incorporated
2019449128	Nippon Telegraph and Telephone Corporation	2020267601	Goodrich, D.P.
2019449200	Qualcomm Incorporated	2020267632	Mack Rides GmbH & Co. KG
2019449365	Mitsubishi Electric Corporation	2020267639	2seventy bio, Inc.; Inhibrx, Inc.
2019449373	Industry-Academic Cooperation Foundation Gyeongsang National University; Consiglio Nazionale Delle Ricerche	2020267641	Medigene Immunotherapies GmbH; 2seventy bio, Inc.
2019449397	Metso Outotec (Finland) Oy	2020267673	New West Genetics Inc.
2019449465	Manfrinato Cambria, L.	2020267677	Daktronics, Inc.
2019449475	ShanghaiTech University	2020267745	Landis+Gyr Innovations, Inc.
2019449993	N.V. Nutricia	2020267822	Elaflex Hiby GmbH & Co. KG
2019450008	The Brigham and Women's Hospital, Inc.	2020268088	Royal Melbourne Institute of Technology
2019450341	N.V. Nutricia	2020268171	Medtronic, Inc.
2019450366	Io Therapeutics, Inc.; Board of Regents, The University of Texas System	2020268215	OTR Wheel Safety, Inc.
2019450564	N.V. Nutricia	2020268279	OTSL Inc.; Fuji Tecom Inc.
2019450565	N.V. Nutricia	2020268329	RVL Pharmaceuticals, Inc.
2019450666	Material Technology Innovations Co., Ltd.	2020268368	University of Miami; University of Rochester; UCL Business Ltd
2019450775	Mitsubishi Electric Corporation	2020268379	Inhibrx, Inc.; 2seventy bio, Inc.
2019450805	Qualcomm Incorporated	2020268394	Precision Biosciences, Inc.
2019451095	Garcia Da Costa, R.; Clarke, I.	2020268397	BioNTech US Inc.; Stichting Het Nederlands Kanker Instituut Antoni van Leeuwenhoek ziekenhuis
2019451355	FUJIFILM Business Innovation Corp.	2020268649	Koninklijke Philips N.V.
2019451649	CAELIMP	2020268667	LG Electronics Inc.
2019452898	Microsoft Technology Licensing, LLC	2020268687	ASSA ABLOY New Zealand Limited
2019453235	ViaSat, Inc.	2020268705	Medtronic, Inc.
2019453263	Symrise AG	2020268734	Medtronic, Inc.
2019453488	Herrera, L.	2020268858	C-Paste Limited
2019453690	MGI Tech Co., Ltd.	2020268935	Shanghai Futai Technology Co., Ltd.
2019454248	Motorola Solutions, Inc	2020268963	Holfeld, B.G.
2019454265	SidePrize LLC	2020269078	Antisense Therapeutics Ltd
2019454278	Google LLC	2020269176	Medtronic, Inc.
2019454618	ZTE Corporation	2020269178	Medtronic, Inc.
2019454975	Yorglass Cam Sanayi Ve Ticaret Anonim Şirketi	2020269255	Bioniz, LLC
2019456606	Mineed Technology Company Limited	2020269506	Bicycletx Limited
2019456623	Becton, Dickinson and Company	2020269508	Neurovalens, Ltd.
2019457744	Altop Patents III B.V.	2020269512	Brooks England Limited
2019459230	Microsoft Technology Licensing LLC	2020269575	Olson, M.; Rashidinejad, A.
2019459231	Microsoft Technology Licensing, LLC	2020269663	Kaishot Co., Ltd.; Uhm, H.
2019460126	Halliburton Energy Services, Inc.	2020269750	LG Electronics Inc.
2019460763	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2020269761	Auckland University of Technology (AUT)
2019465017	Halliburton Energy Services, Inc.	2020269835	BASF SE
2019471828	Technronic Cordless GP	2020269877	Moredu Research Institute
2019474912	Immunicom, Inc.	2020269924	Moodagent A/S
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2020256634	Shark Stop Australia Pty Ltd	2020269986	K.Gkikas & Co LP
2020264426	Cannadol Pharmaceuticals	2020270005	Allergan Pharmaceuticals International Limited
2020264441	Next Jump, Inc.	2020270065	Spinal Elements, Inc.
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		2020273585	Droptest GmbH
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2020273695	Qilu Pharmaceutical Co., Ltd.	2020279927	Novartis AG
2020273903	ProGen Co., Ltd.	2020279966	VeoSource SA
2020273930	Jafari, A.; Hand, S.; Osman, M.	2020279977	PepsiCo, Inc.
2020274098	Synlogic Operating Company, Inc.	2020279992	Hy-Tech Drilling Ltd.
2020274165	ArthroSi Therapeutics, Inc.	2020280018	The Regents of the University of California
2020274179	Alta Smiles, LLC	2020280074	Joby Aero, Inc.
2020274220	Viawa GmbH	2020280119	Mercator Pty Ltd
2020274222	Mack Rides GmbH & Co. KG	2020280226	Firebrick Pharma Limited
2020274548	Shenyang Fuyang Pharmaceutical Technology Co., Ltd.	2020280263	LoopLearn Pty Ltd
2020274569	Nanjing Legend Biotech Co., Ltd.	2020280439	Suzhou Ribo Life Science Co., Ltd.
2020274599	Henkel AG & Co. KGaA	2020280687	ASSA Abloy Entrance Systems AB
2020274630	SmartValve Limited	2020280897	Expro North Sea Limited
2020274735	ExThera Medical Corporation	2020280905	MedImmune Limited
2020274768	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2020281307	BIOS Health Ltd.
2020274833	Shanghai GP Biotech Co. Ltd.	2020281411	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
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2020275049	Nanjing Legend Biotech Co., Ltd.	2020281866	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2020275066	Alfa Laval Corporate AB	2020281923	Chiesi Farmaceutici S.p.A.
2020275382	Massachusetts Institute of Technology	2020281943	King's College London
2020275407	PPG Industries Ohio, Inc.	2020282010	Ganymed Robotics
2020275664	Brant, C.	2020282018	Camurus AB
2020275763	Volta Charging, LLC	2020282355	W. L. Gore & Associates, Inc.; ViaCyte, Inc.
2020275841	Bio Med Sciences, Inc.	2020282359	Deti, L.
2020275846	Hole-In-One Media, Inc.	2020282377	Tekelek Australia Pty Ltd
2020275884	Trustees of Boston University	2020282473	Shanghai Hansoh Biomedical Co., Ltd.; Jiangsu Hansoh Pharmaceutical Group Co., Ltd.
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2020276307	University of Washington	2020282726	InCube Labs, LLC
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2020276421	Editorji Technologies Private Limited	2020283011	GC Corporation
2020276522	Huawei Technologies Co., Ltd.	2020283038	RNAissance Ag, LLC
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2020276790	EVCO Pro 2018 Ltd	2020283069	American Gene Technologies International Inc.
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2020277022	Parfums De Coeur, Ltd. D/B/A Pdc Brands	2020283135	DOSE Medical Corporation
2020277024	Volta Charging, LLC	2020283140	Perceptive Sensor Technologies LLC
2020277307	Farmobile LLC	2020283150	W. L. Gore & Associates, Inc.; ViaCyte, Inc.
2020277338	Ballantyne, F.	2020283151	Greenwall Ventures, LLC
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2020277403	Soligenix, Inc.; University of Hawaii	2020283177	EditForce, Inc.; Kyushu University, National University Corporation
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2020278231	Boryung Pharmaceutical Co., Ltd	2020283517	Becton, Dickinson and Company
2020278236	Novartis AG	2020283556	The Charlotte-Mecklenburg Hospital Authority d/b/a Atrium Health
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2020278871	Assa Abloy New Zealand Limited	2020284138	DOSE Medical Corporation
2020279102	PepsiCo, Inc.	2020284165	BFM Technology Limited
2020279289	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2020284171	Morales, E.; Properly Ventures SAPI de CV
2020279483	Chr. Hansen HMO GmbH	2020284211	Apple Inc.
2020279731	Novartis AG	2020284220	Hydrow, Inc.
2020279752	Foundation Medicine, Inc.	2020284239	Meredian, Inc.
2020279832	Bolt Threads, Inc.	2020284245	W. L. Gore & Associates, Inc.; ViaCyte, Inc.
2020279857	Baker Hughes Oilfield Operations LLC		
2020279908	Octal SAOC FCZ, Sulatanate of Oman		

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

2020284255	Solid Biosciences Inc.	2020287470	NCP NextGen A/S
2020284281	Bast Fibre Technologies Inc.	2020287489	Stryker European Operations Limited
2020284295	Becton, Dickinson and Company	2020287565	Silkroad C&T
2020284308	Emory University	2020287590	Heineken Supply Chain B.V.
2020284324	The Icelandic Milk and Skyr Corporation	2020287599	Eli Lilly and Company
2020284342	Human Systems Integration, Inc.	2020287617	Toddy, LLC
2020284374	Voith Patent GmbH	2020287620	President and Fellows of Harvard College
2020284406	Organes Tissus Regeneration Reparation Remplacement; Barritault, D.; Centre National de la Recherche Scientifique; Universite de Caen Normandie	2020287624	Trustees of Tufts College
2020284437	Innova Patent GmbH	2020287662	Blackhawk Network, Inc.
2020284558	QED Therapeutics, Inc.	2020287821	Bial - Portela & C ^a , S.A.
2020284565	W.C. Bradley Co.	2020287833	Caterpillar Inc.
2020284587	Tolmar International Limited	2020287847	Lyondellbasell Advanced Polymers Inc.
2020284629	Variation Biotechnologies Inc.	2020287866	Milwaukee Electric Tool Corporation
2020285252	Wu, Z.	2020287885	Asklepios Pharmaceuticals, LLC
2020285269	Medshine Discovery Inc.	2020288030	Denka Company Limited
2020285318	Yara International ASA	2020288163	Biotheryx, Inc.
2020285336	Chiesi Farmaceutici S.p.A.	2020288165	R.P. Scherer Technologies, LLC
2020285366	Ellume Limited	2020288273	Hutchison MediPharma Limited
2020285467	Lumicare IP Pty Ltd	2020288335	BASF Coatings GmbH
2020285521	Apple Inc.	2020288339	SynDermix AG
2020285633	Meridian, Inc.	2020288358	BASF Coatings GmbH
2020285714	Stamford Devices Ltd.	2020288377	Cambridge Enterprise Limited
2020285721	Illumina, Inc.	2020288380	The University of Warwick
2020285759	Aquasolution Corporation	2020288399	McCuaig, R.
2020285790	Asahi Kasei Kabushiki Kaisha	2020288419	Wood Italiana S.r.l.
2020286067	Sumitomo Chemical Company, Limited	2020288422	Novoxel Ltd.
2020286146	ZOG Engineering SDN BHD	2020288563	Mirati Therapeutics, Inc.
2020286281	Ontel Products Corporation	2020288588	Permascand Aktiebolag
2020286377	VDMS Limited (Ireland)	2020288622	GeoQuest Systems B.V.
2020286424	Vertex Pharmaceuticals Incorporated	2020288623	Inscripta, Inc.
2020286441	Sunovion Pharmaceuticals Inc.	2020288648	ConocoPhillips Company
2020286471	The Trustees of the University of Pennsylvania	2020288679	NCP NextGen A/S
2020286474	MasterCard International Incorporated	2020288706	Instituto de Medicina Molecular Joao Lobo Antunes
2020286502	Becton, Dickinson and Company	2020288708	BASF Coatings GmbH
2020286508	Magenta Therapeutics, Inc.	2020288751	Wood Italiana S.r.l.
2020286518	Firefly Automatrix, Inc.	2020288770	Liang, P.
2020286585	Creanova Universal Closures Ltd.	2020288840	Bayer Aktiengesellschaft
2020286604	Lazzerini Societa' a Responsabilita' Limitata	2020288849	Kemira Oyj
2020286660	BASF Coatings GmbH	2020288852	BASF Coatings GmbH
2020286684	Rinstrum Pty., Ltd.	2020288871	BAE Systems PLC
2020286709	Small Pharma Ltd	2020288906	Control Chemicals (Pty) Ltd
2020286866	Yazaki Corporation	2020288908	Galderma Holding SA; Ipsen Biopharm Limited
2020286907	NCP NextGen A/S	2020288977	Telefonaktiebolaget LM Ericsson (Publ)
2020286909	Nuovo Pignone Technologie - S.r.l.	2020289000	Motorola Solutions, Inc.
2020286933	Bühler Insect Technology Solutions AG	2020289020	Dripping Wet Water, Inc.
2020286936	Permascand Aktiebolag	2020289061	Aerofoil Energy Limited
2020286971	BASF Coatings GmbH	2020289084	Abiogen Pharma S.p.A.
2020286984	Zipair	2020289129	A&S Business Group Pty Ltd
2020286992	Hexr Ltd	2020289132	The University of Sydney
2020287064	Heineken Supply Chain B.V.	2020289149	Highlightll Pharmaceutical (Hainan) Co., Ltd
2020287069	Reed, P.	2020289239	Sumitomo Metal Mining Co., Ltd.
2020287079	Hexo Operations Inc.	2020289275	Battelle Memorial Institute
2020287121	Avanti Polar Lipids, LLC	2020289312	CDE Global Limited
2020287139	Highlightll Pharmaceutical (Hainan) Co., Ltd	2020289319	BASF SE
2020287158	Hach Company	2020289333	Fischer, G.S.; Carvalho, P.A.; Zhao, Z.; Nycz, C.J.
2020287166	Danisco US Inc	2020289362	Honeycomb Biotechnologies, Inc.
2020287180	Deere & Company	2020289364	Novartis AG
2020287193	Ustav organické chemie a biochemie AV CR V.V.I.	2020289456	Nanoear Corporation, Inc.
2020287198	NCP NextGen A/S	2020289459	Elanco Tiergesundheit AG
2020287208	Bayer Aktiengesellschaft	2020289601	Cutting Edge Innovations Pty Ltd
2020287239	BASF Agro B.V.	2020289604	Hermal Bio Energy International Pty Ltd
2020287257	Creanova Universal Closures Ltd.	2020289609	Moutanabbir, O.; Assali, S.; Attiaoui, A.; Del Vecchio, P.
2020287268	Lac2biome S.r.l.	2020289695	Lupin Holdings B.V.
2020287269	Synaptic Research, LLC	2020289709	SynDermix AG
2020287351	Tangible Play, Inc.	2020289952	University College Cardiff Consultants Limited
2020287352	ServiceNow, Inc.	2020290016	Janssen Pharmaceutica NV
2020287370	LifeCell Corporation	2020290094	Novartis AG
2020287373	Asher Biotherapeutics, Inc.	2020290268	Agro-Kanesho Co., Ltd.
2020287388	ELC Management LLC	2020290345	Iantrek, Inc
2020287395	Swinburne University of Technology	2020290373	Lumicare IP Pty Ltd
		2020290396	Bendix Commercial Vehicle Systems LLC
		2020290408	Tempur World, LLC

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

2020290417	The Board of Trustees of the Leland Stanford Junior University	2020295755	Thibaut
2020290431	Conquest Technology Services Corp	2020296110	CooperSurgical, Inc.
2020290445	Vyair Medical, Inc.	2020296188	Coopersurgical, Inc.
2020290469	Netflix, Inc.	2020296190	Flagship Pioneering Innovations VI, LLC
2020290523	TrueRelief, LLC	2020296239	Assa Abloy AB
2020290585	Crane & Co., Inc.	2020296361	Pfizer Inc.; Ctxt Pty Ltd
2020290734	Heptares Therapeutics Limited	2020296749	Myx Fitness, LLC
2020290744	FortePhest Ltd.	2020296862	BioAegis Therapeutics Inc.; President and Fellows of Harvard College
2020290772	Janssen Pharmaceutica NV	2020296902	Assa Abloy AB
2020290892	Raytheon Company	2020296952	Manneschi, A.
2020290956	Auburn University	2020297336	Eli Lilly and Company
2020291002	Amicus Therapeutics, Inc.	2020297348	Raytheon Company
2020291003	Evelo Biosciences, Inc.	2020297415	F. Hoffmann-La Roche AG
2020291043	GRST International Limited	2020297451	Vertex Pharmaceuticals Incorporated
2020291160	Heptares Therapeutics Limited	2020297517	HB Innovations, Inc.
2020291208	Antlera Therapeutics Inc.	2020297592	Vaccinex, Inc.; H. Lee Moffitt Cancer Center and Research Institute, Inc. (A Florida Non-Profit Corporation)
2020291300	Chugai Seiyaku Kabushiki Kaisha	2020297835	Samsung Electronics Co., Ltd.
2020291393	Expedia, Inc.	2020297918	Eurofilters Holding N.V.
2020291434	Evelo Biosciences, Inc.	2020297983	Raytheon Company
2020291468	SRX CARDIO, LLC	2020298080	Afiniti, Ltd.
2020291508	Macrogenics, Inc.	2020298189	UPL Limited
2020291797	RUAG Ammotec GmbH	2020298259	Qualcomm Incorporated
2020291821	Novartis AG	2020298276	Loughborough University
2020291897	Becton, Dickinson and Company	2020298380	Bayer CropScience K.K.
2020291900	Raytheon Company	2020298543	PerkinElmer Health Sciences, Inc.
2020291946	Dana-Farber Cancer Institute, Inc.	2020298684	Casale SA
2020292108	Komatsu K VX LLC NUF	2020299117	Axon Enterprise, Inc.
2020292209	WatchGuard Video, Inc.	2020299153	Capital One Services, LLC
2020292256	Homology Medicines, Inc.	2020299305	Crystal Bioscience Inc.
2020292273	East End Medical, LLC	2020299416	Intervet International B.V.
2020292278	Ponce De Leon Health Designated Activity Company	2020299600	Crystal Bioscience Inc.
2020292304	BioAtla, Inc.	2020299610	O2 Partners, LLC
2020292322	Oceana Energy Company	2020299931	FrieslandCampina Nederland B.V.
2020292378	Yale University	2020299953	UCB Biopharma SRL
2020292427	Flagship Pioneering Innovations VI, LLC	2020300043	Orion Corporation
2020292994	Janssen Pharmaceutica NV	2020300111	Poynting Antennas (Pty) Limited
2020293084	KBLV Medical, LLC	2020300522	The Chemours Company FC, LLC
2020293094	Buck Institute for Research on Aging	2020300996	ThermaSense Corp.
2020293125	GRST International Limited	2020301081	General Electric Company
2020293211	Pairwise Plants Services, Inc.	2020301161	Gilead Sciences, Inc.
2020293237	Regeneron Pharmaceuticals, Inc.	2020301216	Citrix Systems, Inc.
2020293240	CNH Industrial America LLC	2020301230	Biogen MA Inc.
2020293252	Ava Food Labs, Inc.	2020301232	Corn Products Development, Inc.
2020293287	FUJIFILM Cellular Dynamics, Inc.; FUJIFILM Holdings America Corporation	2020301234	Qualcomm Incorporated
2020293384	Children's Medical Research Institute	2020301244	Dolby Laboratories Licensing Corporation
2020293577	Danmarks Tekniske Universitet; The Trustees of Columbia University in the City of New York	2020301400	CaaMTech LLC
2020293627	Bühler AG	2020301417	City of Hope
2020293630	Sigvaris AG	2020301426	Qualcomm Incorporated
2020293986	Yield10 Bioscience, Inc.	2020301529	Universität Stuttgart
2020293987	The Regents of the University of Michigan	2020301556	Societe Des Produits Nestle S.A.
2020294001	Vyair Medical, Inc.	2020301598	SPCM SA
2020294086	N.V. Nutricia	2020301629	Nicoventures Trading Limited
2020294096	The Regents of the University of California	2020301706	System 7 Ballast Regulator GmbH
2020294566	Suzhou Skywell Healthcare Information Co., Ltd.	2020301811	Breville Pty Limited
2020294669	Huawei Technologies Co., Ltd.	2020302238	Sika Technology AG
2020294783	Qualcomm Incorporated	2020302281	Nicoventures Trading Limited
2020294832	Vesuvius Group, S.A.	2020302711	Stratos Genomics, Inc.
2020294901	Wittur Holding GmbH	2020302748	Sage Therapeutics, Inc.
2020294914	Signature Robot Ltd	2020302831	Breville Pty Limited
2020294972	Nicoventures Trading Limited	2020302952	cortEXplore GmbH
2020295036	MIGAL Galilee Research Institute Ltd.	2020302960	Breville Pty Limited
2020295064	Lumicare IP Pty Ltd	2020303215	Nobel Biocare Services AG
2020295120	1045929 Ontario Limited	2020303356	Nicoventures Trading Limited
2020295365	Xerion Advanced Battery Corp.	2020303696	Nurix Therapeutics, Inc.
2020295387	Evoqua Water Technologies LLC	2020303725	Snap-on Incorporated
2020295393	Mayo Foundation for Medical Education and Research	2020303770	Cosmed Pharmaceutical Co., Ltd.
2020295571	Trustees of Boston College	2020303877	PharmaCCX, Inc.
2020295647	Voss, D.	2020303919	Snap-on Incorporated
2020295703	F. Hoffmann-La Roche AG	2020303943	ALS Therapy Development Institute
		2020304036	Biogen MA Inc.

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

2020304387	Medtronic, Inc.	2020318396	Tetra Laval Holdings & Finance S.A.
2020304536	Binary LLC	2020318612	Rail Power Systems GmbH
2020304631	Ember Technologies, Inc.	2020319677	F. Hoffmann-La Roche AG; Hoffmann-La Roche Inc.
2020304649	Genentech, Inc.	2020319860	Compagnie Generale des Etablissements Michelin
2020304669	Ethos Medical, Inc.	2020321320	Société des Produits Nestlé S.A.
2020304677	Snap-on Incorporated	2020321930	Novozymes A/S
2020304705	Knorr-Bremse Systeme für Schienenfahrzeuge GmbH	2020322086	Nokia Technologies Oy
2020304791	Nobel Biocare Services AG	2020322161	BIC-Violex S.A.
2020304813	F. Hoffmann-La Roche AG	2020322165	F. Hoffmann-La Roche AG
2020304938	Nicoventures Trading Limited	2020323296	Liquid AI Pty Ltd
2020305365	Framtix Holdings AB	2020325021	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
2020305490	KOREA GAS CORPORATION	2020325204	CHO Pharma, Inc.
2020306004	Schlumberger Technology B.V.	2020325358	Sunwave Communications Co., Ltd.
2020306126	Vivo Mobile Communication Co., Ltd.	2020325631	Electrolux Appliances Aktiebolag
2020306672	F. Hoffmann-La Roche AG	2020325658	Belyntic GmbH
2020306854	Societe Des Produits Nestle S.A.	2020326075	Société des Produits Nestlé S.A.
2020307535	Skeletal Dynamics, Inc.; Orbay, J.; Cooke, B.; Tremols, E.	2020326511	Novozymes A/S
2020307566	Qualcomm Incorporated	2020327153	Boston Scientific Scimed, Inc.
2020307924	Equally S.A.	2020327353	Cardio Ring Technologies, Inc.
2020308026	W.L. Gore & Associates, Inc.	2020331302	Kaleo, Inc.
2020308316	Qualcomm Incorporated	2020331533	Linde GmbH
2020308592	BioNTech SE	2020333693	Deere & Company
2020308605	Nicoventures Trading Limited	2020335637	Gree Electric Appliances, Inc. of Zhuhai
2020308641	Arla Foods amba	2020338477	Indorama Ventures Oxides Australia Pty Limited
2020308962	Monash University; Mognrify Limited; National University of Singapore	2020338575	MEIKO Maschinenbau GmbH & Co. KG
2020309245	A.Y. Laboratories Ltd.	2020339175	Xiangtan Haokang Ecological Materials Co.Ltd
2020309478	Microsoft Technology Licensing, LLC	2020339716	Sika Technology AG
2020309594	uLink Labs, Inc.	2020340311	Boston Scientific Scimed, Inc.
2020309846	Novartis AG	2020341603	Hisense Ronshen (Guangdong) Refrigerator Co., Ltd.
2020310003	GI Innovation, Inc.	2020343246	Boston Scientific Scimed, Inc.
2020310147	Recurium IP Holdings, LLC	2020343388	Sika Technology AG
2020310444	Mobasolar	2020346195	Huawei Digital Power Technologies Co., Ltd.
2020310539	F. Hoffmann-La Roche AG	2020347608	Trust Co. Ltd.
2020310584	Nicoventures Trading Limited	2020359327	Halliburton Energy Services, Inc.
2020310601	Weir Minerals Europe Limited	2020360865	Daikin Industries, Ltd.; Daikin Europe N.V.
2020310850	Taylor Commercial Foodservice, LLC	2020366327	Edwards Lifesciences Corporation
2020311634	Arugga A.I Farming Ltd	2020377230	Sungrow Power Supply Co., Ltd.
2020311796	BE International Marketing Sdn Bhd	2020380587	Ferring B.V.
2020311836	Microsoft Technology Licensing, LLC	2020383902	Huizhou Clear Lighting Co., Ltd.; Shenzhen Clear Lighting Co., Ltd.
2020311864	The Regents of the University of Michigan	2020385510	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2020312212	Hager-Electro SAS	2020399770	Edwards Lifesciences Corporation
2020312473	Truma Gerätetechnik GmbH & Co. KG	2020404149	Techtronic Cordless GP
2020312791	LightOx Limited	2020406041	Your 1Hub Pty Ltd
2020313255	Daiichi Sankyo Company, Limited; Tokai University Educational System	2020412469	Illumina, Inc.
2020314081	ENYO Pharma	2020412619	Illumina, Inc.; Illumina Cambridge Limited; Illumina Singapore Pte. Ltd.
2020314361	CBN Nano Technologies Inc.	2020412672	Edwards Lifesciences Corporation
2020314451	Valmont Industries, Inc.	2020414692	Illumina, Inc.; Illumina Cambridge Limited; Illumina Singapore Pte. Ltd.
2020314509	Nanjing Legend Biotech Co., Ltd.	2020414869	Technologies' Xanadu of Resonatory-Solar-Systemed Co., Ltd
2020315094	Alexander Binzel Schweisstechnik GmbH & Co. KG	2020418180	Illumina, Inc.
2020315125	Veolia Water Solutions & Technologies Support	2020422038	TxEGT Automotive Powertrain Technology Co., Ltd
2020315255	Medtronic, Inc.	2020433233	Shandong University
2020315707	Sheltered Wings, Inc. D/B/A Vortex Optics	2020437435	Shenzhen Institutes of Advanced Technology
2020315708	Microsoft Technology Licensing, LLC	2020441876	BGI Genomics Co., Ltd.; BGI Health (HK) Company Limited
2020315874	Great Plains Manufacturing, Inc.; Ahlvers, S.	2020442693	Qingdao University of Technology
2020315983	BrainChip, Inc.	2020449175	JGC Corporation
2020316238	2MT Mining Products Pty Ltd	2021204547	Nilo Global Limited; Coveny, P.K.
2020316262	Heineken Supply Chain B.V.	2021204554	Nilo Global Limited; Gilbert, R.J.
2020316330	Finch Therapeutics Holdings LLC.; Millennium Pharmaceuticals, Inc.	2021208986	Boegli-Gravures SA
2020316701	Nicoventures Trading Limited	2021214988	Techtronic Cordless GP
2020316860	AGC Glass Europe	2021220186	Illumina, Inc.
2020316872	Bayer Aktiengesellschaft	2021223701	EUROIMMUN Medizinische Labordiagnostika AG;
2020316886	Microsoft Technology Licensing, LLC	2021228594	Charité - Universitätsmedizin Berlin
2020316890	Microsoft Technology Licensing, LLC	2021233133	Illumina, Inc.
2020316952	Jura Elektroapparate AG	2021234084	Illumina, Inc.
2020317370	2MT Mining Products Pty Ltd	2021236612	Edwards Lifesciences Corporation
2020317501	Asahi Group Holdings, Ltd.; Tokushima University		
2020317552	Solar Foods Oy		
2020317630	Rail Power Systems GmbH		

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

2021257900	Tencent America LLC
2021257961	Johnson & Johnson Vision Care, Inc.
2021257985	Tencent America LLC
2021258020	Johnson & Johnson Vision Care, Inc.
2021259217	Illumina Cambridge Limited
2021261845	Woodside Energy Technologies Pty Ltd
2021271942	BROLOCK PTY LTD
2021276311	Edwards Lifesciences Corporation

IPC Index

<u>A01B 23 /-</u>	<u>A01G 31 /-</u>	2020283107 2020283345 2020286067 2020287208 2020287239 2020289459 2020290268 2020298189	<u>A23G 9 /-</u>	<u>A23L 5 /-</u>	<u>A46B 13 /-</u>
2020315874	2020283151 2020285759		2020310850	2020279483	2021214988
<u>A01B 33 /-</u>	<u>A01G 33 /-</u>		<u>A23K 10 /-</u>	<u>A23L 7 /-</u>	<u>A47C 19 /-</u>
2020404149	2020308026		2019445457 2020283208 2020287166	2020265655	2020290408
<u>A01B 35 /-</u>	<u>A01G 7 /-</u>	<u>A01N 47 /-</u>		<u>A23P 10 /-</u>	<u>A47C 20 /-</u>
2020315874	2020285759 2020298380	2020290268	<u>A23K 20 /-</u>	2020265655	2020290408
<u>A01B 61 /-</u>	<u>A01G 9 /-</u>	<u>A01N 59 /-</u>	2019445457	<u>A23P 30 /-</u>	<u>A47C 7 /-</u>
2020315874	2020283151	2020305365	<u>A23K 30 /-</u>	2019449993 2019450341 2019450564 2019450565 2020294086	2020278198
<u>A01B 63 /-</u>	<u>A01H 1 /-</u>	<u>A01N 63 /-</u>	2020287166		<u>A47F 1 /-</u>
2020315874	2020267673	2020289319 2020295036	<u>A23K 50 /-</u>	<u>A24B 13 /-</u>	2020286377
<u>A01B 76 /-</u>	<u>A01H 3 /-</u>	<u>A01P 1 /-</u>	2019445457	2020287470	<u>A47F 10 /-</u>
2020286518		2020305365	<u>A23L 11 /-</u>	<u>A24B 15 /-</u>	2020274222
<u>A01B 79 /-</u>	2020283038 2020283208	2020305365	2020284324	2020287470	<u>A47F 3 /-</u>
2020311634	<u>A01H 5 /-</u>	<u>A01P 13 /-</u>	<u>A23L 19 /-</u>	<u>A24F 40 /-</u>	2020289061
<u>A01C 1 /-</u>	2020267673	2020287239	2020268858	2020301629 2020302281 2020303356 2020304938 2020310584 2020316701	<u>A47G 19 /-</u>
2020285633 2020298276	<u>A01H 6 /-</u>	<u>A01P 3 /-</u>	<u>A23L 2 /-</u>		2020279102 2020287617
<u>A01C 14 /-</u>	2020267673 2020282488	2020283106 2020283345 2020286067 2020290268	2020274220 2020276750 2020301556 2020306854		<u>A47J 27 /-</u>
2020287180	<u>A01K 1 /-</u>	<u>A01P 7 /-</u>	<u>A23L 21 /-</u>	<u>A41B 11 /-</u>	2020301811
<u>A01C 21 /-</u>	2020286933	2020290268	2020268858 2020301232	2020311796	<u>A47J 31 /-</u>
2020287180	<u>A01K 67 /-</u>	<u>A23B 4 /-</u>	<u>A23L 25 /-</u>	<u>A41D 13 /-</u>	2020268649 2020279102 2020287617 2020302831 2020316952
<u>A01D 34 /-</u>	2020283367 2020286933	2020284565	2020284324	2020256634 2020284342	<u>A47J 36 /-</u>
2019471828 2020286518	<u>A01M 1 /-</u>	<u>A23C 11 /-</u>	<u>A23L 29 /-</u>	<u>A41D 7 /-</u>	2020301811 2020302960
<u>A01D 41 /-</u>	2019451649 2020347608	2020284324	2020268858 2020279483 2020301232	2020256634	<u>A47J 37 /-</u>
2020293240	<u>A01M 29 /-</u>	<u>A23C 17 /-</u>	<u>A23L 3 /-</u>	2020286992	2020284565
<u>A01G 13 /-</u>	2019451649	2020308641	2020274220	<u>A42B 3 /-</u>	<u>A47J 37 /-</u>
2020311634	<u>A01M 7 /-</u>	2020308641 2020321320	<u>A23L 33 /-</u>	2020299610	2020276143
<u>A01G 18 /-</u>	2019451649 2020316872	<u>A23C 9 /-</u>	2019449993 2019450341 2019450564 2019450565 2020265655 2020268858 2020279483 2020294086 2020301556 2020306854 2020310003 2020321320	<u>A43B 13 /-</u>	<u>A47J 41 /-</u>
2020308026	<u>A01N 25 /-</u>	2019449993 2019450341 2019450564 2019450565 2020294086 2020308641 2020318396 2020321320		2020299610	2020276143
<u>A01G 20 /-</u>	2020283106 2020283107 2020283345 2020285633 2020286067 2020287239 2020289319 2020298189	<u>A23C 21 /-</u>	<u>A43B 17 /-</u>	<u>A43B 7 /-</u>	<u>A47J 43 /-</u>
2020286518 2020295120		2020308641	2020299610	2020299610	2020269750 2020301811
<u>A01G 25 /-</u>		<u>A23F 3 /-</u>	<u>A45D 33 /-</u>		<u>A47K 10 /-</u>
2020314451		2020287617	2020277022		2019475171
<u>A01G 27 /-</u>	<u>A01N 43 /-</u>		<u>A45D 37 /-</u>		<u>A47L 11 /-</u>
2020283151 2020285759	2020283106		2020277022		2020268667

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

<u>A47L 9 /-</u>		2020280439	2020292278	2020286508	2020282018
2019449365	<u>A61C 8 /-</u>	2020280905		2020288030	2020282726
2020268667	2020303215	2020281411	<u>A61K 35 /-</u>	2020291208	2020283238
2020297918	2020304791	2020281923	2020268397	2020291300	2020284587
		2020281943	2020275049	2020291821	2020286907
<u>A61B 17 /-</u>	<u>A61F 13 /-</u>	2020282018	2020282836	2020292304	2020287079
2020270065	2020311796	2020282473	2020283065	2020293384	2020287198
2020279966	2020327153	2020283161	2020283069	2020297592	2020287470
2020287489		2020283238	2020283965	2020299305	2020287620
2020292273	<u>A61F 2 /-</u>	2020283307	2020285252	2020299600	2020287624
2020304669	2020279966	2020284135	2020286471	2020304813	2020288165
2020304791	2020283056	2020284308	2020286508	2020307924	2020288679
2020307535	2020284245	2020284406	2020291003	2020319677	2020288908
2020327153	2020307535	2020284558	2020291434	2020322165	2020292278
2020340311	2020327153	2020285336	2020293252	2020325021	2020300043
2020343246	2020366327	2020286424	2020293577	<u>A61K 45 /-</u>	2020304649
2020412672	2020412672	2020286441	2020301417		2020307924
	2021236612	2020286709	2020307924	2019445457	2020310003
<u>A61B 18 /-</u>	2021276311	2020286907	2020316330	2020273681	2020331302
2020288422		2020287079	2020317501	2020274548	2020380587
2020292273	<u>A61F 5 /-</u>	2020287139		2020284135	<u>A61L 15 /-</u>
	2020282797	2020287198	<u>A61K 36 /-</u>	2020286441	
<u>A61B 34 /-</u>	2020284017	2020287470	2020287079	2020287620	2020267589
2020282010		2020287599	2020293252	2020290417	2020275841
2020302952	<u>A61F 9 /-</u>	2020288163	2020325021	2020291300	
	2020290345	2020288165	<u>A61K 38 /-</u>	2020292256	<u>A61L 2 /-</u>
<u>A61B 5 /-</u>		2020288273	2020265476	2020296862	2020285467
2020264910	<u>A61H 1 /-</u>	2020288563	2020267641	2020303943	2020290373
2020266043	2020282797	2020288679	2020268379	2020307924	2020295064
2020268705		2020288706	2020270005	<u>A61K 47 /-</u>	2020298276
2020268734	<u>A61H 23 /-</u>	2020288770	2020273903		
2020269178	2020282797	2020289149	2020274833	2019450008	<u>A61L 24 /-</u>
2020269761		2020289459	2020275884	2020268329	
2020273585	<u>A61H 39 /-</u>	2020290016	2020275884	2020269506	2020275382
2020275382	2020288339	2020290094	2020280905	2020274899	<u>A61L 27 /-</u>
2020290445	2020289709	2020290734	2020283069	2020279731	
2020294001		2020290744	2020283965	2020282018	2020270427
2020297517	<u>A61H 3 /-</u>	2020290772	2020284587	2020284587	2020280018
2020300996	2020290523	2020291002	2020287079	2020287079	2020283056
2020304387		2020291160	2020287373	2020287620	2020283895
2020327353	<u>A61J 3 /-</u>	2020291300	2020288908	2020288908	2020284138
	2020331302	2020291468	2020290417	2020289132	2020284245
<u>A61B 90 /-</u>		2020292278	2020293384	2020292304	2020287370
2020282010	<u>A61K 31 /-</u>	2020292994	2020296862	2020299416	2020289695
2020302952	2019450366	2020293094	2020304649	2020304649	2020307535
2020304791	2020264426	2020293384	2020307924	2020307924	2020327153
2020327153	2020267355	2020295703	2020308592	2020325658	2020399770
	2020267356	2020296361	2020310003	<u>A61K 48 /-</u>	2021257961
<u>A61C 1 /-</u>	2020269078	2020297415	2020314081		2021258020
2020304791	2020270303	2020297451	2020319677	2020278499	<u>A61L 31 /-</u>
	2020273687	2020299416	2020322165	2020283069	2020275382
<u>A61C 11 /-</u>	2020274165	202029953	2020380587	2020283965	2020287370
2020274179	2020274548	2020300043	<u>A61K 39 /-</u>	2020284255	
	2020274735	2020301230	2019449475	2020287624	<u>A61L 9 /-</u>
<u>A61C 13 /-</u>	2020274768	2020301400	2020265749	2020292256	2019451649
2020274179	2020276392	2020302748	2020266677		2020289020
	2020276701	2020303696	2020267639	<u>A61K 8 /-</u>	
<u>A61C 5 /-</u>	2020276802	2020303943	2020268379		
2020303215	2020277541	2020304036	2020269877	2019453263	<u>A61M 1 /-</u>
	2020278231	2020304649	2020270242	2020265476	2019474912
<u>A61C 7 /-</u>	2020278236	2020307924	2020273681	2020287268	2020274735
2020283011	2020278733	2020309846	2020273695	2020289695	2020331302
2020303215	2020279289	2020310147	2020273903	<u>A61K 9 /-</u>	
	2020279483	2020310539	2020274098		
<u>A61C 7 /-</u>	2020279731	2020311864	2020277403	2019450008	<u>A61M 11 /-</u>
2020274179	2020279927	2020313255	2020277403	2019450366	2020285714
	2020280226	2020314081	2020283135	2020268329	2020294566
		<u>A61K 33 /-</u>	2020284629	2020275382	2020331302
		2020268088	2020286471		
		2020283161			

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

A61M 15 /-	2020290417 2020297415 2020316330	2020299953 2020301230 2020302748 2020303943 2020304036 2020310539 2020317501	2020277541 2020278231 2020278733 2020279289 2020279731 2020279927 2020281411 2020282473 2020282816 2020284629 2020285252 2020286508 2020288163 2020288273 2020288380 2020288563 2020288706 2020289149 2020289952 2020291003 2020291300 2020291434 2020292304 2020293384 2020295703 2020296361 2020297415 2020301161 2020301417 2020303696 2020304036 2020304813 2020309846 2020310147 2020314509	2020319677 2020322165	B01D 37 /- 2020288849
2020266043 2020285714 2020331302	A61P 11 /-	A61P 27 /-		A61P 9 /-	B01D 53 /-
A61M 16 /-	2020273681 2020274548 2020281923 2020285336 2020286424 2020288380 2020290094 2020297415 2020301230 2020311864	2020278499 2020283135		2020291821 2020295393 2020297415	2020283463
2020285714 2020294001	A61P 13 /-	A61P 29 /-		A61Q 17 /-	B01D 61 /-
A61M 25 /-	2020284295 2020286502 2020291897 2020292273	2020264426 2020274548 2020278231 2020285269 2020288380 2020289132 2020289149 2020295393 2020297415 2020301230 2020304036		2019453263	2020318396
A61M 29 /-	2020290744 2020291002 2020295393	A61P 3 /-		A61Q 19 /-	B01D 63 /-
2020279966	A61P 15 /-	2020274735 2020280905 2020283069 2020283307 2020284135 2020287599 2020288380 2020291002 2020297415 2020304036		2020287268 2020288908 2020289695	2020318396
A61M 3 /-	2020289364 2020317501	A61P 31 /-		A61Q 7 /-	B01D 65 /-
2020331302	A61P 17 /-	2019445457 2020280226 2020290417 2020290772 2020291508 2020296862 2020301161 2020314081		2020265476	2020287158
A61M 31 /-	2020265476 2020269255 2020270005 2020275841 2020283238 2020284135 2020289132 2020293094 2020295393 2020301230 2020317501	A61P 33 /-		A63B 21 /-	B01D 67 /-
2020282726 2020331302	A61P 19 /-	2020274899 2020289459		2020282797 2020284017 2020284220	2020308026
A61M 37 /-	2020278231 2020283238 2020284558 2020289132 2020295393 2020301230 2020311864	A61P 35 /-		A63B 22 /-	B01D 69 /-
2019456606 2020268935 2020303770	A61P 21 /-	2020266677 2020266993 2020268088 2020270242 2020270303 2020273687 2020273695 2020274098 2020274768 2020274833 2020274899 2020275049 2020276392 2020276701 2020276802		2020284220	2020282355 2020283150 2020308026
A61M 39 /-	2019449475 2020264426 2020281943 2020283965 2020284406 2020286709 2020290016 2020290734 2020290772 2020291160 2020292256 2020292994 2020286424 2020288380	A61P 43 /-		A63B 49 /-	B01D 71 /-
2019456623 2020283517 2020284295 2020286502 2020291897	A61P 25 /-	2020283307 2020284135 2020287599 2020288380 2020291002 2020297415 2020304036		2020288399	2020282355 2020283150 2020308026
A61M 5 /-	2019445457 2020280439 2020280905 2020284135 2020286424 2020288380	A61P 37 /-		A63B 53 /-	B01F 1 /-
2020267477 2020282018 2020282726	A61P 31 /-	2020266677 2020270242 2020274098 2020274833 2020278236 2020284629 2020288380 2020289132 2020289149 2020291003 2020291434 2020295393 2020303696 2020310003 2020316330 2020319677 2020322165 2020325021		2020288399	2020288906
A61N 1 /-	A61P 33 /-	A61P 37 /-		A63B 60 /-	B01F 5 /-
2020268171 2020268935 2020269176 2020269178 2020269508 2020281307 2020290523 2020315255	A61P 35 /-	A61P 39 /-		2020288399	2020288906
A61N 5 /-	A61P 37 /-	2019445457 2020280439 2020280905 2020284135 2020286424 2020288380		A63B 69 /-	B01J 13 /-
2020311796	A61P 43 /-	2020278231 2020283238 2020284558 2020289132 2020295393 2020301230 2020311864		2020269663 2020284220	2020305365
A61P 1 /-	A61P 39 /-	A61P 43 /-		A63B 71 /-	B01J 19 /-
2019445457 2020280439 2020280905 2020284135 2020286424 2020288380	A61P 43 /-	A61P 43 /-		2020269663	2020288751 2020298684 2020317552
	A61P 43 /-	A61P 43 /-		A63F 13 /-	B01J 20 /-
	A61P 43 /-	A61P 43 /-		2020289601	2020315125 2020442693
	A61P 43 /-	A61P 43 /-		A63F 3 /-	B01J 8 /-
	A61P 43 /-	A61P 43 /-		2019454265	2020288751
	A61P 43 /-	A61P 43 /-		A63G 7 /-	B01L 3 /-
	A61P 43 /-	A61P 43 /-		2020267632	2020285721 2020298543 2021228594
	A61P 43 /-	A61P 43 /-		B01D 11 /-	B04B 1 /-
	A61P 43 /-	A61P 43 /-		2020267673	2020275066
	A61P 43 /-	A61P 43 /-		B01D 3 /-	B04B 11 /-
	A61P 43 /-	A61P 43 /-		2020287158 2020298684	2020275066
	A61P 43 /-	A61P 43 /-		2020297451	

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

<u>B05B 12 /-</u>	<u>B23Q 15 /-</u>	<u>B31D 5 /-</u>	<u>B60F 3 /-</u>	<u>B62J 9 /-</u>	<u>B65D 1 /-</u>
2020314451	2020295755	2020267601	2020292322	2020269512	2020274220
<u>B05B 3 /-</u>	<u>B23Q 17 /-</u>	<u>B31F 1 /-</u>	<u>B60G 17 /-</u>	<u>B62K 25 /-</u>	<u>B65D 21 /-</u>
2020316872	2020295755	2021208986	2020276790	2020295647	2020276143
<u>B05B 7 /-</u>	<u>B23Q 5 /-</u>	<u>B32B 1 /-</u>	<u>B60L 53 /-</u>	<u>B63B 21 /-</u>	<u>B65D 35 /-</u>
2021214988	2020295755	2020289275	2020275763 2020277024	2020282543	2020283011
<u>B05D 1 /-</u>	<u>B24B 49 /-</u>	<u>B33Y 10 /-</u>	<u>B60M 5 /-</u>	<u>B63B 3 /-</u>	<u>B65D 41 /-</u>
2020275407	2020295755	2019444497	2020317630	2020339716	2020286585
<u>B05D 7 /-</u>	<u>B24C 1 /-</u>	2020276831	2020318612	<u>B63C 11 /-</u>	2020287257
2020275407	2019454975	2020289129	<u>B60N 2 /-</u>	2020256634	2020298543
2020343388	<u>B25H 3 /-</u>	<u>B33Y 30 /-</u>	2020286604	<u>B63G 8 /-</u>	<u>B65D 43 /-</u>
<u>B06B 1 /-</u>	2020304677	2019465017	<u>B60R 21 /-</u>	2020282639	2020276143
2020288339	<u>B25H 5 /-</u>	<u>B33Y 70 /-</u>	2020267632	<u>B64C 11 /-</u>	<u>B65D 45 /-</u>
2020289709	2020303725	2019444497	<u>B60R 22 /-</u>	2020280074	2020276143
<u>B08B 3 /-</u>	<u>B25J 11 /-</u>	2020276831	2020286604	<u>B64C 29 /-</u>	<u>B65D 47 /-</u>
2020302831	2020268667	2019444497	<u>B60T 13 /-</u>	2020280074	2020279102
2020338575	2020301081	2020276831	2020304705	<u>B64C 3 /-</u>	2020287257
2021214988	<u>B25J 15 /-</u>	<u>B41F 13 /-</u>	<u>B60T 15 /-</u>	2020282639	2020299931
<u>B08B 9 /-</u>	2020301081	2020279924	2020290396	<u>B64C 39 /-</u>	<u>B65D 51 /-</u>
2020288871	<u>B25J 19 /-</u>	<u>B41F 27 /-</u>	<u>B60T 17 /-</u>	2020286984	2020276143
<u>B09B 3 /-</u>	2020268667	2020279924	2020287833	<u>B64D 27 /-</u>	2020276750
2020289312	<u>B25J 9 /-</u>	<u>B41F 31 /-</u>	<u>B60T 7 /-</u>	2020280074	<u>B65D 75 /-</u>
<u>B22D 41 /-</u>	2020268667	2020279924	2020287833	<u>B65B 1 /-</u>	2020269986
2020294832	2020284017	<u>B41F 5 /-</u>	2020290396	2020284165	<u>B65D 77 /-</u>
<u>B22D 45 /-</u>	<u>B26B 21 /-</u>	2020279924	<u>B60T 8 /-</u>	<u>B65B 25 /-</u>	2020276143
2020294832	2020322161	<u>B41J 2 /-</u>	2020287833	2020274220	2020299931
<u>B22F 1 /-</u>	<u>B28B 1 /-</u>	2020294566	<u>B61B 12 /-</u>	<u>B65B 3 /-</u>	<u>B65D 81 /-</u>
2020269835	2019444497	<u>B41M 1 /-</u>	2020284437	2020274220	2020267601
<u>B22F 3 /-</u>	2020290956	2020289239	<u>B61G 3 /-</u>	2020276750	2020276143
2019444497	<u>B28C 1 /-</u>	<u>B41M 3 /-</u>	2020284374	2020279102	<u>B65D 83 /-</u>
2019465017	2019280450	2020289239	<u>B61L 23 /-</u>	<u>B65B 31 /-</u>	2020316262
<u>B22F 5 /-</u>	<u>B29B 17 /-</u>	<u>B42D 25 /-</u>	2020273465	2020274220	<u>B65D 85 /-</u>
2019465017	2020279908	2020269835	<u>B62J 1 /-</u>	<u>B65B 39 /-</u>	2020269937
<u>B22F 9 /-</u>	2021204554	2020290585	2020295647	2020284165	<u>B65D 88 /-</u>
2020269835	<u>B29C 48 /-</u>	<u>B44D 3 /-</u>	<u>B62J 11 /-</u>	<u>B65B 61 /-</u>	2020339175
2020290956	2020293627	2020276143	2020269512	2020274220	<u>B65G 11 /-</u>
<u>B23K 9 /-</u>	<u>B29C 64 /-</u>	<u>B60C 1 /-</u>	<u>B62J 45 /-</u>	<u>B65B 7 /-</u>	2020317370
2020315094	2020276831	2020319860	2020295647	2020274220	<u>B65H 23 /-</u>
<u>B23Q 11 /-</u>	2020289129	<u>B29C 71 /-</u>			2019475171
2020295755	2020289129				

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

<u>B65H 75 /-</u>	2020338477	<u>C07B 59 /-</u>	<u>C07D 233 /-</u>	2020310147	2020304036 2020309846
2020276143	<u>C02F 101 /-</u>	2020287193	2020276392 2021257961	<u>C07D 403 /-</u>	<u>C07D 491 /-</u>
<u>B66B 1 /-</u>	2020315125 2020442693	<u>C07C 13 /-</u>		2020274768	2020277541 2020289149
2020281743	<u>C02F 103 /-</u>	2020267355	<u>C07D 237 /-</u>	2020277541 2020281923	
<u>B66B 5 /-</u>		<u>C07C 17 /-</u>	2020290744	2020282473	<u>C07D 495 /-</u>
2020288849 2020294901	2020288849 2020315125	2020300522	<u>C07D 239 /-</u>	2020285269 2020285336 2020287208	2020281411
<u>B67C 3 /-</u>	<u>C02F 11 /-</u>	<u>C07C 211 /-</u>	2020276392 2020279927 2020281923	2020288163 2020303696	<u>C07D 498 /-</u>
2020274220 2020276750	2020265175 2020288849 2020289312	2021258020	2020285336 2020290744	<u>C07D 405 /-</u>	2020286424 2020290734 2020291160 2020297336
<u>B67D 1 /-</u>	<u>C02F 3 /-</u>	<u>C07C 227 /-</u>	<u>C07D 241 /-</u>	2020277541 2020281923	<u>C07D 513 /-</u>
2020287064 2020287590 2020302831 2020316262	2020442693	2020287885	2020276392 2020290744	2020285336 2020303696 2020304036	2020285269 2020286424
<u>B81B 7 /-</u>	<u>C02F 5 /-</u>	<u>C07C 271 /-</u>	<u>C07D 249 /-</u>	<u>C07D 409 /-</u>	<u>C07D 519 /-</u>
2020269663	2020265175	2020309245	2020267355 2020290744	2020281923 2020285336	2020281411 2020301230 2020304036
<u>B81C 1 /-</u>	<u>C03B 11 /-</u>	<u>C07C 273 /-</u>	<u>C07D 253 /-</u>	<u>C07D 413 /-</u>	<u>C07F 1 /-</u>
2020294566	2020283712	2020298684	2020291468	2020281923 2020285269	2020268088
<u>B82Y 40 /-</u>	<u>C03B 23 /-</u>	<u>C07C 29 /-</u>	<u>C07D 263 /-</u>	2020285336 2020289459 2020290772	<u>C07F 9 /-</u>
2019280450	2020283712	2020283556	2020290744 2020297336	2020296361 2020303696 2020310539	2020274899 2020277541 2020287193 2020289084 2020290744
<u>C01B 11 /-</u>	<u>C03C 15 /-</u>	<u>C07C 31 /-</u>	<u>C07D 271 /-</u>	<u>C07D 417 /-</u>	<u>C07H 1 /-</u>
2020289020	2019454975	2020283556	2020267356 2020284308 2020290744	2020281923 2020284308 2020285269	2020279483
<u>C01B 21 /-</u>	<u>C03C 27 /-</u>	<u>C07C 39 /-</u>		2020285336 2020310147	<u>C07H 15 /-</u>
2020309245	2020283712	2020287079	<u>C07D 277 /-</u>	<u>C07D 471 /-</u>	2020288770
<u>C01B 3 /-</u>	<u>C04B 111 /-</u>	<u>C07C 47 /-</u>	2020276392 2020290744	2020276802 2020278231 2020282473	<u>C07H 21 /-</u>
2020288419 2020288751	2020287565	2020283556	<u>C07D 285 /-</u>	2020288706 2020289459 2020290016	2020274899 2020283038
<u>C01B 33 /-</u>	<u>C04B 24 /-</u>	<u>C07C 67 /-</u>	2020284308 2020290744	2020290268 2020301230 2020303696 2020304036	<u>C07H 3 /-</u>
2019280450	2020287565	2020338477	<u>C07D 287 /-</u>	<u>C07D 487 /-</u>	2020279483
<u>C01B 7 /-</u>	<u>C04B 26 /-</u>	2020339716	<u>C07D 207 /-</u>	2020270303 2020281923 2020282473	2020302748
2019449397	2020339716	2020290744	<u>C07D 209 /-</u>	2020285336 2020286424 2020287821	<u>C07J 61 /-</u>
<u>C01F 7 /-</u>	<u>C04B 28 /-</u>	2020286709	<u>C07D 213 /-</u>	2020288273 2020288563 2020292994 2020295703	2020302748
2019449397	2020287565	2020286709	<u>C07D 217 /-</u>	2020297415 2020301230	<u>C07J 9 /-</u>
<u>C01G 19 /-</u>	<u>C04B 35 /-</u>	2019444497	<u>C07D 209 /-</u>	<u>C07D 401 /-</u>	2020288770
2020290956	2019444497	2020267356 2020290744	<u>C07D 213 /-</u>	2020276701 2020281923 2020285336 2020287193 2020287208 2020287599 2020299953 2020303696 2020304036	<u>C07K 1 /-</u>
<u>C01G 23 /-</u>	<u>C05B 3 /-</u>	2020297336	<u>C07D 217 /-</u>		2020293237 2020325658
2020290956	2019449373	2020297336	<u>C07D 231 /-</u>		
<u>C02F 1 /-</u>	<u>C05G 3 /-</u>	2020267356 2020286424 2020290744 2020304036	<u>C07D 231 /-</u>		
2019443412 2020274220 2020288906 2020295387 2020315125	2020285633				

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

C07K 14 /-	2020283367 2020284629 2020314509	C08K 5 /-		2020283367 2020316330 2020317552 2020321930	2020283038 2020284629 2020285252 2020292256
2020265749 2020267639 2020267641 2020268379 2020269255 2020269506 2020273695 2020273903 2020274569 2020274833 2020280018 2020282359 2020283177 2020283367 2020284255 2020284629 2020286471 2020288380 2020292256 2020292378 2020301161 2020301417 2020301529 2020304813 2020308592 2020310003 2020321930 2020325204 2021223701	C07K 5 /- C07K 7 /- C07K 9 /- C08B 37 /- C08G 101 /- C08G 18 /- C08G 59 /- C07K 16 /- C08G 63 /- C08G 65 /- C08G 67 /- C08G 77 /- C08J 11 /- C08J 3 /- C08J 9 /- C08K 3 /-	2020276096 2020305490 2020289275 2020289275 2020301598 2020293987 2020343388 2020319860 2020338477 2020289275 2020312791 2019280450 2020269835 2020275407 2020276831 2020289239 2020276096 2020302238 2020274599 2020276831 2020302238 2020275841 2020288648 2020269835 2020274599 2020275407 2020276096 2020305365	C09D 7 /- 2020269835 2020274599 2020275407 C09J 175 /- 2020274599 C09J 7 /- 2020275382 C09K 5 /- 2020286866 C09K 8 /- 2020287847 2020306004 C10B 53 /- 2019453488 2020289604 C10G 1 /- 2019453488 C10G 2 /- 2020289604 C10K 1 /- 2020289604 C10L 1 /- 2019447765 C10L 10 /- 2019447765 C12C 1 /- 2020265175 C12H 1 /- 2020276750 C12L 11 /- 2020276750 C12M 1 /- 2020277475 2020308026 2020317552 C12M 3 /- 2020308026 C12N 1 /- 2019445457 2020270242 2020283177	2020279832 2020302711 C12N 11 /- 2020279832 2020302711 C12N 15 /- 2019445706 2019449475 2020267559 2020267673 2020269078 2020269877 2020270242 2020273903 2020274569 2020274833 2020275049 2020275884 2020276307 2020280439 2020282488 2020283069 2020283177 2020283208 2020283367 2020284255 2020284629 2020285252 2020287624 2020288380 2020288623 2020291300 2020292256 2020292427 2020293211 2020293986 2020295036 2020295571 2020296190 2020297451 2020306672 2020313255 2020314509 2020325204 2020326511 C12N 5 /- 2020265749 2020268397 2020273695 2020274833 2020275049 2020282836 2020283177 2020283367 2020284255 2020287269 2020291208 2020292427 2020293287 2020308962 2020313255 C12N 7 /- 2020269877	C12N 9 /- 2020265406 2020268368 2020268394 2020275884 2020283069 2020293577 2020295036 2020297451 2020304536 2020321930 2020325204 2020326511 C12P 13 /- 2020274098 C12P 19 /- 2020279483 2020321320 C12P 21 /- 2020326511 C12P 7 /- 2020279908 2020321930 2020326511 C12Q 1 /- 2019445457 2019445706 2019453690 2020268368 2020276309 2020277711 2020279752 2020282816 2020283367 2020288377 2020294096 2020296188 2020302711 2020412619 2020414692 2021220186 2021233133 2021234084 2021259217 C12R 1 /- 2020285252 2020321930 C12D 1 /- 2019450666 C22B 26 /- 2020295365

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

<u>C22B 3 /-</u>		2020296902	<u>E21B 34 /-</u>	<u>F04F 5 /-</u>	<u>F16K 31 /-</u>
2020295365	<u>E02D 17 /-</u>		2019465017		2020267488
2020338477	2020433233	<u>E05B 47 /-</u>	2020279857	2019457744	
		2020296239			<u>F16K 37 /-</u>
<u>C22C 3 /-</u>	<u>E02D 27 /-</u>	2020296902	<u>E21B 36 /-</u>	<u>F16B 13 /-</u>	2020274630
2020295365	2020292322	<u>E05B 63 /-</u>	2020280897	2020280119	
		2020268687	<u>E21B 4 /-</u>	<u>F16B 19 /-</u>	<u>F16L 21 /-</u>
<u>C22C 38 /-</u>	<u>E02D 33 /-</u>		2020287069	2020280119	2020284165
2019450666	2020433233	<u>E05B 65 /-</u>			<u>F16L 23 /-</u>
		2020278871	<u>E21B 43 /-</u>	<u>F16B 2 /-</u>	2020277722
<u>C23C 14 /-</u>	<u>E02F 3 /-</u>		2019460126	2020277338	
2019459230	2020292108	<u>E05B 9 /-</u>			<u>F16L 37 /-</u>
2020290956		2020278871	<u>E21B 47 /-</u>	<u>F16B 21 /-</u>	2020267822
			2020280897	2020280119	
<u>C23C 16 /-</u>	2020292108	<u>E05C 1 /-</u>	2020359327		<u>F16L 55 /-</u>
2019459230	2020316238	2020268687		<u>F16B 35 /-</u>	2020267822
	2020317370	2020278871	<u>E21B 49 /-</u>	2020276319	2020288871
<u>C25B 15 /-</u>	<u>E03B 7 /-</u>		2020287069	<u>F16B 39 /-</u>	2020343388
2020285790	2019446081	<u>E05C 3 /-</u>			<u>F17C 1 /-</u>
2020449175	2020274630	2020278871	<u>E21B 7 /-</u>	2020276319	2020267488
			2020279992	<u>F16B 43 /-</u>	<u>F17C 13 /-</u>
<u>C25B 9 /-</u>	<u>E04D 15 /-</u>	<u>E05D 15 /-</u>	2020292322		2020267488
2020449175	2020277338	2020280687		2021261845	
			<u>E21D 11 /-</u>	<u>F16B 5 /-</u>	<u>F17C 5 /-</u>
<u>C25C 1 /-</u>	<u>E04F 11 /-</u>	<u>E05D 3 /-</u>	2019444087	2020277338	2020267488
2020286936	2020276319	2021271942			<u>F17C 5 /-</u>
2020288588			<u>E21D 21 /-</u>	<u>F16C 17 /-</u>	2020267488
			2020268963	2020286909	
<u>C25C 7 /-</u>	<u>E04F 21 /-</u>	<u>E05F 1 /-</u>		<u>F16C 19 /-</u>	<u>F21S 4 /-</u>
2020286936	2020275664	2021271942	<u>E21D 9 /-</u>	2020414869	2020383902
2020288588			2019444087	<u>F16C 19 /-</u>	<u>F21V 17 /-</u>
	<u>E04H 12 /-</u>	<u>E05F 15 /-</u>		2020414869	2020280119
<u>D01F 8 /-</u>	2020276319	2020280687	<u>F02C 6 /-</u>	<u>F16C 32 /-</u>	<u>F23N 5 /-</u>
2020284281			2020422038	2020414869	2020282377
	<u>E04H 14 /-</u>	<u>E05F 3 /-</u>		<u>F16C 33 /-</u>	<u>F24C 3 /-</u>
<u>D06B 11 /-</u>	2020274222	2021271942	<u>F02K 1 /-</u>	2020286909	2020282377
2020293630			2020286984	<u>F16C 37 /-</u>	<u>F24C 7 /-</u>
	<u>E04H 3 /-</u>	<u>E06B 1 /-</u>		2020286909	2020325631
<u>D06M 15 /-</u>	2020274222	2020275664	<u>F03B 17 /-</u>		<u>F24D 17 /-</u>
2020293630			2020292322	<u>F16F 9 /-</u>	2019446081
	<u>E04H 4 /-</u>	<u>E21B 10 /-</u>		2020276790	<u>F24F 1 /-</u>
<u>D06P 5 /-</u>	2019449465	2020287069	<u>F03D 7 /-</u>	2020286909	2019450775
2020293630			2019447706	<u>F16G 11 /-</u>	<u>F24F 11 /-</u>
	<u>E05B 1 /-</u>	<u>E21B 23 /-</u>		2020276143	2020335637
<u>D21H 17 /-</u>	2020278871	2020280897	<u>F03G 6 /-</u>	<u>F16H 25 /-</u>	<u>F24F 5 /-</u>
2020301598			2020422038	2020295755	2020286281
	<u>E05B 13 /-</u>	<u>E21B 25 /-</u>			
<u>D21H 21 /-</u>	2020278871	2020287069	<u>F04B 43 /-</u>	<u>F16J 15 /-</u>	
2020301598			2019457744		
	<u>E05B 15 /-</u>	<u>E21B 27 /-</u>		<u>F04D 25 /-</u>	
<u>E01B 27 /-</u>	2020268687	2020287069	<u>F04D 29 /-</u>		
2020301706	2020296902		2019450775	2020277722	
		<u>E21B 33 /-</u>	2020280119	2020310601	
<u>E01H 1 /-</u>	<u>E05B 41 /-</u>	2019460126			
2021214988	2020296902	2019465017			
		2020279857			
<u>E02D 15 /-</u>	<u>E05B 45 /-</u>	2020280897			
2019444087	2020296239				

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

<u>F24H 3 /-</u>		<u>G01K 1 /-</u>		<u>G03F 7 /-</u>	<u>G06F 30 /-</u>
2020312473	<u>G01B 11 /-</u>	2020301811	<u>G01N 35 /-</u>	2019459230	2020316886
	2020286971		2020289362	2020276831	2020316890
<u>F24H 6 /-</u>	<u>G01B 21 /-</u>	<u>G01K 13 /-</u>		2020412469	
2020312473	2020433233	2020300996	<u>G01P 15 /-</u>	2021259217	<u>G06F 40 /-</u>
			2020304705		2020290469
<u>F24H 9 /-</u>	<u>G01B 3 /-</u>	<u>G01K 3 /-</u>		<u>G03G 15 /-</u>	2020441876
2020312473	2020287866	2020290373	<u>G01P 21 /-</u>	2019451355	<u>G06F 8 /-</u>
			2020304705		2020287352
<u>F25B 13 /-</u>	<u>G01B 7 /-</u>	<u>G01K 7 /-</u>	<u>G01R 19 /-</u>	<u>G05B 15 /-</u>	
2020360865	2020269663	2020300996	2020295064	2020270408	<u>G06F 9 /-</u>
		2020301811		2020311634	
<u>F25B 21 /-</u>	<u>G01C 21 /-</u>	<u>G01L 13 /-</u>	<u>G01R 31 /-</u>	<u>G05B 19 /-</u>	2019449128
2020304631	2020277307	2020284116	2020273556	2020295755	2020287352
			2020295064	2020316860	2020287395
<u>F25B 39 /-</u>	<u>G01C 25 /-</u>	<u>G01M 3 /-</u>	<u>G01S 17 /-</u>	<u>G05D 1 /-</u>	2020301216
2020286146	2020304705	2020288335	2020273465	2020277307	<u>G06G 7 /-</u>
					2020315983
<u>F25B 40 /-</u>	<u>G01D 13 /-</u>	<u>G01N 1 /-</u>	<u>G01S 5 /-</u>	<u>G05D 7 /-</u>	<u>G06K 15 /-</u>
2020286146	2020331533	2020298543	2020264882	2020314451	2019444189
<u>F25B 49 /-</u>	<u>G01D 5 /-</u>	<u>G01N 15 /-</u>	<u>G01V 1 /-</u>	<u>G06C 15 /-</u>	<u>G06K 19 /-</u>
2020360865	2020331533	2020412469	2020282543	2020314361	2020284171
		2020418180			
<u>F25D 17 /-</u>	<u>G01D 9 /-</u>	<u>G01N 21 /-</u>	<u>G01V 3 /-</u>	<u>G06F 11 /-</u>	<u>G06K 9 /-</u>
2020286281	2020331533	2020268215	2020296952	2020290431	2019454248
		2020285318			2020280263
<u>F25D 21 /-</u>	<u>G01F 1 /-</u>	2020288335	<u>G01V 99 /-</u>	<u>G06F 12 /-</u>	2020286660
2020279977	2020287590	2020304536	2020288622	2019452898	2020286971
		2021259217			2020288335
<u>F25D 23 /-</u>	<u>G01F 13 /-</u>	<u>G01N 23 /-</u>	<u>G02B 1 /-</u>	<u>G06F 16 /-</u>	2020288358
2020289061	2020287590	2020268215	2020297348	2020288708	2020288780
2020341603				2020288840	2020288840
				2020288852	2020291393
<u>F25D 3 /-</u>	<u>G01F 23 /-</u>	<u>G01N 25 /-</u>	<u>G02B 23 /-</u>	2020287388	2020294914
2020304631	2020283140	2020300996	2020315707	2020288622	2020311634
	2020287590			2020303877	2020406041
				2020304677	
<u>F28D 21 /-</u>	<u>G01G 17 /-</u>	<u>G01N 27 /-</u>	<u>G02B 5 /-</u>	<u>G06F 17 /-</u>	<u>G06N 10 /-</u>
2020286146	2020283140	2020268215	2020288358	2019454248	2019454278
		2020287158		2020277307	2019459231
<u>F28D 5 /-</u>	<u>G01G 19 /-</u>	<u>G01N 30 /-</u>	<u>G02B 6 /-</u>		2020309478
2020286281	2020286684	2020270356	2020270356	<u>G06F 21 /-</u>	<u>G06N 20 /-</u>
				2020267745	
<u>F28G 1 /-</u>	<u>G01G 23 /-</u>	2020287121	<u>G02B 7 /-</u>	2020275902	2020280263
2019453488	2020286684	2020266677	2020315707	2020285521	2020406041
		2020276309		2020287395	
<u>F41H 1 /-</u>	<u>G01G 5 /-</u>	2020278570	<u>G02F 1 /-</u>	2020290431	<u>G06N 3 /-</u>
2020256634	2020286684	2020285366	2020288358	2020303725	2019449128
		2020287121		2020311836	2020268734
<u>F41H 13 /-</u>	<u>G01J 1 /-</u>	2020287158	<u>G03B 7 /-</u>	2020437435	2020291393
2020299117	2020292209	2020287269	2020292209	<u>G06F 3 /-</u>	<u>G06N 5 /-</u>
		2020292304		2020264441	2020309478
<u>F42B 12 /-</u>	<u>G01J 3 /-</u>	2020292378	<u>G03F 1 /-</u>	2020267498	
2020291797	2020285318	2020304536	2019459230	2020284211	<u>G06Q 10 /-</u>
	2020297983	2020311634		2020285521	
<u>F42B 5 /-</u>		2020312791			2019451095
2020299117		2020412469			2020266421
		2021223701			2020286377

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2020298080	<u>G08B 25 /-</u>	<u>G16H 40 /-</u>	<u>H01L 33 /-</u>	<u>H02J 3 /-</u>	<u>H04B 7 /-</u>
2020303877					
2020303919	2020266421	2020267477	2020267677	2020290892	2019454618
2020304677		2020277559		2020291900	2020301426
	<u>G08B 31 /-</u>	2020290373	<u>H01L 39 /-</u>	2020346195	2020308316
<u>G06Q 20 /-</u>				2020377230	
	2020266421	<u>G16H 50 /-</u>	2019459230		
2020286377			2019459231	<u>H02J 50 /-</u>	<u>H04J 14 /-</u>
2020286474	<u>G08C 15 /-</u>	2020266043			
2020287395		2020269176	<u>H01L 41 /-</u>	2020309594	2020269575
2020289601	2020268279	2020269178			2020273930
2020299153		2020278589	2020289333	<u>H02J 7 /-</u>	
	<u>G08C 25 /-</u>	2020296749	<u>H01M 10 /-</u>		<u>H04L 1 /-</u>
<u>G06Q 30 /-</u>		2020326075		2020284342	
	2020268279			2020289456	2019449200
2019446520	<u>G08G 1 /-</u>	<u>G16Z 99 /-</u>	2020284342	2020290892	2020289000
2020276421				2020309594	
2020286377		2019449128	<u>H01M 4 /-</u>		<u>H04L 12 /-</u>
2020287388	2020273465			<u>H02K 1 /-</u>	
2020323296		<u>H01B 15 /-</u>	2020291043	2020277348	2020267745
	<u>G09B 21 /-</u>		2020293125	2020281866	2020288977
<u>G06Q 40 /-</u>		2020270356	<u>H01P 1 /-</u>		<u>H04L 27 /-</u>
	2020301216			<u>H02K 15 /-</u>	
2019446520	<u>G09C 1 /-</u>	<u>H01F 1 /-</u>	2020297983		2020269575
2020406041				2020277348	2020325358
	2019449126	2020289275	<u>H01P 5 /-</u>		
<u>G06Q 50 /-</u>				<u>H02K 5 /-</u>	<u>H04L 29 /-</u>
	<u>G10H 1 /-</u>	<u>H01F 27 /-</u>	2020297983		
2020278596				2020333693	2019451095
2020285759	2020269924	2020273556	<u>H01Q 1 /-</u>		2020267745
2020287662				<u>H02K 9 /-</u>	2020270408
2020289601	<u>G10L 15 /-</u>	<u>H01F 30 /-</u>	2020276522	2020333693	2020275902
			2020315255		2020281743
<u>G06T 15 /-</u>	2020284211	2020273556	<u>H01Q 11 /-</u>	<u>H02M 1 /-</u>	2020285521
	2020285521				2020303919
2020274179	<u>G10L 17 /-</u>	2020273556	2020300111	2020346195	<u>H04L 5 /-</u>
		<u>H01F 5 /-</u>			
<u>G06T 7 /-</u>	2020285521		<u>H01R 103 /-</u>	<u>H02M 7 /-</u>	2019460763
		2020308605			2020264882
2020286971	<u>G10L 25 /-</u>		2020359327	2020301629	2020308316
2020302952		<u>H01G 9 /-</u>		2020302281	2020325358
<u>G07C 9 /-</u>	2020269924		<u>H01R 13 /-</u>	2020303356	
		2020305365		2020304938	<u>H04L 7 /-</u>
2020280263	<u>G11B 27 /-</u>		2020359327	2020346195	
		<u>H01H 1 /-</u>			2020268279
<u>G07F 11 /-</u>	2020292209		<u>H01R 4 /-</u>	<u>H02N 2 /-</u>	
		2020317630			<u>H04L 9 /-</u>
2020286377	<u>G16B 20 /-</u>	2020318612	2020310444	2020289333	
					2020267477
<u>G07F 17 /-</u>	2020279752	<u>H01H 79 /-</u>	<u>H02G 1 /-</u>	<u>H02P 25 /-</u>	2020275902
	2020296110				2020284171
2019454265	2020296188	2020317630	2020270356	2020291900	2020287395
2020287662		2020318612		<u>H03H 17 /-</u>	<u>H04N 1 /-</u>
2020289601	<u>G16B 5 /-</u>		<u>H02G 15 /-</u>		
		<u>H01L 21 /-</u>	2021261845	2020301244	2020315708
<u>G07F 9 /-</u>	2020308962				
		2020289609	<u>H02G 3 /-</u>	<u>H03K 19 /-</u>	<u>H04N 13 /-</u>
2020286377	<u>G16C 20 /-</u>	2020294566			
			2021261845	2020316886	2020302952
<u>G08B 13 /-</u>	2020278570	<u>H01L 25 /-</u>		2020316890	
			<u>H02H 3 /-</u>		<u>H04N 19 /-</u>
2020266421	<u>G16H 10 /-</u>	2020267677		<u>H04B 1 /-</u>	
			2020312212		2020294669
<u>G08B 21 /-</u>	2020326075	<u>H01L 27 /-</u>		2020297983	2020294783
			<u>H02J 1 /-</u>		2020297835
2020290373	<u>G16H 20 /-</u>	2019459231		<u>H04B 10 /-</u>	2020298259
2020297517			2020290892		2020301234
	2020266043	<u>H01L 29 /-</u>		2020269575	2020307566
<u>G08B 23 /-</u>	2020293084		<u>H02J 15 /-</u>		2021257985
	2020296749	2020289609		<u>H04B 17 /-</u>	
2020297517	2020303877		2020290892		
	2020326075			2020289000	

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<u>H04N 21 /-</u>	2020301426
2019453235	<u>H04W 76 /-</u>
<u>H04N 5 /-</u>	2019445801
2020275846	2020264882
2020287351	<u>H05B 3 /-</u>
2020292209	2019445705
<u>H04N 7 /-</u>	2020284342
2020266421	2020302960
2020304677	<u>H05B 45 /-</u>
2021257900	2020295064
<u>H04R 1 /-</u>	<u>H05B 6 /-</u>
2020289456	2020301629
<u>H04R 25 /-</u>	2020301811
2020289456	2020302281
<u>H04R 5 /-</u>	2020303356
2020267597	2020304938
	2020308605
	2020325631
<u>H04S 7 /-</u>	<u>H05K 1 /-</u>
2020267597	2020304938
<u>H04W 12 /-</u>	<u>H05K 7 /-</u>
2020267745	2020304938
2020275902	
<u>H04W 36 /-</u>	
2020301426	
2020306126	
<u>H04W 4 /-</u>	
2020277307	
2020322086	
<u>H04W 48 /-</u>	
2020264882	
<u>H04W 52 /-</u>	
2019445801	
2020264882	
2020385510	
<u>H04W 56 /-</u>	
2020278740	
2020325358	
<u>H04W 64 /-</u>	
2020264882	
<u>H04W 72 /-</u>	
2019450805	
2019454618	
2019460763	
<u>H04W 74 /-</u>	
2019449200	

Applications Accepted

Name Index

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- (71) 4iiii Innovations Inc.
 (11) AU-B-2017238156
 (21) 2017238156 (22) 21.03.2017
 (54) A CRANK MEASUREMENT SYSTEM WITH IMPROVED STRAIN GAUGE INSTALLATION
 (51) Int. Cl.
G01L 5/22 (2006.01)
A61B 5/22 (2006.01)
B62J 6/06 (2006.01)
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 B65G 13/00 (2006.01)
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C09J 7/20 (2018.01)
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C08G 8/10 (2006.01)
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A47L 11/162 (2006.01)
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 A61P 1/06 (2006.01)
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			2015349759	2016353552	A61P 17 /-
			2015384801	2019212586	2015402833
			2016266773	A61K 48 /-	
			2016298175	2016266773	
				A61K 49 /-	
				2016353552	
				2018258654	

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2016266773	2016273820	<u>B07C 3 /-</u>	<u>B28D 1 /-</u>	<u>B32B 5 /-</u>	<u>B63C 11 /-</u>
2017380213	<u>A63F 9 /-</u>	2020203564	2020265894	2016293941	2019322477
<u>A61P 19 /-</u>	2016273820	<u>B08B 1 /-</u>	<u>B29B 11 /-</u>	<u>B32B 7 /-</u>	<u>B64G 1 /-</u>
2016266773	<u>B01D 46 /-</u>	2019257486	2019222784	2019257331	2018377039
<u>A61P 23 /-</u>	2019278576	<u>B08B 11 /-</u>	<u>B29B 9 /-</u>	<u>B41J 2 /-</u>	<u>B65B 3 /-</u>
2019420189	2019384171	2019257486	2017243608	2018431601	2016201180
<u>A61P 25 /-</u>	<u>B01D 53 /-</u>	<u>B08B 9 /-</u>	<u>B29C 33 /-</u>	<u>B60B 35 /-</u>	<u>B65B 69 /-</u>
2015349759	2020204225	2019257486	2016292180	2019408142	2017225227
2016353552	<u>B01F 3 /-</u>	2018437433	<u>B29C 35 /-</u>	<u>B60B 5 /-</u>	<u>B65D 21 /-</u>
2018234001	2018209041	<u>B23B 27 /-</u>	2016293941	2018355557	2020202609
2019420189	<u>B01F 7 /-</u>	2017277724	2020203584	<u>B60C 11 /-</u>	<u>B65D 47 /-</u>
<u>A61P 27 /-</u>	2018448732	<u>B23B 31 /-</u>	<u>B29C 44 /-</u>	2020200025	2019277458
2018258654	<u>B01J 19 /-</u>	2017277724	2016292180	<u>B60J 5 /-</u>	2019284154
<u>A61P 31 /-</u>	2017246827	<u>B23B 51 /-</u>	2016293941	2020204041	<u>B65D 81 /-</u>
2016382584	2017281654	2017277724	<u>B29C 49 /-</u>	<u>B60L 7 /-</u>	2016201180
2020267321	2020203584	<u>B23K 26 /-</u>	2019222784	2020213381	<u>B65G 13 /-</u>
<u>A61P 33 /-</u>	<u>B01J 8 /-</u>	2018437433	<u>B29C 55 /-</u>	<u>B60P 1 /-</u>	2019283895
2020267321	2020203584	<u>B23P 15 /-</u>	2017349166	2019283895	<u>B65G 15 /-</u>
<u>A61P 35 /-</u>	<u>B01L 3 /-</u>	2018437433	<u>B29C 65 /-</u>	<u>B60P 3 /-</u>	2019283895
2015330670	2016295422	<u>B24B 41 /-</u>	2017211775	2020244487	<u>B65G 17 /-</u>
2015384801	2017246827	2019247353	<u>B29C 67 /-</u>	<u>B60W 30 /-</u>	2019283895
2016285929	2017349442	<u>B24B 47 /-</u>	2017243608	2020213381	<u>B65G 21 /-</u>
2017388376	2017434549	2019247353	<u>B29D 22 /-</u>	<u>B61D 19 /-</u>	2019283895
2017445169	2020204565	<u>B24D 7 /-</u>	2017211775	2020204041	<u>B65G 41 /-</u>
2018269268	<u>B02C 21 /-</u>	2019247353	<u>B29K 71 /-</u>	<u>B62J 13 /-</u>	2019283895
2018276611	2018400359	<u>B25B 13 /-</u>	2016292180	2018383699	<u>B65G 47 /-</u>
2019283096	<u>B02C 23 /-</u>	2020201983	<u>B29K 75 /-</u>	<u>B62J 6 /-</u>	2019283895
2019296173	2018400359	<u>B25J 11 /-</u>	2016293941	2017238156	<u>B65G 67 /-</u>
2020316429	<u>B02C 4 /-</u>	2019283895	<u>B29K 79 /-</u>	<u>B62M 3 /-</u>	2019283895
<u>A61P 37 /-</u>	<u>B03D 1 /-</u>	2019283895	<u>B29K 81 /-</u>	2017238156	<u>B65H 35 /-</u>
2016353552	2019443100	<u>B25J 5 /-</u>	2016292180	<u>B62M 6 /-</u>	2020223745
2017333933	<u>B05B 13 /-</u>	2019283895	<u>B29L 9 /-</u>	2017238156	<u>B65H 75 /-</u>
<u>A61P 43 /-</u>	2018400359	<u>B25J 9 /-</u>	<u>B27B 5 /-</u>	<u>B63B 21 /-</u>	2017248851
2018276611	<u>B05B 15 /-</u>	2019283895	2017277724	2020281167	<u>B82Y 10 /-</u>
<u>A61P 7 /-</u>	2017200180	<u>B28B 1 /-</u>	<u>B31D 5 /-</u>	2020323950	2016303798
2015330670	<u>B05B 9 /-</u>	2020256346	2017211775	<u>B63B 35 /-</u>	<u>C02F 3 /-</u>
<u>A61P 9 /-</u>	2018386906	<u>B28B 19 /-</u>	<u>B32B 27 /-</u>	2020281167	2018209041
2020204271	<u>B05C 3 /-</u>	2020256346	2017349166	<u>B63B 39 /-</u>	<u>C03C 25 /-</u>
<u>A61Q 11 /-</u>	<u>B06B 1 /-</u>	2019283895	2020256346	2020281167	
2019268497	2017200180	<u>B28B 19 /-</u>			
<u>A61Q 19 /-</u>	<u>B05C 3 /-</u>	2017277724			
2016346728	2017200180	<u>B28B 19 /-</u>			
<u>A63B 35 /-</u>	<u>B05C 3 /-</u>	2020256346			
2019322477	2019352538	<u>B28B 19 /-</u>			
<u>A63F 13 /-</u>	2017281280	2020256346			

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2019352538	<u>C05C 9/-</u>	<u>C07D 401/-</u>	<u>C07H 21/-</u>	<u>C08F 6/-</u>	<u>C12N 5/-</u>	2016301095
2019304180	<u>C05F 1/-</u>	2017388376 2018207337 2018234001 2018257296 2020204271	2017333933	2020203584	2015349759 2016353552 2019272583 2020316429	<u>D02G 3/-</u> 2016383119
2016224901 2016224902	<u>C05F 11/-</u>	<u>C07D 403/-</u>	<u>C07J 17/-</u>	<u>C08G 101/-</u>	<u>C12N 7/-</u>	<u>D06F 25/-</u> 2016344550
2016224901 2016224902	<u>C05G 3/-</u>	2017388376 2018207337 2020204271	2021202016	2017334874	2015349759	<u>D06F 58/-</u> 2016344550
2019304180	<u>C07C 235/-</u>	<u>C07D 405/-</u>	<u>C07J 41/-</u>	<u>C08G 18/-</u>	<u>C12N 9/-</u>	<u>D21H 11/-</u> 2020260528
2019420189	<u>C07C 271/-</u>	2017388376 2017397463 2018234001 2018269268 2020204271 2020267321	2021202016	2017334874	2016222936	<u>D21H 17/-</u> 2020260528
2019420189	<u>C07C 51/-</u>	<u>C07D 407/-</u>	<u>C07J 43/-</u>	<u>C08H 8/-</u>	<u>C12P 11/-</u>	<u>D21H 19/-</u> 2020260528
2019344541	<u>C07C 59/-</u>	2020267321	<u>C07J 51/-</u>	<u>C08J 5/-</u>	2017397463	<u>E02F 3/-</u> 2017200284
2019344541	<u>C07D 207/-</u>	<u>C07D 409/-</u>	2021202016	<u>C08K 3/-</u>	<u>C12P 21/-</u>	<u>E02F 5/-</u> 2017200284
2019420189 2020267321	<u>C07D 213/-</u>	2020267321	<u>C07K 14/-</u>	2019231033	2019257412	<u>E02F 9/-</u> 2016276021 2017201194 2019362776 2020200114
2018257296 2019283096 2019349414	<u>C07D 221/-</u>	<u>C07D 413/-</u>	2015349759 2016353552 2017235364 2017368136 2017381762 2020316429	<u>C08L 61/-</u>	<u>C12R 1/-</u>	<u>E04B 1/-</u> 2015333593
2019420189	<u>C07D 235/-</u>	<u>C07D 417/-</u>	<u>C07K 16/-</u>	2019231033	2016224901 2016224902	<u>E04B 2/-</u> 2015333593
2019296173	<u>C07D 239/-</u>	2018207337 2020204271 2020267321	2016285929 2016353552 2017219749 2017235364 2018275657 2018276611	<u>C09J 11/-</u>	<u>C21D 8/-</u>	<u>E04C 2/-</u> 2015333593
2017388376 2020204271	<u>C07D 249/-</u>	<u>C07D 421/-</u>	<u>C07K 19/-</u>	2019257331	2019346218 2019347433	<u>E04G 21/-</u> 2015333593 2019283895 2020256346
2019283096	<u>C07D 255/-</u>	<u>C07D 427/-</u>	2015349759 2016353552 2019257412 2020316429	<u>C09J 123/-</u>	<u>C21D 9/-</u>	<u>E06B 9/-</u> 2020270488
2018270520	<u>C07D 257/-</u>	<u>C07D 431/-</u>	<u>C07K 5/-</u>	2019257331	2019346218 2019347433	
2017238208	<u>C07D 307/-</u>	<u>C07D 437/-</u>	<u>C07K 7/-</u>	<u>C09J 191/-</u>	<u>C22B 13/-</u>	
2017361078 2020267321		<u>C07D 443/-</u>	2015349759 2016353552 2019257412 2020316429	<u>C09J 4/-</u>	<u>C22B 26/-</u>	
		<u>C07D 449/-</u>	<u>C07K 9/-</u>	<u>C09J 7/-</u>	<u>C22B 3/-</u>	
		2017238208	<u>C07K 11/-</u>	2019257331	2020294218	
		2016285929 2017380213 2017388376	<u>C09J 123/-</u>	2019257331	2020294218	
		<u>C07D 489/-</u>	<u>C09J 191/-</u>	<u>C09J 4/-</u>	<u>C22B 26/-</u>	
		2017238208	<u>C09J 11/-</u>	<u>C09J 7/-</u>	<u>C22B 3/-</u>	
		2017388376 2020204271	<u>C09J 123/-</u>	<u>C09J 11/-</u>	<u>C22B 13/-</u>	
		<u>C07D 493/-</u>	<u>C09J 123/-</u>	<u>C09J 11/-</u>	<u>C22B 34/-</u>	
		2018234001	<u>C09J 123/-</u>	<u>C09J 11/-</u>	2020294218	
		<u>C07D 519/-</u>	<u>C09J 123/-</u>	<u>C12N 1/-</u>	<u>C22B 59/-</u>	
		2017238208	<u>C09J 123/-</u>	2017308293	2020294218	
		2016285929	<u>C09J 123/-</u>	<u>C12N 15/-</u>	<u>C22C 38/-</u>	
		<u>C07F 9/-</u>	<u>C09J 123/-</u>	2016224901 2016224902	2019346218 2019347433	
		2018270520	<u>C09J 123/-</u>	<u>C08B 37/-</u>	<u>C22C 9/-</u>	
		2019306638	<u>C09J 123/-</u>	2017308293	2018437433	
		<u>C07H 19/-</u>	<u>C09J 123/-</u>	<u>C08F 2/-</u>	<u>C25C 3/-</u>	
		2017333933 2017397463	<u>C09J 123/-</u>	2015330670 2015349759 2016222936 2016353552 2017381762 2019362776		
		<u>C07H 19/-</u>	<u>C08F 290/-</u>			
		2017333933 2017397463	2020203584			
		<u>C07H 19/-</u>	2017308293			
		2017333933 2017397463				

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<u>E21B 3 /-</u>	<u>F16L 59 /-</u>	2017238156	2019261804	<u>G06K 9 /-</u>	<u>H01H 79 /-</u>
2020201061	2018318604	<u>G01L 5 /-</u>	<u>G03B 41 /-</u>	2016332947	2018399890
<u>E21B 43 /-</u>	2020202198	2017238156	2019261804	2018384082	
2017382513	<u>F24F 11 /-</u>	<u>G01M 99 /-</u>	<u>G03G 15 /-</u>	2018407274	<u>H01J 49 /-</u>
2018367384	2020258722	2019378368	2020204158	2019283978	2021245244
<u>E21B 44 /-</u>	<u>F24F 3 /-</u>	<u>G01N 15 /-</u>	<u>G03G 21 /-</u>	2020281149	<u>H01L 21 /-</u>
2017261633	2020258722	2021201296	2020204158	2020201712	2016303798
<u>E21B 47 /-</u>	<u>F24F 7 /-</u>	<u>G01N 21 /-</u>	<u>G04F 5 /-</u>	2020220130	<u>H01L 27 /-</u>
2019441818	2020260576	2017349442	2017239529	<u>G06Q 20 /-</u>	2016303798
<u>E21C 25 /-</u>	<u>F24H 3 /-</u>	2019257486	<u>G04G 9 /-</u>	2016298372	2019449884
2020265894	2021200033	<u>G01N 27 /-</u>	2020269232	<u>G06Q 50 /-</u>	<u>H01L 29 /-</u>
<u>E21C 35 /-</u>	<u>F24H 9 /-</u>	2018319173	<u>G05B 19 /-</u>	2020220130	2016303798
2017261633	2021200033	<u>G01N 29 /-</u>	2021200033	<u>G06T 1 /-</u>	<u>H01M 4 /-</u>
2020265894	<u>F25D 17 /-</u>	2017319889	<u>G05B 23 /-</u>	2018384082	2016334392
<u>F04B 43 /-</u>	2018348735	<u>G01N 30 /-</u>	2019378368	<u>G06T 5 /-</u>	<u>H01M 8 /-</u>
2016295422	<u>F25D 23 /-</u>	2016358205	<u>G05B 9 /-</u>	2017229562	2016334392
<u>F04D 1 /-</u>	2018318604	<u>G01N 31 /-</u>	2020233781	<u>G07D 1 /-</u>	<u>H01R 12 /-</u>
2016269429	<u>F25D 25 /-</u>	2017201194	<u>G05D 1 /-</u>	2017202561	2017281280
<u>F04D 29 /-</u>	2019218448	<u>G01N 33 /-</u>	2017261633	<u>G07D 11 /-</u>	<u>H01R 13 /-</u>
2016269429	2019319457	2016274659	2019268055	2017202561	2017434549
2016363346	<u>F26B 11 /-</u>	2016353552	<u>G05D 23 /-</u>	<u>G07F 17 /-</u>	2019335219
<u>F04F 5 /-</u>	2017281654	2017434549	2021200033	2016273820	<u>H01R 4 /-</u>
2020201910	<u>F26B 15 /-</u>	2018276611	<u>G06F 11 /-</u>	<u>G07F 19 /-</u>	2017281280
<u>F15D 1 /-</u>	2017281654	2018319173	2020217317	2020201984	<u>H01T 1 /-</u>
2020201910	<u>F42D 1 /-</u>	2018384082	<u>G06F 17 /-</u>	<u>G08G 5 /-</u>	2018399890
<u>F16B 13 /-</u>	2017248851	2020200114	2020201712	2020301543	<u>H02H 3 /-</u>
2016201180	<u>G01C 21 /-</u>	2021201296	<u>G06F 21 /-</u>	<u>G09F 3 /-</u>	2020260547
<u>F16B 2 /-</u>	2019268055	<u>G01N 9 /-</u>	2017315345	2019257331	<u>H02J 1 /-</u>
2017270804	<u>G01F 1 /-</u>	<u>G01S 15 /-</u>	2018219369	<u>G10L 17 /-</u>	2019316667
<u>F16C 1 /-</u>	2018434685	2017281280	2020281149	2017251870	<u>H02J 3 /-</u>
2016381434	<u>G01F 15 /-</u>	<u>G01S 19 /-</u>	2021200989	<u>G21C 1 /-</u>	2018269774
<u>F16H 7 /-</u>	2018434685	<u>G02B 1 /-</u>	<u>G06F 3 /-</u>	2020220130	2020220130
2019247353	<u>G01F 25 /-</u>	2017308293	2019337519	2017260311	<u>H02J 50 /-</u>
<u>F16K 99 /-</u>	2018434685	<u>G02B 5 /-</u>	2020201648	<u>G21C 17 /-</u>	2020201910
2016295422	<u>G01K 7 /-</u>	<u>G02F 1 /-</u>	2020203422	2017260311	<u>H02J 7 /-</u>
<u>F16L 23 /-</u>	2020238060	<u>G03B 19 /-</u>	2020239711	<u>G21C 3 /-</u>	2019316667
2016363346	<u>G01L 1 /-</u>	2019261804	2020285524	2017260311	2020220130
<u>F16L 25 /-</u>	2017238156	<u>G03B 37 /-</u>	2020289876	<u>H01H 37 /-</u>	<u>H02K 21 /-</u>
2016363346	<u>G01L 3 /-</u>		<u>G06F 9 /-</u>	2018399890	2020382764
			2020201712	<u>H01H 39 /-</u>	<u>H02K 3 /-</u>
			2021201308	2018399890	2020200614
			<u>G06K 19 /-</u>	2018399890	
			2016383119		

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<u>H02K 37 /-</u>	<u>H05B 1 /-</u>
2020382764	2021200033
<u>H02K 5 /-</u>	<u>H05B 3 /-</u>
2020200614	2020202198
	2021200033
<u>H02M 5 /-</u>	<u>H05B 6 /-</u>
2021200033	2019291361
<u>H02P 21 /-</u>	
2020382764	
<u>H02P 27 /-</u>	
2020382764	
<u>H02P 6 /-</u>	
2020382764	
<u>H02P 8 /-</u>	
2020382764	
<u>H03M 7 /-</u>	
2020310810	
<u>H04L 12 /-</u>	
2020227060	
<u>H04L 29 /-</u>	
2018219369	
2019322806	
<u>H04Q 9 /-</u>	
2017254888	
<u>H04R 1 /-</u>	
2019335219	
<u>H04R 25 /-</u>	
2019335219	
2020309092	
<u>H04R 5 /-</u>	
2019335219	
<u>H04W 24 /-</u>	
2019247007	
<u>H04W 4 /-</u>	
2019322806	
<u>H04W 40 /-</u>	
2017254888	
<u>H04W 52 /-</u>	
2019315974	

Certified Innovation Patents

Name Index

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

(71) Apple Inc.
 (11) AU-B-2021100721
 (21) 2021100721 (22) 05.02.2021
 (54) User interfaces for viewing live video feeds and recorded video
 (51) Int. Cl.
G06F 3/0484 (2013.01)
G06F 3/0481 (2013.01)
 (45) 06.01.2022
 (62) 2021215262
 (72) HOPKINS, RICHARD; THOMAS, MEGHAN GAIL; ODUMOSU, OLUKARE
 (74) Griffith Hack

(71) Fraser, M.A.
 (11) AU-B-2021103307
 (21) 2021103307 (22) 11.06.2021
 (54) Modular wall system
 (51) Int. Cl.
E02D 29/02 (2006.01)
 (45) 06.01.2022
 (72) Fraser, Mark Andrew
 (74) Spruson & Ferguson

(71) Tritana Intellectual Property Ltd.
 (11) AU-B-2021104695
 (21) 2021104695 (22) 29.07.2021
 (54) BELT DRIVE FOR A WEED SEED DE-STRUCTURATOR OF A COMBINE HAR-VESTER
 (51) Int. Cl.
A01D 41/12 (2006.01)
A01F 12/40 (2006.01)
A01M 21/02 (2006.01)
 (31) 63/065,609 (32) 14.08.20 (33) US
 (45) 06.01.2022
 (72) Mayerle, Dean
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Zelira Therapeutics Operations Pty Ltd
 (11) AU-B-2021106137
 (21) 2021106137 (22) 20.08.2021
 (54) Composition and method for treating chronic pain
 (51) Int. Cl.
A61K 31/352 (2006.01)
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/015 (2006.01)
A61K 31/05 (2006.01)
A61K 36/185 (2006.01)
A61K 47/14 (2017.01)
A61P 25/04 (2006.01)

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2021100721 Apple Inc.
2021103307 Fraser, M.A.
2021104695 Tritana Intellectual Property Ltd.
2021106137 Zelira Therapeutics Operations Pty Ltd

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2021106137

A61K 9 /-

2021106137

A61P 25 /-

2021106137

E02D 29 /-

2021103307

G06F 3 /-

2021100721

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2016210770 **Bartco Traffic Equipment Pty Ltd** (HUNTER VALLEY SIGNS PTY. LIMITED)
- 2016284331 **United States Gypsum Company** (CSR Building Products Limited)
- 2017339076 **Etex Services NV** (James Hardie Technology Limited)

Patents Granted

Standard Patents

- | | | | |
|------------|------------|------------|------------|
| 2015221453 | 2015231231 | 2015240883 | 2015243927 |
| 2015255977 | 2015259094 | 2015265578 | 2015266665 |
| 2015268581 | 2015289218 | 2015292616 | 2015302025 |
| 2015315168 | 2015330726 | 2015332507 | 2015333748 |
| 2015359382 | 2015362080 | 2015362630 | 2015364415 |
| 2015366363 | 2015369563 | 2015374296 | 2015393953 |
| 2015404396 | 2015413352 | 2015417620 | 2016200357 |
| 2016202967 | 2016203317 | 2016203931 | 2016204758 |
| 2016208411 | 2016210615 | 2016216721 | 2016219343 |
| 2016222415 | 2016225947 | 2016233298 | 2016243147 |
| 2016243733 | 2016253217 | 2016253578 | 2016256783 |
| 2016259340 | 2016259429 | 2016259984 | 2016261062 |
| 2016265463 | 2016266071 | 2016267075 | 2016267146 |
| 2016271519 | 2016271527 | 2016274599 | 2016274855 |
| 2016276576 | 2016278006 | 2016280280 | 2016280302 |
| 2016289685 | 2016295622 | 2016295720 | 2016298390 |
| 2016302382 | 2016318081 | 2016318929 | 2016320250 |
| 2016320527 | 2016338456 | 2016340033 | 2016341269 |
| 2016347778 | 2016350070 | 2016353347 | 2016354255 |
| 2016356818 | 2016358127 | 2016358190 | 2016371425 |
| 2016420064 | 2017200763 | 2017200898 | 2017202545 |
| 2017208834 | 2017217783 | 2017219609 | 2017221881 |
| 2017223223 | 2017223225 | 2017228059 | 2017228939 |
| 2017230039 | 2017231781 | 2017233841 | 2017233896 |
| 2017248316 | 2017252461 | 2017254523 | 2017254561 |
| 2017258306 | 2017259201 | 2017260298 | 2017263229 |
| 2017263727 | 2017264573 | 2017264843 | 2017266440 |
| 2017266469 | 2017266911 | 2017268032 | 2017272021 |
| 2017275599 | 2017286142 | 2017298225 | 2017298280 |
| 2017314763 | 2017316384 | 2017317408 | 2017329248 |
| 2017337053 | 2017339786 | 2017358552 | 2017360017 |
| 2017365179 | 2017366923 | 2017367555 | 2017374860 |
| 2017378324 | 2017385962 | 2017394680 | 2017417514 |
| 2017423234 | 2017431122 | 2017436875 | 2017442633 |
| 2018202577 | 2018205888 | 2018205890 | 2018220066 |
| 2018225389 | 2018229741 | 2018240192 | 2018242224 |
| 2018246214 | 2018261591 | 2018263729 | 2018268312 |
| 2018269585 | 2018277741 | 2018279677 | 2018287014 |
| 2018287021 | 2018299607 | 2018300727 | 2018311804 |
| 2018330053 | 2018336745 | 2018342610 | 2018343065 |
| 2018365210 | 2018366256 | 2018378330 | 2018389705 |
| 2018394582 | 2018399638 | 2018424215 | 2019201787 |
| 2019202656 | 2019203198 | 2019204419 | 2019204552 |
| 2019209716 | 2019210218 | 2019216084 | 2019216686 |
| 2019222652 | 2019230285 | 2019232786 | 2019232873 |
| 2019236691 | 2019240550 | 2019240615 | 2019240696 |
| 2019244383 | 2019248525 | 2019248535 | 2019250140 |
| 2019253790 | 2019253828 | 2019257418 | 2019264664 |
| 2019268052 | 2019268082 | 2019268654 | 2019269277 |
| 2019272015 | 2019275578 | 2019280026 | 2019283849 |
| 2019284321 | 2019290974 | 2019297413 | 2019321923 |
| 2019345166 | 2019351894 | 2019375490 | 2019388601 |
| 2019388834 | 2019418503 | 2020200539 | 2020201055 |
| 2020201246 | 2020201355 | 2020201392 | 2020201807 |

Patents Granted

Standard Patents

- | | | | |
|------------|------------|------------|------------|
| 2020201885 | 2020202207 | 2020202424 | 2020202707 |
| 2020203094 | 2020203695 | 2020203907 | 2020204466 |
| 2020210151 | 2020256317 | 2020260453 | 2020277208 |
| 2020280116 | 2020289744 | 2020289816 | 2021200021 |
| 2021202660 | 2021203732 | | |

Innovation Patents

- | | | | |
|------------|------------|------------|------------|
| 2021101726 | 2021102851 | 2021102966 | 2021106378 |
| 2021106614 | 2021106681 | 2021106697 | 2021106718 |
| 2021106721 | 2021106771 | 2021106803 | 2021106805 |
| 2021106840 | 2021106903 | 2021107059 | 2021107081 |
| 2021107087 | 2021107105 | 2021107205 | 2021107275 |
| 2021107299 | 2021107349 | 2021107368 | 2021107373 |
| 2021107398 | 2021107413 | 2021107428 | 2021107459 |
| 2021107465 | 2021107466 | 2021107487 | 2021107509 |
| 2021107510 | 2021107511 | 2021107512 | 2021107514 |
| 2021107515 | 2021107516 | 2021107517 | 2021107518 |
| 2021107519 | 2021107520 | 2021107521 | 2021107522 |
| 2021107523 | 2021107525 | 2021107526 | 2021107527 |
| 2021107528 | 2021107529 | 2021107530 | 2021107533 |
| 2021107534 | 2021107535 | 2021107536 | 2021107541 |
| 2021107546 | 2021107549 | 2021107550 | 2021107551 |
| 2021107553 | 2021107554 | 2021107555 | 2021107556 |
| 2021107557 | 2021107558 | 2021107560 | 2021107561 |
| 2021107563 | 2021107564 | 2021107565 | 2021107566 |
| 2021107567 | 2021107568 | 2021107569 | 2021107570 |
| 2021107571 | 2021107572 | 2021107573 | 2021107574 |
| 2021107575 | 2021107576 | 2021107577 | 2021107578 |
| 2021107580 | 2021107581 | 2021107582 | 2021107583 |
| 2021107584 | 2021107586 | 2021107587 | 2021107589 |
| 2021107590 | 2021107591 | 2021107592 | 2021107593 |
| 2021107594 | 2021107595 | 2021107596 | 2021107597 |
| 2021107598 | 2021107599 | 2021107600 | 2021107601 |
| 2021107602 | 2021107603 | 2021107604 | 2021107605 |
| 2021107606 | 2021107607 | 2021107608 | 2021107609 |
| 2021107610 | 2021107611 | 2021107613 | 2021107614 |
| 2021107616 | 2021107617 | 2021107618 | 2021107619 |
| 2021107620 | 2021107621 | 2021107622 | 2021107623 |
| 2021107626 | 2021107628 | 2021107629 | 2021107633 |

Offer to Surrender

It is hereby notified that **Rovi Solutions Corporation 2830 De La Cruz Boulevard , Santa Clara California 95050** , the Patentee of Patent 2005302561 dated 26.08.2010 for an invention titled ' Content management for high definition television' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **Rovi Solutions Corporation 2830 De La Cruz Boulevard , Santa Clara CA 95050** , the Patentee of Patent 2007309640 dated 23.06.2011 for an invention titled ' Method and apparatus to improve playability in overscan areas of a TV display' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **Rovi Solutions Corporation 2830 De La Cruz Boulevard , Santa Clara CA 95050** , the Patentee of Patent 2008248174 dated 12.05.2011 for an invention titled ' Method and apparatus for providing content control via detection of modifications to a signal' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **Rovi Solutions Corporation 2830 De La Cruz Blvd. , Santa Clara CA 95050** , the Patentee of Patent 2008266308 dated 06.10.2011 for an invention titled ' Television content control system and method with cross-platform capability' offers to surrender the

Offer to Surrender

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

2002332066 RIC Investments, Inc. The patent has been assigned to **Philips RS North America LLC**

2002334998 Ric Investments, Inc. The patent has been assigned to **Philips RS North America LLC**

2003239134 Ric Investments, Inc. The patent has been assigned to **Philips RS North America LLC**

2003270360 Ric Investments, Inc. The patent has been assigned to **Philips RS North America LLC**

2003282565 RIC Investments, Inc. The patent has been assigned to **Philips RS North America LLC**

2003295925 Ric Investments, Inc. The patent has been assigned to **Philips RS North America LLC**

2003303204 Ric Investments, Inc. The patent has been assigned to **Philips RS North America LLC**

2005213358 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2005267054 TenNor Therapeutics Limited The patent has been assigned to **TenNor Therapeutics (Suzhou) Limited**

2005279292 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2005279293 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2005292357 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2005304476 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2005304985 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2005319034 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2006236745 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2006279974 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2006284784 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2006294953 Ric Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2006318572 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2006343447 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2007202224 RIC Investments, Inc. The patent has been assigned to **Philips RS North America LLC**

2007213804 Metheresis Translational Research S.A. The patent has been assigned to **Vertical Bio AG**

Assignments Registered

2007222971 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2007227105 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2007234855 RIC Investments, LLC. The patent has been assigned to **Philips RS North America LLC**

2007317446 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2008202640 RIC Investments, Inc. The patent has been assigned to **Philips RS North America LLC**

2008216374 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2008216375 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2008223244 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2008261876 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2008262058 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2008305313 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2008322316 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2008360394 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2009203077 RIC Investments, Inc. The patent has been assigned to **Philips RS North America LLC**

2009228293 TenNor Therapeutics Limited The patent has been assigned to **TenNor Therapeutics (Suzhou) Limited**

2010201767 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2010255391 Rother, Matthias; Mayo, John; Vierl, Ulrich; Iliffe, George The patent has been assigned to **Sequessome Technology Holdings Limited**

2011213979 Zolezzi-Garreton, Alfredo The patent has been assigned to **Plasma Water Solutions, LLC**

2011251041 InQpharm Group Sdn. Bhd The patent has been assigned to **Bionexus LLC**

2011274642 Koninklijke Nederlandse Akademie Van Wetenschappen; Cergentis B.V. The patent has been assigned to **Cergentis B.V.**

2012201072 Vision X Asia Co., Ltd. The patent has been assigned to **Brown & Watson International Limited**

2012201303 Metheresis Translational Research S.A. The patent has been assigned to **Vertical Bio AG**

2012203574 RIC Investments, LLC The patent has been assigned to **Philips RS North America LLC**

2012314478 Solvay Specialty Polymers Italy S.p.A.; Oberthur Fiduciaire SAS The patent has been assigned to **Oberthur Fiduciaire SAS; Solvay Specialty Polymers Italy S.p.A.**

Assignments Registered

- 2014233506 Looker Data Sciences, Inc. The patent has been assigned to **Google LLC**
- 2014267337 Institut Gustave Roussy The patent has been assigned to **Institut Gustave Roussy; Institut National de la Sante Et de la Recherche Medicale; University Paris-Saclay**
- 2014318702 Abrahamsohn, Glenn The patent has been assigned to **AIM Targeted Therapies, Inc.**
- 2014360676 Breen, Paul; Breen, Philip The patent has been assigned to **NONDRILL PTY LTD**
- 2015100673 VISION X ASIA CO., LTD. The patent has been assigned to **Brown & Watson International Limited**
- 2015100703 VISION X ASIA CO., LTD. The patent has been assigned to **Brown & Watson International Limited**
- 2015211115 Daniel Measurement and Control, Inc. The patent has been assigned to **Daniel OpCo, LLC**
- 2015233704 Clariant Healthcare Packaging (France) S.A.S. The patent has been assigned to **Airnov, Inc.**
- 2015295989 Newracom Inc. The patent has been assigned to **Atlas Global Technologies LLC.**
- 2015328533 Newracom, Inc The patent has been assigned to **Atlas Global Technologies LLC.**
- 2015354844 InQpharm Group Sdn Bhd The patent has been assigned to **Bionexus LLC**
- 2015354845 Inqpharm Group Sdn Bhd The patent has been assigned to **Bionexus LLC**
- 2016227498 UCL Business Ltd The patent has been assigned to **Autolus Limited**
- 2016236297 Assistance Publique - Hopitaux de Paris; Universite Pierre et Marie Curie (Paris 6); Universite Paris-Sud; Centre national de la recherche scientifique (CNRS); Institut national de la sante et de la recherche medicale (Inserm); UNIVERSITE DE PARIS; Institut Gustave-Roussy The patent has been assigned to **Assistance Publique - Hopitaux de Paris; Universite Paris-Sud; Institut national de la sante et de la recherche medicale (Inserm); Centre national de la recherche scientifique (CNRS); Institut Gustave-Roussy; UNIVERSITE DE PARIS; Sorbonne Université**
- 2016261488 Newracom, Inc. The patent has been assigned to **Atlas Global Technologies LLC.**
- 2017203464 Hook-Eze Pty Limited The patent has been assigned to **UNA BRANDS SPV 7 PTE. LTD.**
- 2017301852 Gerrard, Robert; Gerrard, Marcus The patent has been assigned to **GME Springs Limited**
- 2018208625 Mayerle, Dean The patent has been assigned to **Tritana Intellectual Property Ltd.**
- 2018250407 VISION X ASIA CO., LTD. The patent has been assigned to **Brown & Watson International Limited**
- 2018310776 Benoît, Benoît The patent has been assigned to **9384-4934 QUÉBEC INC.**
- 2019201121 VISION X ASIA CO., LTD. The patent has been assigned to **Brown & Watson International Limited**
- 2020103679 Wenzhou Polytechnic The patent has been assigned to **Zhejiang Yihan Information Technology Co., Ltd.**

Assignments Registered

- 2021100632 Quantum Engineering oy ltd The patent has been assigned to **Quantum Engineering APAC**
- 2021105408 Chellapilla, Patvardhan; Vuppuluri, Prem Prakash The patent has been assigned to **DAYALBAGH EDUCATIONAL INSTITUTE**

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.

2014256633 **BeiGene, Ltd.**

The earliest first regulatory approval date provided by the patentee 07 Oct 2021

For the goods BRUKINSA zanubrutinib

Address for service : Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2018236692 **Boehringer Ingelheim International GmbH**

The earliest first regulatory approval date provided by the patentee 16 Jul 2019

For the goods SKYRIZI risankizumab

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

Extensions granted

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

2019216698 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 16 Jan 2020

For the goods BEOVU brolocizumab (rbe)

Extension of Term of patent pursuant to Section 77 expires on 25 Jun 2034

Corrigenda

In Vol 26 , No 17 , Page(s) 2396 under the heading **Assignments Registered** In regard to Patent No. 2001258872, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2396 under the heading **Assignments Registered** In regard to Patent No. 2001262756, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2396 under the heading **Assignments Registered** In regard to Patent No. 2001295211, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2396 under the heading **Assignments Registered** In regard to Patent No. 2002214364, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2396 under the heading **Assignments Registered** In regard to Patent No. 2002222733, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

Corrigenda

In Vol 26 , No 17 , Page(s) 2396 under the heading **Assignments Registered** In regard to Patent No. 2002303027, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2397 under the heading **Assignments Registered** In regard to Patent No. 2002319922, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2397 under the heading **Assignments Registered** In regard to Patent No. 2002348660, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2397 under the heading **Assignments Registered** In regard to Patent No. 2002353551, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2397 under the heading **Assignments Registered** In regard to Patent No. 2004238321, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2397 under the heading **Assignments Registered** In regard to Patent No. 2004295264, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2397 under the heading **Assignments Registered** In regard to Patent No. 2004305395, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2397 under the heading **Assignments Registered** In regard to Patent No. 2005239948, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2397 under the heading **Assignments Registered** In regard to Patent No. 2005268003, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2397 under the heading **Assignments Registered** In regard to Patent No. 2005301500, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2397 under the heading **Assignments Registered** In regard to Patent No. 2007210406, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 17 , Page(s) 2397 under the heading **Assignments Registered** In regard to Patent No. 2008260774, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 43 , Page(s) 5555 under the heading **Assignments Before Grant, Section 113 - 2009** In regard to Patent Application No. 2009311877, the New Applicant Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 43 , Page(s) 5555 under the heading **Assignments Before Grant, Section 113 - 2009** In regard to Patent Application No. 2009311895, the New Applicant Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 43 , Page(s) 5555 under the heading **Assignments Before Grant, Section 113 - 2009** In regard to Patent Application No.

Corrigenda

2009311026, the New Applicant Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 43 , Page(s) 5555 under the heading **Assignments Before Grant, Section 113 - 2009** In regard to Patent Application No. 20093331027, the New Applicant Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 43 , Page(s) 5555 under the heading **Assignments Before Grant, Section 113 - 2009** In regard to Patent Application No. 2009334090, the New Applicant Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 43 , Page(s) 5662 under the heading **Assignments Registered** In regard to Patent No. 2008344184, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 26 , No 43 , Page(s) 5662 under the heading **Assignments Registered** In regard to Patent No. 2008347720, the New Patentee Name should read Samyang Biopharmaceuticals Corporation

In Vol 33 , No 31 , Page(s) 4451 under the heading **Amendments - Amendments Made** Under the name A-Clip Institute, Co. Ltd.; National Institutes of Biomedical Innovation, Health and Nutrition, Application No. 2018213716, under INID (54) correct the title to read Prophylactic and/or therapeutic agent of infectious disease or inflammatory disease

In Vol 35 , No 33 , Page(s) 6760 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Microsoft Technology Licensing LLC, Application No. 2020239982, under INID (54) correct the title to read Phase estimation with randomized Hamiltonians

In Vol 35 , No 36 , Page(s) 7265 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name FG Innovation Company Limited, Application No. 2020211503, under INID (71) add co-applicant Sharp Kabushiki Kaisha

In Vol 35 , No 40 , Page(s) 7831 under the heading **Amendments - Application for Amendments** Under the name Vetco Gray Scandinavia AS, Patent Application No. 2018369321 correct the statements to read 17 Aug 2021 and 14 Sep 2021

In Vol 35 , No 40 , Page(s) 7890 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Exacto, Inc., Application No. 2020235128, under INID (72) correct the co-inventor to OBEAR, Glen R.

In Vol 35 , No 44 , Page(s) 8630 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Seattle Children's Hospital (dba Seattle Children's Research Institute), Application No. 2020237097, under INID (54) correct the title to read Sodium fluorescein as a reversal agent for an anti-fluorescein CAR T cells and fluorescein-phospholipid-ethers or profluorescein-phospholipid-ethers

In Vol 35 , No 45 , Page(s) 8815 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Mitobridge, Inc., Application No. 2020271833, under INID (72) correct the co-inventor to SASMAL, Sanjita

Corrigenda

In Vol 35 , No 47 , Page(s) 9135 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021221580.

In Vol 35 , No 49 , Page(s) 9579 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Stryker Corporation Application No. 2020271132, under INID (72) correct the co-inventor to Wallace, Rachel

In Vol 35 , No 50 , Page(s) 9734 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Bryan Medical Inc., Application No. 2020277299, under INID (71) correct the applicant name to Bryan Medical, Inc.

In Vol 35 , No 50 , Page(s) 9765 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Steeper Energy ApS., Application No. 2020276023, under INID (72) correct the co-inventor to IVERSEN, Steen Brummerstedt

In Vol 35 , No 50 , Page(s) 9804 under the heading **Applications Accepted - Name Index** Under the name Nanjing University of Aeronautics and Astronautics Application No. 2019411947, under INID (54) correct the title to read Throat offset fluidic thrust vectoring nozzle having asymmetric backbody profile

In Vol 35 , No 51 , Page(s) 9910 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Attenti Electronic Monitoring Ltd., Application No. 2020309848, under INID (71) correct the applicant name to Attenti Electronic Monitoring Ltd

Specifications Republished

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

2017230924	Intelligent Growth Solutions Limited
2017344901	Martinswerk GmbH
2019257527	Stryker Corporation
2021273599	Specialty Fitness Systems, LLC