



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments

| | |
|---|------|
| Applications for Amendment | 4579 |
| Amendments Made | 4580 |
| Alteration of Name(s) of Applicant(s)/Patentee(s) | 4581 |

Applications Accepted

| | |
|-----------------------|------|
| Name Index | 4655 |
| Numerical Index | 4679 |
| IPC Index | 4681 |

| | |
|--|------|
| Applications with amended filing dates Reg 3.5(A). | 4576 |
|--|------|

| | |
|---|------|
| Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired | 4577 |
|---|------|

Applications Open to Public Inspection

| | |
|-----------------------|------|
| Name Index | 4584 |
| Numerical Index | 4596 |
| IPC Index | 4598 |

| | |
|---|------|
| Assignments before Grant, Section 113 | 4578 |
|---|------|

| | |
|------------------------------|------|
| Assignments Registered | 4689 |
|------------------------------|------|

Certified Innovation Patents

| | |
|-----------------------|------|
| Name Index | 4686 |
| Numerical Index | 4687 |
| IPC Index | 4688 |

Complete Applications Filed

| | |
|-----------------------|------|
| Name Index | 4565 |
| Numerical Index | 4573 |

| | |
|------------------|------|
| Corrigenda | 4691 |
|------------------|------|

| | |
|---|-------------|
| Extensions of Term of Standard Patents | 4690 |
| Extensions of Time, Section 223 | 4579 |
| Innovation Patent Applications Filed | |
| Name Index | 4575 |
| Numerical Index | 4576 |
| Innovation Patents Open to Public Inspection | |
| Name Index | 4601 |
| Numerical Index | 4602 |
| IPC Index | 4603 |
| PCT applications which have entered the National Phase | |
| Name Index | 4604 |
| Numerical Index | 4644 |
| IPC Index | 4648 |
| Patents Granted | 4689 |
| Licences Registered | 4690 |
| Opposition Proceedings | 4689 |
| Provisional Applications Filed | |
| Name Index | 4561 |
| Numerical Index | 4564 |
| Specifications Republished | 4691 |

General Information

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or contact our Customer Service Network on 1300651010*

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Contact information

Freedom of Information ACT

Professional Standards Board

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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.

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 2 Aug 2022 .

| | | |
|--|---|--|
| (71) Axiom Holographics Pty Ltd (21) 2022902204 (22) 05.08.2022 (54) A THREE-DIMENSIONAL IMAGE DISPLAY SYSTEM | (71) Breville Pty Limited (21) 2022902217 (22) 08.08.2022 (54) System and Method for Dispensing Ground Coffee | (71) Greig, A. (21) 2022902199 (22) 05.08.2022 (54) CHAIN LUBRICATION TOOL |
| (71) Axis Innovation Pty Ltd (21) 2022902188 (22) 04.08.2022 (54) A HEAT GENERATING COATING, A BUILDING ELEMENT AND A HEATING SYSTEM EMPLOYING THE SAME | (71) Briscoe-hough, J.; Groves, C. (21) 2022902223 (22) 08.08.2022 (54) Basketball shooting form aid apparatus | (71) Griffith University (21) 2022902183 (22) 03.08.2022 (54) ANTIVIRAL COMPOUNDS AND USES THEREOF |
| (71) barnes, d. (21) 2022902210 (22) 06.08.2022 (54) Brush Protector | (71) Cunningham, S. (21) 2022902185 (22) 03.08.2022 (54) Variable Attenuator and Equaliser For Coaxial Networks | Groves, C. see Briscoe-hough, J. (21) 2022902223 |
| (71) Ben Brogan Pty Ltd (21) 2022902195 (22) 04.08.2022 (54) SYSTEM AND METHOD OF PERMITTING CASHLESS AND CONTACTLESS FUNDS TRANSFER | (71) D & N Associates Pty. Ltd. (21) 2022902170 (22) 02.08.2022 (54) A harvesting vehicle | (71) Harrison, H. (21) 2022902221 (22) 08.08.2022 (54) Carrier |
| (71) BENELEC PTY. LIMITED (21) 2022902197 (22) 05.08.2022 (54) Extremely Wideband and Metallic Directional Antenna using Laser Processing for 5G Sub-6GHz Applications | (71) Dimerix Bioscience Pty Ltd (21) 2022902171 (22) 02.08.2022 (54) Dosage regimen for the treatment of COPD | Hildebrandt, D. see Rubin, D. (21) 2022902174 |
| (71) Binns, B. (21) 2022902224 (22) 08.08.2022 (54) Digital receipt system | (71) DRYDEN HOLDINGS PTY LTD (21) 2022902176 (22) 03.08.2022 (54) STABILISATION AND LIFTING MEMBER | (71) Hydromine Pty Ltd (21) 2022902216 (22) 08.08.2022 (54) Pumped hydro energy system |
| (71) Bird Healthcare Pty. Ltd. (21) 2022902220 (22) 08.08.2022 (54) A Filter Device | (71) Fitch IP Holding Pty Ltd (21) 2022902214 (22) 08.08.2022 (54) A Device for Identifying Faults in Cooling Systems | (71) Kingseafoodmarket (21) 2022902215 (22) 08.08.2022 (54) SEAFOOD PLATFORM |
| (71) Braasch, H. (21) 2022902198 (22) 05.08.2022 (54) An alternative treeview display using its background to show node hierarchy | (71) Footsi Holdings Pty Ltd (21) 2022902226 (22) 08.08.2022 (54) FOOTREST | (71) Kingseafoodmarket (21) 2022902218 (22) 08.08.2022 (54) KING SEAFOOD MARKET |
| | (71) Glasser, D. see Rubin, D. (21) 2022902174 | (71) KONSTEK, P. (21) 2022902189 (22) 04.08.2022 (54) Bag dispenser and dispensing system |
| | | (71) Krsmanovic, D. (21) 2022902211 (22) 06.08.2022 (54) T[R]IPLA.CON Constructive Constructions |

Provisional Applications Filed - Name Index cont'd

(71) Leersen, G.
(21) 2022902212 (22) 07.08.2022
(54) Electronic Hollow Grind Tester for Sheep Shearing Cutter

lowenstein, R. see Robin Lowenstein
(21) 2022902184

(71) Macquarie University
(21) 2022902202 (22) 05.08.2022
(54) INHIBITORS AND USES THEREFOR

(71) Makinex IP Pty Ltd
(21) 2022902209 (22) 05.08.2022
(54) A mixing station and a module

(71) Menzies, G.W.
(21) 2022902194 (22) 04.08.2022
(54) TRANSPORTATION ASSEMBLY

(71) MTI GROUP PTY LIMITED
(21) 2022902173 (22) 02.08.2022
(54) Hole Measurement System and Method

(71) MULDER, H.
(21) 2022902193 (22) 04.08.2022
(54) Smart Pot, Protecting Marine Environment

(71) Naismith Holdings Pty Ltd
(21) 2022902225 (22) 08.08.2022
(54) A Bevelling Tool

Oldfield, G. see Pivac, M.
(21) 2022902229

(71) Omni Tanker Technology Pty Ltd
(21) 2022902178 (22) 03.08.2022
(54) A hollow roto-moulded article

(71) Omni Tanker Technology Pty Ltd
(21) 2022902179 (22) 03.08.2022
(54) A hollow roto-moulded article

(71) Oxford Green Homes Pty Ltd
(21) 2022902172 (22) 02.08.2022
(54) PANEL BUILDING AND INSULATION SYSTEM

(71) Pagden, K.
(21) 2022902187 (22) 03.08.2022
(54) 3 Stage Evaporative Particulate/Carbon Air Filter

(71) Panther PE Tools Pty Ltd
(21) 2022902180 (22) 03.08.2022
(54) FACING TOOL ASSEMBLY

(71) Piacun, M.
(21) 2022902165 (22) 02.08.2022
(54) PIPE HANDLING SYSTEM

(71) Pivac, M.; Oldfield, G.
(21) 2022902229 (22) 09.08.2022
(54) VTOL Quad Jet

(71) Portable Analytical Solutions Pty Ltd
(21) 2022902222 (22) 08.08.2022
(54) System & Method for the In-situ Sampling and Analysis of an Asbestos Containing Material

(71) Power, R.
(21) 2022902182 (22) 03.08.2022
(54) Split Shank Bolt

(71) Pyxta
(21) 2022902190 (22) 04.08.2022
(54) Universal taxonomies for business data analysis

(71) Q-CTRL Pty Ltd
(21) 2022902177 (22) 03.08.2022
(54) Robust atom interferometer

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2022902186

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2022902186 (22) 04.08.2022
(54) HEAD MOUNTED DISPLAY UNIT AND INTERFACING STRUCTURE THEREFOR

(71) Robin Lowenstein; lowenstein, R.
(21) 2022902184 (22) 03.08.2022
(54) Whatsapp Application Business used as Chatbox for all website URL address types The QR Code for whatsapp Application Business account or private account will be embedded into the website or application link directly to the organization or personal WhatsApp application to act as a chatbox to improve communications (Business or private WhatApp Application Account)

(71) Ronin Exports Private Limited
(21) 2022902201 (22) 05.08.2022
(54) EV WIND CHARGE

(71) Rubin, D.; Hildebrandt, D.; Glasser, D.
(21) 2022902174 (22) 02.08.2022
(54) OSMOTIC ENERGY STORAGE

(71) Safetylink Pty Ltd
(21) 2022902219 (22) 08.08.2022
(54) Improved Davit

(71) Secona Pty Ltd
(21) 2022902196 (22) 04.08.2022
(54) Multipoint Door Locking Mechanism

(71) Sherry Service & Maintenance Pty Ltd
(21) 2022902191 (22) 04.08.2022
(54) A SECURE DISPENSER FOR DISPENSING MEDICATIONS

(71) Shift Engineering
(21) 2022902175 (22) 03.08.2022
(54) Deep pit transmitter pod

(71) Slip IP Holdings Pty Ltd
(21) 2022902203 (22) 05.08.2022
(54) A pillow

(71) Swan Hill Engineering Pty Ltd
(21) 2022902208 (22) 05.08.2022
(54) Run-Off Water Removal System

(71) Synertec Pty Ltd
(21) 2022902181 (22) 03.08.2022
(54) Renewable Energy Power Generation, Storage and Management System

(71) The University of Adelaide
(21) 2022902227 (22) 08.08.2022
(54) AQUEOUS ELECTROCHEMICAL DEVICES AND PREPARATION METHOD THEREOF

(71) The Westmead Institute for Medical Research; Western Sydney Local Health District
(21) 2022902200 (22) 05.08.2022
(54) Antifungal treatments

(71) Tomic, D.
(21) 2022902206 (22) 05.08.2022
(54) ENCAPSULATED TOOTHPASTE AND DISPENSING ASSEMBLY

(71) Visionary Machines Pty Ltd
(21) 2022902228 (22) 09.08.2022
(54) SYSTEMS AND METHODS FOR GENERATING AND/OR USING 3-DIMENSIONAL INFORMATION WITH ONE OR MORE MOVING CAMERAS

(71) VK PROPERTY GROUP PTY LTD.
(21) 2022902192 (22) 04.08.2022
(54) Fire Suppressant System

Provisional Applications Filed - Name Index cont'd

(71) WBC IP PTY LIMITED

(21) 2022902207 (22) 05.08.2022

(54) Networked Control and Monitoring System

Western Sydney Local Health District see
The Westmead Institute for Medical Research

(21) 2022902200

(71) ZENNO ASTRONAUTICS LIMITED

(21) 2022902205 (22) 05.08.2022

(54) AN IMPROVED SATELLITE SYSTEM

Numerical Index

| | |
|------------|---|
| 2022902165 | Piacun, M. |
| 2022902170 | D & N Associates Pty. Ltd. |
| 2022902171 | Dimerix Bioscience Pty Ltd |
| 2022902172 | Oxford Green Homes Pty Ltd |
| 2022902173 | MTI GROUP PTY LIMITED |
| 2022902174 | Rubin, D.; Hildebrandt, D.; Glasser, D. |
| 2022902175 | Shift Engineering |
| 2022902176 | DRYDEN HOLDINGS PTY LTD |
| 2022902177 | Q-CTRL Pty Ltd |
| 2022902178 | Omni Tanker Technology Pty Ltd |
| 2022902179 | Omni Tanker Technology Pty Ltd |
| 2022902180 | Panther PE Tools Pty Ltd |
| 2022902181 | Synertec Pty Ltd |
| 2022902182 | Power, R. |
| 2022902183 | Griffith University |
| 2022902184 | Robin Lowenstein; lowenstein, R. |
| 2022902185 | Cunningham, S. |
| 2022902186 | ResMed Pty Ltd; ResMed Asia Pte. Ltd. |
| 2022902187 | Pagden, K. |
| 2022902188 | Axis Innovation Pty Ltd |
| 2022902189 | KONSTEK, P. |
| 2022902190 | Pyxta |
| 2022902191 | Sherry Service & Maintenance Pty Ltd |
| 2022902192 | VK PROPERTY GROUP PTY LTD. |
| 2022902193 | MULDER, H. |
| 2022902194 | Menzies, G.W. |
| 2022902195 | Ben Brogan Pty Ltd |
| 2022902196 | Secona Pty Ltd |
| 2022902197 | BENELEC PTY. LIMITED |
| 2022902198 | Braasch, H. |
| 2022902199 | Greig, A. |
| 2022902200 | The Westmead Institute for Medical Research; Western Sydney Local Health District |
| 2022902201 | Ronin Exports Private Limited |
| 2022902202 | Macquarie University |
| 2022902203 | Slip IP Holdings Pty Ltd |
| 2022902204 | Axiom Holographics Pty Ltd |
| 2022902205 | ZENNO ASTRONAUTICS LIMITED |
| 2022902206 | Tomic, D. |
| 2022902207 | WBC IP PTY LIMITED |
| 2022902208 | Swan Hill Engineering Pty Ltd |
| 2022902209 | Makinex IP Pty Ltd |
| 2022902210 | barnes, d. |
| 2022902211 | Krsmanovic, D. |
| 2022902212 | Leersen, G. |
| 2022902214 | Fitch IP Holding Pty Ltd |
| 2022902215 | Kingseafoodmarket |
| 2022902216 | Hydromine Pty Ltd |
| 2022902217 | Breville Pty Limited |
| 2022902218 | Kingseafoodmarket |
| 2022902219 | Safetylink Pty Ltd |
| 2022902220 | Bird Healthcare Pty. Ltd. |
| 2022902221 | Harrison, H. |
| 2022902222 | Portable Analytical Solutions Pty Ltd |
| 2022902223 | Briscoe-hough, J.; Groves, C. |
| 2022902224 | Binns, B. |
| 2022902225 | Naismith Holdings Pty Ltd |
| 2022902226 | Footsi Holdings Pty Ltd |
| 2022902227 | The University of Adelaide |
| 2022902228 | Visionary Machines Pty Ltd |
| 2022902229 | Pivac, M.; Oldfield, G. |

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 2 Aug 2022 .

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

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| <hr/> <p>(71) AbbVie Inc. (21) 2022209336 (22) 29.07.2022 (54) Methods for treating HCV (62) 2020239800</p> <hr/> <p>(71) Acer Incorporated (21) 2022209265 (22) 27.07.2022 (54) DEVICE AND METHOD FOR HANDLING A HYBRID AUTOMATIC REPEAT REQUEST TRANSMISSION (31) 17/870,795 (32) 21.07.22 (33) US 63/229,575 05.08.21 US</p> <hr/> <p>(71) Acer Incorporated (21) 2022209323 (22) 28.07.2022 (54) DEVICE AND METHOD OF HANDLING A HANDOVER (31) 17/873,121 (32) 25.07.22 (33) US 63/235,176 20.08.21 US</p> <hr/> <p>AC Immune S.A. see Genentech, Inc. (21) 2022209213</p> <hr/> <p>(71) Aevian Pharmaceuticals, Inc. (21) 2022209289 (22) 27.07.2022 (54) MTOIC MODULATORS AND USES THEREOF (62) 2022202241</p> <hr/> <p>(71) Agilent Technologies, Inc. (21) 2022210222 (22) 01.08.2022 (54) ANTIGEN DETECTION USING PHOTOCLEAVABLE LABELS (62) 2016304599</p> <hr/> <p>(71) Apple Inc. (21) 2022206826 (22) 22.07.2022 (54) Embedded authentication systems in an electronic device (62) 2021200415</p> <hr/> <p>(71) Apple Inc. (21) 2022209019 (22) 25.07.2022 (54) Device, method, and graphical user interface for manipulating user interfaces based on unlock inputs (62) 2022200617</p> <hr/> <p>(71) Apple Inc. (21) 2022209277 (22) 27.07.2022</p> | <p>(54) Activity and workout updates (62) 2021203636</p> <hr/> <p>(71) Aquablast Services Limited (21) 2022209337 (22) 29.07.2022 (54) Shoe or Boot Sole Cleaning Device and Shoe or Boot Sole Cleaning Kit comprising the Shoe or Boot Sole Cleaning Device</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022209340 (22) 29.07.2022 (54) BILL VALIDATOR MOUNT FOR ELECTRONIC GAMING MACHINES (31) 17/389,076 (32) 29.07.21 (33) US</p> <hr/> <p>(71) Ascendis Pharma Growth Disorders A/S (21) 2022209221 (22) 26.07.2022 (54) Controlled-release CNP agonists with increased NEP stability (62) 2017205690</p> <hr/> <p>(71) Asset & Frontline Security Services Limited (21) 2022206812 (22) 22.07.2022 (54) A SECURITY SYSTEM (31) 2110549.9 (32) 22.07.21 (33) GB</p> <hr/> <p>(71) Auctane, LLC. (21) 2022209348 (22) 29.07.2022 (54) Concatenated shipping documentation processing spawning intelligent generation subprocesses (62) 2020204285</p> <hr/> <p>(71) AVECHO BIOTECHNOLOGY LIMITED (21) 2022209327 (22) 28.07.2022 (54) A method for improving performance parameters of an animal (62) 2017372885</p> <hr/> <p>(71) B.BOX FOR KIDS DEVELOPMENTS PTY LTD (21) 2022206825 (22) 22.07.2022 (54) A REUSABLE FOOD CONTAINER</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2022209211 (22) 25.07.2022 (54) Automated sample preparation system for diagnostic testing of same (62) 2017220028</p> | <hr/> <p>(71) Becton Dickinson Rowa Germany GmbH (21) 2022209243 (22) 26.07.2022 (54) Storage and dispensing station for a blister dispenser (62) 2018215105</p> <hr/> <p>(71) BEDGEAR, LLC (21) 2022209334 (22) 29.07.2022 (54) MATTRESS ASSEMBLY AND METHOD (62) 2020230275</p> <hr/> <p>(71) Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd. (21) 2022209253 (22) 27.07.2022 (54) WIND FARM NOISE PREDICTION METHOD, APPARATUS AND SYSTEM (62) 2019370330</p> <hr/> <p>(71) Beijing Microlive Vision Technology Co., Ltd (21) 2022209288 (22) 27.07.2022 (54) PERSONAL INFORMATION SHARING METHOD AND APPARATUS, TERMINAL DEVICE, AND STORAGE MEDIUM (62) 2018430996</p> <hr/> <p>(71) Beijing Tusen Zhitu Technology Co., Ltd. (21) 2022209224 (22) 26.07.2022 (54) Map construction method, apparatus and storage medium (31) 202110873182.3 (32) 30.07.21 (33) CN</p> <hr/> <p>(71) Beijing Tusen Zhitu Technology Co., Ltd. (21) 2022209225 (22) 26.07.2022 (54) Multiple target tracking method and apparatus, calculating device and storage medium (31) 202110865211.1 (32) 29.07.21 (33) CN</p> <hr/> <p>(71) Beijing Tusen Zhitu Technology Co., Ltd. (21) 2022209263 (22) 27.07.2022 (54) Power supply control method for vehicle, vehicle, control unit and medium (31) 202110902736.8 (32) 06.08.21 (33) CN</p> |
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Complete Applications Filed - Name Index cont'd

- (71) Beijing Tusen Zhitu Technology Co., Ltd.
(21) 2022209290 (22) 27.07.2022
(54) Binocular image matching method, device and storage medium
(31) 202110873191.2 (32) 30.07.21 (33) CN
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- (71) Beijing Tusen Zhitu Technology Co., Ltd.
(21) 2022209302 (22) 28.07.2022
(54) Simulation method for autonomous vehicle and method for controlling autonomous vehicle
(31) 202110909544.X (32) 09.08.21 (33) CN
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- (71) Bioniz, LLC
(21) 2022209272 (22) 27.07.2022
(54) STABLE MODULATORS OF GAMMA-C-CYTOKINE ACTIVITY
(62) 2018250210
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- (71) BioNTech Research and Development, Inc.
(21) 2022209226 (22) 26.07.2022
(54) Nucleic acids encoding human antibodies to Sialyl-Lewisa
(62) 2020201225
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- (71) BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH
(21) 2022209286 (22) 27.07.2022
(54) Methods for predicting the usefulness of proteins or protein fragments for immunotherapy
(62) 2017264546
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- (71) Bren-Tronics, Inc.
(21) 2022209335 (22) 29.07.2022
(54) Portable secondary battery
(31) 63/226,797 (32) 29.07.21 (33) US
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- (71) B-TEMIA INC.
(21) 2022206833 (22) 25.07.2022
(54) 3D geolocation system
(62) 2017212156
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- (71) B-TEMIA INC.
(21) 2022206834 (22) 25.07.2022
(54) Load bearing assistance apparatus for lower extremity orthotic or prosthetic devices
(62) 2017212157
-
- (71) B-TEMIA INC.
(21) 2022206835 (22) 25.07.2022
(54) Gait profiler system and method
(62) 2017395793
-
- (71) Canva Pty Ltd
(21) 2022206819 (22) 22.07.2022
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- (71) Canva Pty Ltd
(21) 2022209306 (22) 28.07.2022
(54) Systems and methods for video style transfer
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- (71) CareFusion 303, Inc.
(21) 2022209305 (22) 28.07.2022
(54) Closed male luer device for use with needleless access devices
(62) 2020286192
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- Carnegie Mellon University see University of Pittsburgh - Of the Commonwealth System of Higher Education**
(21) 2022209350
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- (71) Carrington, A.; Smith, B.
(21) 2022209358 (22) 30.07.2022
(54) CRYSTAL, SPIRITUAL, ENERGY HEALING METHOD AND FLOAT VESSEL
(62) PCT/AU2021/000002
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- (71) CDx Medical IP, Inc.
(21) 2022209237 (22) 26.07.2022
(54) Enhanced extended depth of focusing on biological samples
(62) 2019312657
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- (71) Channel Medsystems, Inc.
(21) 2022209352 (22) 29.07.2022
(54) APPARATUS AND METHODS FOR REGULATING CRYOGENIC TREATMENT
(62) 2020202031
-
- (71) CITRIX SYSTEMS, INC.
(21) 2022209257 (22) 27.07.2022
(54) ELASTIC CLOUD STORAGE ON MULTIPLE LOCATIONS
(62) 2019310339
-
- (71) City of Hope
(21) 2022209285 (22) 27.07.2022
(54) CELL PENETRATING CONJUGATES AND METHODS OF USE THEREOF
(62) 2020201725
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- (71) City of Hope
(21) 2022209292 (22) 27.07.2022
(54) CELL PENETRATING CONJUGATES AND METHODS OF USE THEREOF
(62) 2020201725
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- (71) Clear Gene, Inc.
(21) 2022209343 (22) 29.07.2022
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- (71) Methods, compositions, kits and devices for rapid analysis of biological markers
(62) 2016369603
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- (71) CMS ELECTRACOM LIMITED
(21) 2022206813 (22) 22.07.2022
(54) A Cable Tray
(31) GB2110979.8 (32) 30.07.21 (33) GB
-
- (71) Cognian Technologies Ltd
(21) 2022206822 (22) 22.07.2022
(54) Network Devices
(62) 2017308511
-
- (71) Corn Products Development, Inc.; In-gredion Singapore Pte. Ltd.
(21) 2022209338 (22) 29.07.2022
(54) Thermally inhibited waxy cassava starch
(62) 2018334515
-
- (71) Cripps Clark, J.
(21) 2022209201 (22) 25.07.2022
(54) DigEMake : Systems, devices & methods for accountable identification, for data protection, authority, welfare, health and economic participation including potentially multiple different sovereign identification protocols in multiple jurisdictions, enabling better management of diverse economic assets, information and environments (sovereign, personal, professional, cloud based, machine learning and appropriately systemized and localized machine control) using advanced technologies including block chain.
(62) 2022203235
-
- (71) Cripps Clark, J.
(21) 2022209202 (22) 25.07.2022
(54) QMake: Systems, devices & methods for energy management and encouraged public participation using advanced technologies including block chain
(62) 2022203235
-
- (71) DC Systems B.V.
(21) 2022209351 (22) 29.07.2022
(54) A PROTECTION CIRCUIT
(31) 63/233,770 (32) 17.08.21 (33) US
-
- (71) Deep Brain Innovations LLC
(21) 2022209307 (22) 28.07.2022
(54) DEEP BRAIN STIMULATOR AND METHOD OF USE
(62) 2020250193
-
- (71) Deere & Company
(21) 2022209309 (22) 28.07.2022

Complete Applications Filed - Name Index cont'd

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| <p>(54) Hinged agricultural equipment (31) 17/412,647 (32) 26.08.21 (33) US</p> <hr/> <p>(71) Deere & Company (21) 2022209310 (22) 28.07.2022 (54) Commodity delivery field debris guard (31) 17/459,236 (32) 27.08.21 (33) US</p> <hr/> <p>(71) Diehl Brass Solutions Stiftung & Co. KG (21) 2022209210 (22) 25.07.2022 (54) Lead- and antimony-free brass alloy (31) 10 2021 119 474.1 (32) 27.07.21 (33) DE</p> <hr/> <p>(71) Dolby International AB (21) 2022209299 (22) 28.07.2022 (54) Advanced stereo coding based on a combination of adaptively selectable left/right or mid/side stereo coding and of parametric stereo coding (62) 2021290344</p> <hr/> <p>(71) Dorel Australia Pty Ltd (21) 2022209313 (22) 28.07.2022 (54) Top tether dampener (31) 2021902303 (32) 28.07.21 (33) AU</p> <hr/> <p>(71) Duke University (21) 2022209223 (22) 26.07.2022 (54) NON-REGULAR ELECTRICAL STIMULATION PATTERNS FOR TREATING NEUROLOGICAL DISORDERS (62) 2020213383</p> <hr/> <p>(71) DUSA Pharmaceuticals, Inc. (21) 2022209242 (22) 26.07.2022 (54) METHODS FOR PHOTODYNAMIC THERAPY (62) 2020267186</p> <hr/> <p>(71) EDWARDS, H. (21) 2022209287 (22) 27.07.2022 (54) Home brewing device (62) 2019289589</p> <hr/> <p>(71) ELECTRACOM PTY. LTD. (21) 2022206821 (22) 22.07.2022 (54) An Electrical Outlet for Power and/or Data (31) 2021902522 (32) 13.08.21 (33) AU</p> <hr/> <p>EQUIFAX, INC. see FIDELITY INFORMATION SERVICES, LLC (21) 2022206815</p> <hr/> <p>(71) Escape Therapeutics, Inc. (21) 2022209240 (22) 26.07.2022 (54) Decapeptide-12 modulation of sirtuin gene expression in epidermal keratinocyte progenitors (62) 2018243658</p> | <p>(71) Evoqua Water Technologies Limited (21) 2022209300 (22) 28.07.2022 (54) Ballast water management system (62) 2017367706</p> <hr/> <p>(71) Festool GmbH (21) 2022209259 (22) 27.07.2022 (54) Suction device (31) 10 2021 121 707.5 (32) 20.08.21 (33) DE</p> <hr/> <p>(71) Festool GmbH (21) 2022209260 (22) 27.07.2022 (54) Electrical device, in particular suction device or machine tool (31) 10 2021 121 708.3 (32) 20.08.21 (33) DE 10 2021 129 515.7 12.11.21 DE</p> <hr/> <p>(71) Festool GmbH (21) 2022209262 (22) 27.07.2022 (54) Suction device with a closure element (31) 10 2021 121 709.1 (32) 20.08.21 (33) DE</p> <hr/> <p>(71) FIDELITY INFORMATION SERVICES, LLC; EQUIFAX, INC. (21) 2022206815 (22) 22.07.2022 (54) UNIVERSAL DIGITAL IDENTITY AUTHENTICATION SERVICE (62) 2018222744</p> <hr/> <p>(71) Fleet Space Technologies Pty Ltd (21) 2022209325 (22) 28.07.2022 (54) Satellite-enabled node for ambient noise tomography (31) 2022900533 (32) 04.03.22 (33) AU 2022900680 18.03.22 AU</p> <hr/> <p>(71) Foongtone Technology Co., Ltd (21) 2022209353 (22) 29.07.2022 (54) WIRELESS INDUCTION DEVICE</p> <hr/> <p>(71) Forlong, B. (21) 2022209317 (22) 28.07.2022 (54) Frost fan assembly (31) 778553 (32) 28.07.21 (33) NZ</p> <hr/> <p>(71) Fronius International GmbH (21) 2022209234 (22) 26.07.2022 (54) Arc detection (62) 2019309171</p> <hr/> <p>(71) Genentech, Inc.; AC Immune S.A. (21) 2022209213 (22) 25.07.2022 (54) Anti-Tau antibodies and methods of use (62) 2016270858</p> <hr/> <p>(71) Gen-Probe Incorporated (21) 2022209283 (22) 27.07.2022</p> | <p>(54) Detecting Babesia species nucleic acid in a sample (62) 2018281196</p> <hr/> <p>(71) Gentex Corporation (21) 2022209238 (22) 26.07.2022 (54) Headset and headset coupling system (62) 2019269664</p> <hr/> <p>(71) Graham, D. (21) 2022206831 (22) 23.07.2022 (54) DEVICE TO CONVERT MECHANICAL POWER TO ELECTRICAL POWER OF 1000V (31) 2021902537 (32) 14.08.21 (33) AU</p> <hr/> <p>(71) Gramboo Inc. (21) 2022209249 (22) 26.07.2022 (54) Directory assisted routing of content in an information centric network (62) 2019282267</p> <hr/> <p>(71) GW Research Limited (21) 2022209295 (22) 28.07.2022 (54) Use of cannabidiols in the treatment of epilepsy (62) 2020217417</p> <hr/> <p>(71) Gyrus Medical Limited (21) 2022209346 (22) 29.07.2022 (54) Surgical device seal (31) 63/231,281 (32) 10.08.21 (33) US</p> <hr/> <p>(71) Haden, J. (21) 2022209245 (22) 26.07.2022 (54) ORAL HYDRATION SYSTEM (62) 2017209435</p> <hr/> <p>(71) Hangzhou DAC Biotech Co., Ltd (21) 2022206809 (22) 22.07.2022 (54) Bridge Linkers for Conjugation of Cell-Binding Molecules (62) 2021202467</p> <hr/> <p>(71) Henkel AG & Co. KGaA (21) 2022207323 (22) 25.07.2022 (54) Sprayable laundry pre-treatment composition (31) EP21190970 (32) 12.08.21 (33) EP</p> <hr/> <p>(71) Hokins, B.C. (21) 2022209342 (22) 29.07.2022 (54) Fluid drainage assembly (61) 2014201774</p> <hr/> <p>(71) Hokins, B.C. (21) 2022209347 (22) 29.07.2022 (54) Inflatable mining plug (61) 2014201774</p> |
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Complete Applications Filed - Name Index cont'd

(71) Hollister Incorporated
(21) 2022209269 (22) 27.07.2022
(54) Medical device package with a twist cap
(62) 2017254706

(71) Hunt Perovskite Technologies, L.L.C.
(21) 2022209281 (22) 27.07.2022
(54) BI- AND TRI-LAYER INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES
(62) 2020267316

(71) IKONOMOU, K.
(21) 2022209270 (22) 27.07.2022
(54) PATCH PANEL ARRANGEMENTS CABLE TERMINATING DEVICES & METHODS
(62) 2020289801

(71) Illinois Tool Works Inc.
(21) 2022209356 (22) 29.07.2022
(54) Nut with injection port for reinforcing bar
(62) 2021221724

Ingredion Singapore Pte. Ltd. see Corn Products Development, Inc.
(21) 2022209338

(71) Intact Vascular, Inc.
(21) 2022209316 (22) 28.07.2022
(54) Delivery device and method of delivery
(62) 2020273313

(71) Intellitech Pty Ltd
(21) 2022209284 (22) 27.07.2022
(54) Electric Motor Having A Diametric Coil
(62) 2016424895

(71) Intervet International B.V.
(21) 2022209359 (22) 30.07.2022
(54) Multivalent feline vaccine
(62) 2018383915

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2022209227

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2022209308

JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2022206830

JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2022209208

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(21) 2022209345 (22) 29.07.2022
(54) Novel amine compound, acid gas absorbent, method for removing acid gas, and acid gas removal apparatus
(31) 2021-150538 (32) 15.09.21 (33) JP

(71) KANDO INNOVATION LIMITED
(21) 2022209233 (22) 26.07.2022
(54) Safety apparatus for a power operated skinning machine with a fixed blade.
(62) 2020264309

(71) Karsten Manufacturing Corporation
(21) 2022209318 (22) 28.07.2022
(54) Sub-assembly for a golf bag and a golf bag system for recipient self-assembly
(62) 2021202793

Kim, Y. see Wang, Y.
(21) 2022209274

Kite Pharma, Inc. see The United States of America, as represented by the Secretary, Department of Health and Human Service
(21) 2022209271

(71) Komatsu Ltd.
(21) 2022209235 (22) 26.07.2022
(54) Display control device and display control method
(62) 2019292456

(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
(21) 2022209332 (22) 29.07.2022
(54) ELECTROLYSIS ARRANGEMENT AND METHOD WITH ANOLYTE COOLER
(31) 21020418.6 (32) 17.08.21 (33) EP

(71) Lensar, Inc.
(21) 2022209256 (22) 27.07.2022
(54) Patient interface device for laser methods and systems
(62) 2017248228

(71) LG Electronics Inc.
(21) 2022209312 (22) 28.07.2022
(54) Image decoding method and device in accordance with block split structure in image coding system
(62) 2021203017

(71) LG ELECTRONICS INC.
(21) 2022209319 (22) 28.07.2022
(54) CLOTHES TREATMENT APPARATUS
(62) 2018380774

(71) Licella Pty Ltd
(21) 2022208554 (22) 25.07.2022
(54) Biorefining method
(62) 2020201229

(71) Lithium Ark Holding B.V.
(21) 2022209268 (22) 27.07.2022
(54) Production Of Lithium Hydroxide And Lithium Carbonate
(31) 17/395,457 (32) 06.08.21 (33) US

(71) Lucira Health, Inc.
(21) 2022209255 (22) 27.07.2022
(54) SYSTEMS AND METHODS FOR PERFORMING BIOLOGICAL ASSAYS
(62) 2017232340

(71) Magic Leap, Inc.
(21) 2022209261 (22) 27.07.2022
(54) Augmented reality identity verification
(62) 2017273737

(71) MAX CO., LTD.
(21) 2022209349 (22) 29.07.2022
(54) BINDING MACHINE
(31) 2021-126176 (32) 30.07.21 (33) JP

(71) MBF S.p.A.
(21) 2022206820 (22) 22.07.2022
(54) CAPPING MACHINE FOR CAPS MADE OF COMPRESSIBLE MATERIAL
(31) 102021000019706 (32) 23.07.21 (33) IT

(71) MBF S.p.A.
(21) 2022206823 (22) 22.07.2022
(54) BOTTLE CENTERING DEVICE FOR A CAPPING MACHINE FOR CAPS MADE OF COMPRESSIBLE MATERIAL AND CAPPING MACHINE FOR CAPS MADE OF COMPRESSIBLE MATERIAL PROVIDED WITH SUCH BOTTLE CENTERING DEVICE
(31) 102021000019541 (32) 22.07.21 (33) IT

Menzies, G.W. see Menzies, T.
(21) 2022209241

(71) Menzies, T.; Menzies, G.W.
(21) 2022209241 (22) 26.07.2022
(54) A transport frame
(31) 2021902310 (32) 28.07.21 (33) AU

(71) Menzies, G.W.
(21) 2022209297 (22) 28.07.2022
(54) Pallet Assembly

(71) Merck Sharp & Dohme Corp.
(21) 2022209360 (22) 30.07.2022

Complete Applications Filed - Name Index cont'd

(54) Compositions comprising Streptococcus pneumoniae polysaccharide-protein conjugates and methods of use thereof
(62) 2018400751

(71) Meridian Medical Technologies, Inc.
(21) 2022209282 (22) 27.07.2022
(54) Cartridge for auto-injector apparatus
(62) 2021204106

(71) Mesoblast, Inc.
(21) 2022209219 (22) 26.07.2022
(54) Methods of treating or preventing respiratory conditions
(62) 2020202022

(71) Mihaljevic, A.
(21) 2022209291 (22) 27.07.2022
(54) Rocket shaped drinking bottle

(71) Milwaukee Electric Tool Corporation
(21) 2022209250 (22) 27.07.2022
(54) TAPE MEASURE WITH REINFORCED TAPE BLADE AND/OR TEAR REDUCING HOOK CONFIGURATION
(62) 2017324329

(71) Moffat, B.; Sheldon-Coulson, G.
(21) 2022209252 (22) 27.07.2022
(54) Self-powered computing buoy
(62) 2018303561

(71) Monson, R.
(21) 2022209321 (22) 28.07.2022
(54) Inferencing Learning and Utilisation System and Method
(62) 2016343300

(71) MOORE, D.
(21) 2022209220 (22) 26.07.2022
(54) Apparatus for combustion of natural gas from pneumatic controllers
(31) 17/864,824 (32) 14.07.22 (33) US
63/225,807 26.07.21 US

Morel, A. see Torskal
(21) 2022209357

(71) Niche Biomedical, Inc.
(21) 2022209231 (22) 26.07.2022
(54) Method and system for targeted and adaptive transcutaneous spinal cord stimulation
(62) 2020351802

(71) NISCO CO., LTD
(21) 2022209204 (22) 25.07.2022
(54) FOLDABLE AND ADJUSTABLE BEDS
(31) 202121705352.9 (32) 26.07.21 (33) CN

(71) Nokia Solutions and Networks Oy
(21) 2022209278 (22) 27.07.2022
(54) Method and apparatus for offloading traffic from cellular to WLAN using assistance information
(62) 2020233688

(71) Novartis AG
(21) 2022209328 (22) 28.07.2022
(54) PHARMACEUTICAL COMBINATIONS
(62) 2019240200

(71) ODESI TECH PTE. LTD.
(21) 2022209314 (22) 28.07.2022
(54) Virtual Meeting System and Method to Perform an Annual General Meeting (AGM) by Users Over a Network
(31) 10202111609S (32) 19.10.21 (33) SG

(71) Olsen, B.
(21) 2022209236 (22) 26.07.2022
(54) A TRANSPORTABLE HAY DISTRIBUTOR
(31) 2021902282 (32) 26.07.21 (33) AU

(71) OXTI Pte Ltd
(21) 2022209354 (22) 29.07.2022
(54) MULTIDIRECTIONAL ADJUSTABLE SUPPORT STRUCTURE

(71) OXTI Pte Ltd
(21) 2022209355 (22) 29.07.2022
(54) MULTIDIRECTIONAL ADJUSTABLE SUPPORT STRUCTURE

(71) Palo Alto Research Center Incorporated
(21) 2022209267 (22) 27.07.2022
(54) System and Method For Selective Image Capture On Sensor Floating On The Open Sea
(31) 17/463,433 (32) 31.08.21 (33) US

(71) Peak Well Systems Limited; Peak Well Systems Pty Ltd
(21) 2022209205 (22) 25.07.2022
(54) Expanding and collapsing apparatus and methods of use
(62) 2016376006

(71) Peak Well Systems Limited; Peak Well Systems Pty Ltd
(21) 2022209206 (22) 25.07.2022
(54) Expanding and collapsing apparatus and methods of use
(62) 2016376004

Peak Well Systems Pty Ltd see Peak Well Systems Limited
(21) 2022209205

Peak Well Systems Pty Ltd see Peak Well Systems Limited
(21) 2022209206

(71) PepsiCo, Inc.
(21) 2022209207 (22) 25.07.2022
(54) Lean Vending Machine
(62) 2017377937

(71) PharmaEssentia Corporation
(21) 2022211867 (22) 04.08.2022
(54) Method of Treating Chronic Myeloid Leukemia Using Pegylated Interferon and Tyrosine Kinase Inhibitor

(71) Plastic Solutions Australia Pty Ltd
(21) 2022209324 (22) 28.07.2022
(54) Panel to Panel Connector
(31) 2021902322 (32) 28.07.21 (33) AU

(71) PROTOSTAR GROUP LTD.
(21) 2022209209 (22) 25.07.2022
(54) SYSTEM AND METHOD FOR PERMANENT CARBON DIOXIDE SEQUESTRATION USING A RENEWABLE ENERGY SOURCE
(31) 63/230,843 (32) 09.08.21 (33) US
17/705,792 28.03.22 US

(71) PTC Therapeutics, Inc.
(21) 2022209304 (22) 28.07.2022
(54) Heteroaryl compounds for treating Huntington's disease
(62) 2019294482

(71) Qualcomm Incorporated
(21) 2022209216 (22) 26.07.2022
(54) METHODS AND APPARATUS FOR USE OF COMPACT CONCURRENT CODECS IN MULTIMEDIA COMMUNICATIONS
(62) 2017298381

(71) Qualcomm Incorporated
(21) 2022209275 (22) 27.07.2022
(54) RANGING BASED LOCATION SERVICES IN WIRELESS COMMUNICATION
(62) 2019229232

(71) Qualcomm Incorporated
(21) 2022209322 (22) 28.07.2022
(54) MOS TRANSISTOR OFFSET-CANCELING DIFFERENTIAL CURRENT-LATCHED SENSE AMPLIFIER
(62) 2017332696

(71) Rain-Check.IT Pty Ltd
(21) 2022206832 (22) 24.07.2022
(54) A System and Method for Facilitating Shopping
(62) 2016367715

Complete Applications Filed - Name Index cont'd

(71) RECHNER Industrie-Elektronik GmbH
(21) 2022209212 (22) 25.07.2022
(54) Capacitive filling level probe without dead zone
(31) 21 190 413.1 (32) 09.08.21 (33) EP

(71) Reflex Instruments Asia Pacific Pty Ltd
(21) 2022209230 (22) 26.07.2022
(54) METHOD AND SYSTEM FOR EN-
ABLING AT SURFACE CORE ORIENT-
ATION DATA TRANSFER
(62) 2017214766

(71) Regeneron Pharmaceuticals, Inc.
(21) 2022209279 (22) 27.07.2022
(54) Immunotherapy methods for patients
whose tumors carry a high passenger
gene mutation burden
(62) 2018336785

(71) Rolapal Limited
(21) 2022209264 (22) 27.07.2022
(54) A Wheelchair

(71) Russell, J.
(21) 2022209333 (22) 29.07.2022
(54) SYSTEM AND METHOD FOR GEN-
ERATING API DEVELOPMENT CODE
FOR INTEGRATING PLATFORMS
(62) 2017304282

(71) Sadleir Laboratories Pty Ltd
(21) 2022209197 (22) 25.07.2022
(54) Medication delivery system and method
(62) 2022204074

(71) Sage Therapeutics, Inc.
(21) 2022209232 (22) 26.07.2022
(54) C17, C20, and C21 substituted neuro-
active steroids and their methods of use
(62) 2017297375

(71) Schneider Electric Industries SAS
(21) 2022209244 (22) 26.07.2022
(54) ELECTRICAL PROTECTION DEVICE
WITH THERMAL TRIP, ELECTRICAL
SWITCHBOARD COMPRISING SUCH
A DEVICE AND METHOD FOR SET-
TING SUCH A DEVICE
(31) 2108554 (32) 06.08.21 (33) FR

(71) Seagen, Inc.
(21) 2022209203 (22) 25.07.2022
(54) Anti-NTB-A antibodies and related com-
positions and methods
(62) 2016287647

Sheldon-Coulson, G. see Moffat, B.
(21) 2022209252

(71) Siemens Healthcare Diagnostics Inc.
(21) 2022209251 (22) 27.07.2022
(54) Multiple diagnostic engine environment
(62) 2018368735

(71) Siemens Mobility GmbH
(21) 2022209303 (22) 28.07.2022
(54) Method of counting axles with com-
puter-aided evaluation
(31) 21188561 (32) 29.07.21 (33) EP

(71) Smart Green Utility Pole, LLC.
(21) 2022209301 (22) 28.07.2022
(54) PROTECTIVE HEMP OIL FOR WOOD
TREATMENT METHOD
(31) 63/226,565 (32) 28.07.21 (33) US
17/815,501 27.07.22 US

Smith, B. see Carrington, A.
(21) 2022209358

(71) Smoke Control Australia Pty Ltd
(21) 2022209246 (22) 26.07.2022
(54) Insulated sliding door assembly
(31) 2021902281 (32) 26.07.21 (33) AU

(71) Snap-on Incorporated
(21) 2022209293 (22) 28.07.2022
(54) Modular vise
(31) 17/397,451 (32) 09.08.21 (33) US

(71) Société des Produits Nestlé S.A.
(21) 2022209311 (22) 28.07.2022
(54) Compositions comprising sialylated
oligosaccharides for use in infants or
young children to prevent later in life
obesity or related comorbidities and
promote a healthy growth
(62) 2017213083

Solymosi, G. see Wang, Y.
(21) 2022209274

(71) Spry, P.
(21) 2022209331 (22) 29.07.2022
(54) Trenching Panels, Panel Assembly,
System and Method
(62) 2020256393

(71) SUNOVION PHARMACEUTICALS
INC.
(21) 2022209266 (22) 27.07.2022
(54) Methods of treating schizophrenia
(62) 2018220509

(71) Superior Power Tool Co., Ltd.
(21) 2022209326 (22) 28.07.2022

(54) BAGLESS GAS CANISTER FOR GAS
NAILER
(31) 110136558 (32) 30.09.21 (33) TW

(71) SUPERSONIC IMAGINE
(21) 2022209258 (22) 27.07.2022
(54) Method and system for processing a
set of signals received by a transducer
element
(31) 21315189.7 (32) 24.09.21 (33) EP

(71) Syhte.bio Inc.
(21) 2022211795 (22) 02.08.2022
(54) HAIRPIN LOOP ENDED SELF-COM-
PLEMENTARY DOUBLE-STRANDED
COVALENTLY CLOSED LINEAR DNA
VECTOR, MANUFACTURING SYS-
TEM AND PROCESS, AND USES OF
SAID RESULTING DNA VECTOR
(31) 63/230,603 (32) 06.08.21 (33) US

(71) Takeda Vaccines, Inc.
(21) 2022209239 (22) 26.07.2022
(54) Method for inactivating ZIKA Virus and
for determining the completeness of in-
activation
(62) 2022201109

(71) TAWADROUS, T.
(21) 2022211857 (22) 04.08.2022
(54) SMART GARMENT RUNS VIA APP

(71) Technip Energies France
(21) 2022206818 (22) 22.07.2022
(54) Method of operating a fuel cell system
with carbon dioxide recovery and asso-
ciated installation
(31) 2108009 (32) 23.07.21 (33) FR

(71) Techtronic Cordless GP
(21) 2022209280 (22) 27.07.2022
(54) Fluid transfer pump
(31) 202121777240.4 (32) 02.08.21 (33) CN

(71) The Board of Regents of the University
of Oklahoma; University of Virginia Pat-
ent Foundation
(21) 2022209199 (22) 25.07.2022
(54) Target peptides for ovarian cancer ther-
apy and diagnostics
(62) 2020204594

(71) The Board of Trustees of the Leland
Stanford Junior University
(21) 2022211785 (22) 01.08.2022
(54) Biomarkers for use in prognosis of mor-
tality in critically ill patients
(62) 2017289600

(71) The Boeing Company
(21) 2022206810 (22) 22.07.2022

Complete Applications Filed - Name Index cont'd

(54) Ergonomics improvement systems having wearable sensors and related methods
(31) 17/383,173 (32) 22.07.21 (33) US

(71) The Boeing Company
(21) 2022206817 (22) 22.07.2022
(54) Ergonomics improvement systems having wearable sensors and related methods
(31) 17/383,179 (32) 22.07.21 (33) US

(71) THE CHINESE UNIVERSITY OF HONG KONG
(21) 2022209294 (22) 28.07.2022
(54) Mutational analysis of plasma DNA for cancer detection
(62) 2020200122

(71) The General Hospital Corporation
(21) 2022209254 (22) 27.07.2022
(54) USING TRUNCATED GUIDE RNAS (TRU-GRNAS) TO INCREASE SPECIFICITY FOR RNA-GUIDED GENOME EDITING
(62) 2020201465

(71) The Gillette Company LLC
(21) 2022209200 (22) 25.07.2022
(54) RAZOR HANDLE WITH MOVABLE MEMBERS
(62) 2019242730

(71) The Gillette Company LLC
(21) 2022209273 (22) 27.07.2022
(54) SHAVING RAZOR SYSTEM INCLUDING SKIN INTERCONNECT MEMBER
(62) 2019243854

(71) The Jackson Laboratory
(21) 2022209298 (22) 28.07.2022
(54) Nicotinamide for use in the treatment and prevention of ocular neurodegenerative disorder (e.g. glaucoma)
(62) 2016341314

(71) The Procter & Gamble Company
(21) 2022206814 (22) 22.07.2022
(54) Oral care compositions for promoting gum health
(62) 2018415259

(71) THE TORO COMPANY
(21) 2022209339 (22) 29.07.2022
(54) Turf aerator
(31) 17/390,023 (32) 30.07.21 (33) US

(71) The United States of America, as represented by the Secretary, Department of Health and Human Service; Kite Pharma, Inc.
(21) 2022209271 (22) 27.07.2022

(54) METHODS OF PREPARING T CELLS FOR T CELL THERAPY
(62) 2016341966

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2022209229 (22) 26.07.2022
(54) T Cell receptors recognizing HLA-Cw8 restricted mutated KRAS
(62) 2021200833

(71) The University of Akron
(21) 2022209344 (22) 29.07.2022
(54) SMART SENSOR NETWORK FOR POWER GRID HEALTH MONITORING
(62) 2020203549

(71) Torskal; Morel, A.
(21) 2022209357 (22) 29.07.2022
(54) GOLD NANOPARTICLES AND ECOLOGICAL METHOD OF PRODUCTION
(62) 2017208782

Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba
(21) 2022209345

(71) Toshiba Mitsubishi-Electric Industrial Systems Corporation
(21) 2022209228 (22) 26.07.2022
(54) Adjustment control device for use in a distributed power source system
(62) 2019427992

(71) TRACTO-TECHNIK GmbH & Co. KG
(21) 2022209276 (22) 27.07.2022
(54) TO BE ADVISED
(31) 10 2021 003 893.2 (32) 28.07.21 (33) DE

(71) Transportation IP Holdings, LLC
(21) 2022209214 (22) 26.07.2022
(54) INSERT DEVICE FOR FUEL INJECTION
(31) 17/401,284 (32) 12.08.21 (33) US

(71) Transportation IP Holdings, LLC
(21) 2022209215 (22) 26.07.2022
(54) METHODS AND SYSTEMS FOR CYLINDER DIAGNOSIS
(31) 17/450,057 (32) 05.10.21 (33) US

(71) Transportation IP Holdings, LLC
(21) 2022209217 (22) 26.07.2022
(54) GEARCASE SYSTEM FOR MOTOR AND WHEEL SET ASSEMBLY
(31) 17/450,053 (32) 05.10.21 (33) US

(71) Transportation IP Holdings, LLC
(21) 2022209218 (22) 26.07.2022

(54) METHODS AND SYSTEMS FOR DIAGNOSING ENGINE CYLINDERS
(31) 17/450,036 (32) 05.10.21 (33) US

TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH see BioNTech SE
(21) 2022209286

(71) Tsubakimoto Chain Co.
(21) 2022209296 (22) 28.07.2022
(54) Connecting link and chain
(31) 2021-129137 (32) 05.08.21 (33) JP

(71) TTI (Macao Commercial Offshore) Limited
(21) 2022209222 (22) 26.07.2022
(54) An autonomous lawn mower and a system for navigating thereof
(62) 2021200891

(71) University of Miami
(21) 2022206811 (22) 22.07.2022
(54) Method for isolation and purification of microvesicles from cell culture supernatants and biological fluids
(62) 2020223723

(71) University of Pittsburgh - Of the Commonwealth System of Higher Education; Carnegie Mellon University
(21) 2022209350 (22) 29.07.2022
(54) MICRONEEDLE ARRAYS FOR CANCER THERAPY APPLICATIONS
(62) 2020294197

University of Virginia Patent Foundation see The Board of Regents of the University of Oklahoma
(21) 2022209199

(71) Valvoline Licensing and Intellectual Property LLC
(21) 2022209330 (22) 29.07.2022
(54) COMPOSITION FOR USE IN CLEANING METAL COMPONENTS
(62) 2019462996

(71) Vorwerk & Co. Interholding GmbH
(21) 2022206827 (22) 22.07.2022
(54) Küchengerät mit einer Küchengerätebasis und einem Zubereitungsmodul
(31) 21192448.5 (32) 20.08.21 (33) EP

(71) Vorwerk & Co. Interholding GmbH
(21) 2022206828 (22) 22.07.2022
(54) Küchengerätebasis, Zubereitungsmodul und Küchengerät
(31) 21192449.3 (32) 20.08.21 (33) EP

Complete Applications Filed - Name Index cont'd

- (71) Wang, Y.; Solymosi, G.; Kim, Y.
 (21) 2022209274 (22) 27.07.2022
 (54) System and method for evaluating models for predictive failure of renewable energy assets
 (62) 2019413696
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- (71) Waymo LLC
 (21) 2022209361 (22) 30.07.2022
 (54) METHODS AND SYSTEMS FOR VEHICLE OCCUPANCY CONFIRMATION
 (62) 2021203308
-
- (71) Wickham, A.
 (21) 2022209341 (22) 29.07.2022
 (54) ECO PPE MASK STRUCTURE
-
- (71) Wilson Wolf Manufacturing Corporation
 (21) 2022209247 (22) 26.07.2022
 (54) Cell culture methods and devices utilizing gas permeable materials
 (62) 2019240734
-
- (71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
 (21) 2022209227 (22) 26.07.2022
 (54) Solar Cell and Photovoltaic Module
 (31) 202210647861.3 (32) 08.06.22 (33) CN
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- (71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
 (21) 2022209308 (22) 28.07.2022
 (54) Photovoltaic Module
 (31) 202210732068.3 (32) 27.06.22 (33) CN
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- (71) Zhejiang Jinko Solar Co., Ltd.
 (21) 2022209315 (22) 28.07.2022
 (54) Solar Cell and Manufacture Method thereof, and Photovoltaic Module
 (31) 202210606614.9 (32) 31.05.22 (33) CN
-
- (71) ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
 (21) 2022206830 (22) 22.07.2022
 (54) SOLAR CELL AND PRODUCTION METHOD THEREOF, PHOTOVOLTAIC MODULE
 (31) CN 202210656583.8 (32) 10.06.22 (33) CN
-
- (71) ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
 (21) 2022209208 (22) 25.07.2022
 (54) PHOTOVOLTAIC MODULE
 (31) CN 202210716629.0 (32) 23.06.22 (33) CN
-
- (71) Zhejiang Jinshun Plastic Technology Co ltd
 (21) 2022206824 (22) 22.07.2022
-
- (54) A pharmaceutical packaging production line
 (31) CN202210226159.X(32) 08.03.22 (33) CN
-
- (71) Zhejiang Orient Gene Biotech Co., Ltd
 (21) 2022206829 (22) 22.07.2022
 (54) TEST DEVICE
 (31) 2021114162232 (32) 25.11.21 (33) CN
 2021229195179 25.11.21 CN
 63/237,628 27.08.21 US
 2112371.6 31.08.21 GB
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- (71) Zhejiang Orient Gene Biotech Co., Ltd
 (21) 2022209320 (22) 28.07.2022
 (54) DEVICE FOR DETECTING AN ANALYTE IN A SAMPLE
 (31) 2022103771424 (32) 11.04.22 (33) CN
 2022102544334 15.03.22 CN
 63/333,299 21.04.22 US
 63/327,048 04.04.22 US
-
- (71) Zodiac Pool Care Europe
 (21) 2022209329 (22) 29.07.2022
 (54) Automatic swimming pool cleaners with filter-loading indicators
 (62) 2018307880

Numerical Index

| | | | |
|-------------------|--|-------------------|---|
| 2022206809 | Hangzhou DAC Biotech Co., Ltd | 2022209231 | Niche Biomedical, Inc. |
| 2022206810 | The Boeing Company | 2022209232 | Sage Therapeutics, Inc. |
| 2022206811 | University of Miami | 2022209233 | KANDO INNOVATION LIMITED |
| 2022206812 | Asset & Frontline Security Services Limited | 2022209234 | Fronius International GmbH |
| 2022206813 | CMS ELECTRACOM LIMITED | 2022209235 | Komatsu Ltd. |
| 2022206814 | The Procter & Gamble Company | 2022209236 | Olsen, B. |
| 2022206815 | FIDELITY INFORMATION SERVICES, LLC; EQUIFAX, INC. | 2022209237 | CDx Medical IP, Inc. |
| 2022206817 | The Boeing Company | 2022209238 | Gentex Corporation |
| 2022206818 | Technip Energies France | 2022209239 | Takeda Vaccines, Inc. |
| 2022206819 | Canva Pty Ltd | 2022209240 | Escape Therapeutics, Inc. |
| 2022206820 | MBF S.p.A. | 2022209241 | Menzies, T.; Menzies, G.W. |
| 2022206821 | ELECTRACOM PTY. LTD. | 2022209242 | DUSA Pharmaceuticals, Inc. |
| 2022206822 | Cognian Technologies Ltd | 2022209243 | Becton Dickinson Rowa Germany GmbH |
| 2022206823 | MBF S.p.A. | 2022209244 | Schneider Electric Industries SAS |
| 2022206824 | Zhejiang Jinshun Plastic Technology Co Ltd | 2022209245 | Haden, J. |
| 2022206825 | B.BOX FOR KIDS DEVELOPMENTS PTY LTD | 2022209246 | Smoke Control Australia Pty Ltd |
| 2022206826 | Apple Inc. | 2022209247 | Wilson Wolf Manufacturing Corporation |
| 2022206827 | Vorwerk & Co. Interholding GmbH | 2022209249 | Gramboo Inc. |
| 2022206828 | Vorwerk & Co. Interholding GmbH | 2022209250 | Milwaukee Electric Tool Corporation |
| 2022206829 | Zhejiang Orient Gene Biotech Co., Ltd | 2022209251 | Siemens Healthcare Diagnostics Inc. |
| 2022206830 | ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD. | 2022209252 | Moffat, B.; Sheldon-Coulson, G. |
| 2022206831 | Graham, D. | 2022209253 | Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd. |
| 2022206832 | Rain-Check.IT Pty Ltd | 2022209254 | The General Hospital Corporation |
| 2022206833 | B-TEMIA INC. | 2022209255 | Lucira Health, Inc. |
| 2022206834 | B-TEMIA INC. | 2022209256 | Lensar, Inc. |
| 2022206835 | B-TEMIA INC. | 2022209257 | CITRIX SYSTEMS, INC. |
| 2022207323 | Henkel AG & Co. KGaA | 2022209258 | SUPERSONIC IMAGINE |
| 2022208554 | Licella Pty Ltd | 2022209259 | Festool GmbH |
| 2022209019 | Apple Inc. | 2022209260 | Festool GmbH |
| 2022209197 | Sadleir Laboratories Pty Ltd | 2022209261 | Magic Leap, Inc. |
| 2022209199 | The Board of Regents of the University of Oklahoma; University of Virginia Patent Foundation | 2022209262 | Festool GmbH |
| 2022209200 | The Gillette Company LLC | 2022209263 | Beijing Tusen Zhitu Technology Co., Ltd. |
| 2022209201 | Cripps Clark, J. | 2022209264 | Rolapal Limited |
| 2022209202 | Cripps Clark, J. | 2022209265 | Acer Incorporated |
| 2022209203 | Seagen, Inc. | 2022209266 | SUNOVION PHARMACEUTICALS INC. |
| 2022209204 | NISCO CO., LTD | 2022209267 | Palo Alto Research Center Incorporated |
| 2022209205 | Peak Well Systems Limited; Peak Well Systems Pty Ltd | 2022209268 | Lithium Ark Holding B.V. |
| 2022209206 | Peak Well Systems Limited; Peak Well Systems Pty Ltd | 2022209269 | Hollister Incorporated |
| 2022209207 | PepsiCo, Inc. | 2022209270 | IKONOMOU, K. |
| 2022209208 | ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD. | 2022209271 | The United States of America, as represented by the Secretary, Department of Health and Human Service; Kite Pharma, Inc. |
| 2022209209 | PROTOSTAR GROUP LTD. | 2022209272 | Bioniz, LLC |
| 2022209210 | Diehl Brass Solutions Stiftung & Co. KG | 2022209273 | The Gillette Company LLC |
| 2022209211 | Becton, Dickinson and Company | 2022209274 | Wang, Y.; Solymosi, G.; Kim, Y. |
| 2022209212 | RECHNER Industrie-Elektronik GmbH | 2022209275 | Qualcomm Incorporated |
| 2022209213 | Genentech, Inc.; AC Immune S.A. | 2022209276 | TRACTO-TECHNIK GmbH & Co. KG |
| 2022209214 | Transportation IP Holdings, LLC | 2022209277 | Apple Inc. |
| 2022209215 | Transportation IP Holdings, LLC | 2022209278 | Nokia Solutions and Networks Oy |
| 2022209216 | Qualcomm Incorporated | 2022209279 | Regeneron Pharmaceuticals, Inc. |
| 2022209217 | Transportation IP Holdings, LLC | 2022209280 | Techtronic Cordless GP |
| 2022209218 | Transportation IP Holdings, LLC | 2022209281 | Hunt Perovskite Technologies, L.L.C. |
| 2022209219 | Mesoblast, Inc. | 2022209282 | Meridian Medical Technologies, Inc. |
| 2022209220 | MOORE, D. | 2022209283 | Gen-Probe Incorporated |
| 2022209221 | Ascendis Pharma Growth Disorders A/S | 2022209284 | Intellitech Pty Ltd |
| 2022209222 | TTI (Macao Commercial Offshore) Limited | 2022209285 | City of Hope |
| 2022209223 | Duke University | 2022209286 | BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH |
| 2022209224 | Beijing Tusen Zhitu Technology Co., Ltd. | 2022209287 | EDWARDS, H. |
| 2022209225 | Beijing Tusen Zhitu Technology Co., Ltd. | 2022209288 | Beijing Microlive Vision Technology Co., Ltd |
| 2022209226 | BioNTech Research and Development, Inc. | 2022209289 | Aeovian Pharmaceuticals, Inc. |
| 2022209227 | Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd. | 2022209290 | Beijing Tusen Zhitu Technology Co., Ltd. |
| 2022209228 | Toshiba Mitsubishi-Electric Industrial Systems Corporation | 2022209291 | Mihaljevic, A. |
| 2022209229 | The United States of America, as represented by the Secretary, Department of Health and Human Services | 2022209292 | City of Hope |
| 2022209230 | Reflex Instruments Asia Pacific Pty Ltd | 2022209293 | Snap-on Incorporated |
| | | 2022209294 | THE CHINESE UNIVERSITY OF HONG KONG |

Complete Applications Filed - Numerical Index cont'd

| | | | |
|------------|---|------------|--|
| 2022209295 | GW Research Limited | 2022211785 | The Board of Trustees of the Leland Stanford Junior University |
| 2022209296 | Tsubakimoto Chain Co. | 2022211795 | Syhte.bio Inc. |
| 2022209297 | Menzies, G.W. | 2022211857 | TAWADROUS, T. |
| 2022209298 | The Jackson Laboratory | 2022211867 | PharmaEssentia Corporation |
| 2022209299 | Dolby International AB | | |
| 2022209300 | Evoqua Water Technologies Limited | | |
| 2022209301 | Smart Green Utility Pole, LLC. | | |
| 2022209302 | Beijing Tusen Zhitu Technology Co., Ltd. | | |
| 2022209303 | Siemens Mobility GmbH | | |
| 2022209304 | PTC Therapeutics, Inc. | | |
| 2022209305 | CareFusion 303, Inc. | | |
| 2022209306 | Canva Pty Ltd | | |
| 2022209307 | Deep Brain Innovations LLC | | |
| 2022209308 | Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd. | | |
| 2022209309 | Deere & Company | | |
| 2022209310 | Deere & Company | | |
| 2022209311 | Société des Produits Nestlé S.A. | | |
| 2022209312 | LG Electronics Inc. | | |
| 2022209313 | Dorel Australia Pty Ltd | | |
| 2022209314 | ODESI TECH PTE. LTD. | | |
| 2022209315 | Zhejiang Jinko Solar Co., Ltd. | | |
| 2022209316 | Intact Vascular, Inc. | | |
| 2022209317 | Forlong, B. | | |
| 2022209318 | Karsten Manufacturing Corporation | | |
| 2022209319 | LG ELECTRONICS INC. | | |
| 2022209320 | Zhejiang Orient Gene Biotech Co., Ltd | | |
| 2022209321 | Monson, R. | | |
| 2022209322 | Qualcomm Incorporated | | |
| 2022209323 | Acer Incorporated | | |
| 2022209324 | Plastic Solutions Australia Pty Ltd | | |
| 2022209325 | Fleet Space Technologies Pty Ltd | | |
| 2022209326 | Superior Power Tool Co., Ltd. | | |
| 2022209327 | AVECHO BIOTECHNOLOGY LIMITED | | |
| 2022209328 | Novartis AG | | |
| 2022209329 | Zodiac Pool Care Europe | | |
| 2022209330 | Valvoline Licensing and Intellectual Property LLC | | |
| 2022209331 | Spry, P. | | |
| 2022209332 | L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude | | |
| 2022209333 | Russell, J. | | |
| 2022209334 | BEDGEAR, LLC | | |
| 2022209335 | Bren-Tronics, Inc. | | |
| 2022209336 | AbbVie Inc. | | |
| 2022209337 | Aquablast Services Limited | | |
| 2022209338 | Corn Products Development, Inc.; Ingredient Singapore Pte. Ltd. | | |
| 2022209339 | THE TORO COMPANY | | |
| 2022209340 | Aristocrat Technologies Australia Pty Limited | | |
| 2022209341 | Wickham, A. | | |
| 2022209342 | Hokins, B.C. | | |
| 2022209343 | Clear Gene, Inc. | | |
| 2022209344 | The University of Akron | | |
| 2022209345 | Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation | | |
| 2022209346 | Gyrus Medical Limited | | |
| 2022209347 | Hokins, B.C. | | |
| 2022209348 | Auctane, LLC. | | |
| 2022209349 | MAX CO., LTD. | | |
| 2022209350 | University of Pittsburgh - Of the Commonwealth System of Higher Education; Carnegie Mellon University | | |
| 2022209351 | DC Systems B.V. | | |
| 2022209352 | Channel Medsystems, Inc. | | |
| 2022209353 | Foongtone Technology Co., Ltd | | |
| 2022209354 | OXTI Pte Ltd | | |
| 2022209355 | OXTI Pte Ltd | | |
| 2022209356 | Illinois Tool Works Inc. | | |
| 2022209357 | Torskal; Morel, A. | | |
| 2022209358 | Carrington, A.; Smith, B. | | |
| 2022209359 | Intervet International B.V. | | |
| 2022209360 | Merck Sharp & Dohme Corp. | | |
| 2022209361 | Waymo LLC | | |
| 2022210222 | Agilent Technologies, Inc. | | |

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 2 Aug 2022 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Hawthorne Holdings Pty Ltd
(21) 2022100103 **(22)** 05.08.2022
(54) PIPE SUPPORT
(62) 2018256501

(71) Trisco ICAP Pty Ltd
(21) 2022100104 **(22)** 05.08.2022
(54) An ingredient
(62) 2019227840

(71) Warwick Gates Pty Ltd
(21) 2022100102 **(22)** 04.08.2022
(54) Fence tensioning
(62) 2019275515

Numerical Index

2022100102 Warwick Gates Pty Ltd
2022100103 Hawthorne Holdings Pty Ltd

2022100104 Trisco ICAP Pty Ltd

Applications with amended filing dates Reg 3.5(A).

2020203542 **nguyen, t.** The filing date has been amended to 29.06.2020
2020227072 **Wyeth LLC** The filing date has been amended to 04.09.2020
2021245233 **LG ELECTRONICS INC.** The filing date has been amended to 27.10.2021
2021903225 **The University of Queensland** The filing date has been amended to 07.10.2021
2022200455 **Numeracle, Inc.** The filing date has been amended to 03.02.2022
2022201391 **Instrumentation Laboratory Company** The filing date has been amended to 14.03.2022
2022901290 **April Pty Ltd** The filing date has been amended to 13.05.2022

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

2002

2002300290 (14) 2002313952 (14) 2002317053 (14)
 2002317599 (14) 2002317638 (14) 2002318927 (14)
 2002319484 (14) 2002319509 (14) 2002319511 (14)
 2002319730 (14) 2002320004 (14) 2002321909 (14)
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 2002325065 (14) 2002325608 (14) 2002326451 (14)
 2002326492 (14) 2002329152 (14) 2002331361 (14)
 2002331376 (14) 2002333278 (14) 2002337664 (14)
 2002342949 (14) 2002355289 (14) 2002356116 (14)

2003

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 2004210127 (14) 2004230179 (14) 2004230180 (14)

2005

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 2005206330 (14) 2005206348 (14) 2005206953 (14)
 2005208587 (14) 2005208835 (14) 2005209231 (14)
 2005209464 (14) 2005209521 (14) 2005210084 (14)
 2005210085 (14) 2005211268 (14) 2005214158 (14)
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2006

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 2007201601 (14) 2007206054 (14) 2007206092 (14)
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2008

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 2008208047 (14) 2008208666 (14) 2008208745 (14)
 2008209287 (14) 2008211318 (14) 2008211655 (14)
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 2009206560 (14) 2009206700 (14) 2009206748 (14)
 2009207478 (14) 2009207721 (14) 2009207796 (14)
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2011

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 2011208571 (14) 2011209286 (14) 2011209344 (14)
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 2011214538 (14) 2011222246 (14) 2011236333 (14)
 2011265459 (14)

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 2012209184 (14) 2012210296 (14) 2012213235 (14)
 2012231736 (14)

2013

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 2014101600 (22) 2014200342 (14) 2014200370 (14)
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 2014203195 (14) 2014206476 (14) 2014207942 (14)
 2014208337 (14) 2014209178 (14) 2014209251 (14)
 2014209378 (14) 2014209886 (14) 2014209913 (14)
 2014209919 (14) 2014210417 (14) 2014210512 (14)
 2014215646 (14) 2014218193 (14) 2014221010 (14)
 2014221280 (14) 2014227269 (14) 2014265084 (14)

2014277804 (14) 2014337395 (14)

2015

2015100161 (22) 2015100163 (22) 2015100164 (22)
 2015100166 (22) 2015200210 (14) 2015200212 (14)
 2015200865 (14) 2015203630 (14) 2015206890 (14)
 2015207675 (14) 2015208052 (14) 2015208143 (14)
 2015208930 (14) 2015209170 (14) 2015209240 (14)
 2015209243 (14) 2015209277 (14) 2015212063 (14)
 2015212986 (14) 2015217579 (14) 2015260602 (14)
 2015378661 (14)

2016

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 2016209266 (14) 2016209321 (14) 2016209370 (14)
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 2016215719 (14) 2016222343 (5C) 2016228199 (14)
 2016287603 (5C) 2016287647 (5C) 2016312969 (5C)
 2016317920 (5C) 2016325589 (5C) 2016336038 (5C)
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 2017312508 (5C) 2017313769 (5C) 2017315324 (5C)
 2017348616 (5C) 2017352546 (14) 2017353786 (5C)
 2017365927 (5C) 2017374030 (5C) 2017394024 (4C)
 2017395793 (4C) 2017396425 (14) 2017445144 (5C)

2018

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 2018200607 (4B) 2018208838 (4C) 2018209070 (4C)
 2018210399 (14) 2018210534 (4C) 2018212429 (14)
 2018212438 (14) 2018212543 (4C) 2018212665 (4C)
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 2018247336 (14) 2018265148 (5C) 2018282620 (5C)
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 2018317910 (1B) 2018318045 (1B) 2018318231 (1B)
 2018318303 (1B) 2018318392 (1B) 2018318435 (1B)
 2018318969 (1B) 2018319328 (1B) 2018319372 (1B)
 2018321259 (1B) 2018321287 (1B) 2018321744 (1B)
 2018321816 (1B) 2018321950 (1B) 2018322147 (1B)
 2018322472 (1B) 2018322474 (1B) 2018322475 (1B)
 2018340859 (5C) 2018389830 (5C) 2018403273 (4A)
 2018403733 (4A) 2018404175 (4A) 2018404402 (4A)
 2018405397 (4C)

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2019100069 (22E) 2019100073 (22E) 2019100076 (22E)
 2019100077 (22E) 2019100612 (21F) 2019100989 (22E)
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 2019236073 (5C) 2019269664 (5C) 2019274901 (5C)
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 2019293152 (5C) 2019296637 (5C) 2019298896 (5C)
 2019333834 (5C) 2019370766 (5C) 2019423615 (5C)

2020

2020100106 (22E) 2020100112 (22E) 2020100113 (22E)
 2020100115 (22E) 2020100120 (22E) 2020100121 (22E)
 2020100123 (22E) 2020100124 (22E) 2020100125 (22E)
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 2020100136 (22E) 2020201229 (5C) 2020201279 (5C)
 2020201439 (5C) 2020202162 (5C) 2020203257 (5C)
 2020203480 (5C) 2020203762 (5C) 2020204289 (5C)
 2020204411 (5C) 2020204566 (5C) 2020205245 (25D)
 2020205273 (5C) 2020210175 (5C) 2020223723 (5C)
 2020230341 (4C) 2020233707 (5C) 2020260451 (5C)
 2020267198 (4C) 2020267280 (4C) 2020273310 (5C)
 2020273334 (5C) 2020277187 (5C) 2020289875 (5C)
 2020294180 (5C) 2020383791 (5C)

2021

2021200381 (4C) 2021201201 (5CN) 2021202124 (4C)
 2021202314 (4C) 2021202787 (4C) 2021204067 (4C)
 2021221422 (12AN) 2021221423 (12AN) 2021902437 (12AN)
 2021903270 (12AN)

2022

2022203292 (1B) 2022203376 (1B) 2022203533 (7AN)
 2022203534 (7AN) 2022901410 (17AN)

Assignments before Grant, Section 113

2016

2016351301 Nutrition DNA Pty Ltd The application has been assigned to **Gelteq Pty Ltd**

2016352938 Centre National de la Recherche Scientifique; Universite Paris-Sud The application has been assigned to **Universite Paris-Saclay; Centre National de la Recherche Scientifique**

2017

2017270219 TSI Group Ltd. The application has been assigned to **TSI Group Co., Ltd.**

2017372905 Avigilon Corporation The application has been assigned to **Motorola Solutions, Inc.**

2017441947 Fomatec Oy The application has been assigned to **LE Holding OÜ**

2018

2018212986 Inari Agriculture, Inc. The application has been assigned to **Inari Agriculture Technology, Inc.**

2018284101 Agios Pharmaceuticals, Inc. The application has been assigned to **Les Laboratoires Servier**

2018284104 Agios Pharmaceuticals, Inc. The application has been assigned to **Les Laboratoires Servier**

2018348780 QMR (IP) Pty Ltd The application has been assigned to **Incitec Pivot Limited**

2018355927 Avigilon Corporation The application has been assigned to **Motorola Solutions, Inc.**

Assignments before Grant, Section 113

2018359502 Worldline The application has been assigned to **Ingenico Belgium**

2018360827 Agios Pharmaceuticals, Inc. The application has been assigned to **Les Laboratories Servier**

2019

2019203700 WORLDLINE SA/NV The application has been assigned to **Ingenico Belgium**

2019280627 Worldline SA/NV The application has been assigned to **Ingenico Belgium**

2019299352 Agios Pharmaceuticals, Inc. The application has been assigned to **Les Laboratories Servier**

2019302664 Cure Pharmaceutical Holding Corp. The application has been assigned to **TF Tech Ventures**

2019343959 Avigilon Corporation The application has been assigned to **Motorola Solutions, Inc.**

2019372164 inTHEna Srl The application has been assigned to **COLEMAN Srl**

2019374741 Avigilon Corporation The application has been assigned to **Motorola Solutions, Inc.**

2019374883 Inari Agriculture, Inc. The application has been assigned to **Inari Agriculture Technology, Inc.**

2020

2020272887 Avigilon Corporation The application has been assigned to **Motorola Solutions, Inc.**

2020283390 Wang, Zhaohui; Shen, Xiling; Motschman, Jeffrey; Delubac, Daniel; Hsu, David The application has been assigned to **Xilis, Inc; Duke University**

2020322793 Pereira-Taveres, Antonio J.; VitroLabs Inc The application has been assigned to **VitroLabs Inc**

2020387408 Ernst & Young U.S. LLP; EYGS LLP; Robotham, John The application has been assigned to **EYGS LLP**

2020400826 Millar, Russell The application has been assigned to **Future Fins, LLC**

2021

2021221661 Statim Capital Pty Ltd The application has been assigned to **HIT TEKK PTY LTD**

2021221742 Edwards, Taylor James; Payton, Matthew Jon; Smith, Graeme Matthew; Hayman, Max William Anstiss; Osborne, Hamish Adrian; Oldfield, Samantha Dale; White, Craig Karl The application has been assigned to **Fisher & Paykel Healthcare Limited**

Assignments before Grant, Section 113

2021346836 Koehler Innovation & Technology GmbH; SunCoal Industries GmbH The application has been assigned to **SunCoal Industries GmbH**

2021902533 The University of Melbourne The application has been assigned to **Western Health; The University of Melbourne**

2021903564 Happy Days (Aust) Pty Ltd The application has been assigned to **Nextract Pty Ltd**

2021903980 Statim Capital Pty Ltd The application has been assigned to **HIT TEKK PTY LTD**

Extensions of Time, Section 223

Applications Received

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

2017

2017349924 **Brainsway Ltd; EIMindA Ltd.; BGN Technologies Ltd.** An application to extend the time from 27 Sep 2021 to 27 Jul 2022 in which to request examination and pay a continuation fee has been filed . Address for service - HWL Ebsworth Lawyers Attn: H Kavadias GPO Box 5408 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2015

2015288973 **Aquavitrum Limited** The time in which to pay a renewal fee has been extended to 17 Mar 2022 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

2017

2017292898 **Leonardi, C.** The time in which to pay a continuation fee has been extended to 04 Mar 2022 . Address for service - IP SOLVED (ANZ) PTY. LTD. PO BOX R1791 ROYAL EXCHANGE NSW 1225 AU

2017412551 **Taizhou Huali Plastic Co., Ltd.** The time in which to pay a continuation fee has been extended to 03 Dec 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020359071 **JOHNSON & JOHNSON CONSUMER INC.** The time in which to enter the National Phase has been extended to 03 Aug 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments

Applications for Amendment

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

Amendments

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.

2013

2013200779 ENZYME PREPARATIONS YIELDING A CLEAN TASTE **DSM IP Assets B.V.** The nature of the amendment is as shown in the statement(s) filed 10 May 2021 . Address for service - Philips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2016

2016356684 Bacteria engineered to reduce hyperphenylalaninemia **Synlogic Operating Company, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Jul 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016365400 Piperidinyl nociceptin receptor compounds **Astraea Therapeutics, LLC** The nature of the amendment is as shown in the statement(s) filed 01 Jul 2022 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2017

2017295317 Dynamic compensation of a robot arm mounted on a flexible arm **Fastbrick IP Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2022 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2018

2018420624 Modular point-of-sale display **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019203433 Alpha (1,2) fucosyltransferases suitable for use in the production of fucosylated oligosaccharides **Glycosyn LLC** The nature of the amendment is as shown in the statement(s) filed 06 Jul 2022 . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

2019271922 Biomarkers and methods of treating PD-1 and PD-L1 related conditions **GENENTECH, INC.** The nature of the amendment is as shown in the statement(s) filed 08 Aug 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2019274665 Managing VPLMN configuration updates in the UE due to home PLMN configuration changes **Nokia Technologies Oy** The nature of the amendment is as shown in the statement(s) filed 03 Aug 2022 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2020

2020309245 Process for producing a solution of ammonium carbamate **A.Y. Laboratories Ltd.** The nature of the amendment is as shown in the statement(s) filed 01 Aug 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

Amendments

2011

2011208625 **Novo Nordisk Health Care AG** The nature of the amendment is as shown in the statement(s) filed 23 Mar 2022

2016

2016233250 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 May 2022

2016320581 **Verrency Holdings Limited** The nature of the amendment is as shown in the statement(s) filed 12 May 2022

2016340087 **Les Laboratoires Servier** The nature of the amendment is as shown in the statement(s) filed 10 May 2022

2017

2017234986 **Polyakov, I.; Ivanova, L.** The nature of the amendment is as shown in the statement(s) filed 05 May 2022

2017305239 **Virginia Commonwealth University; Direct Corporation; The United States Government as represented by The Department of Veterans Affairs** The nature of the amendment is as shown in the statement(s) filed 10 May 2022

2017361863 **Neuroloop GmbH** The nature of the amendment is as shown in the statement(s) filed 10 Mar 2022

2017389285 **JNC Corporation** The nature of the amendment is: Amend the invention title to read METHOD FOR MANUFACTURING VINYL CHLORIDE-BASED RESIN FOR PREVENTING SCALE DEPOSITION

2018

2018204209 **Seattle Children's Hospital d/b/a Seattle Children's Research Institute; Fred Hutchinson Cancer Center** The nature of the amendment is as shown in the statement(s) filed 02 Sep 2021

2018265400 **General Cable Technologies Corporation** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2022

2018454814 **Citrix Systems, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 May 2022

2019

2019213401 **Victaulic Company** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2022

2019214185 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 14 Apr 2022

2019353145 **First Light Diagnostics, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2022

2019354837 **First Light Diagnostics, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2022

2019418187 **Cellapeutics Bio** The nature of the amendment is as shown in the statement(s) filed 24 Mar 2022

Amendments**2020**

2020201970 **Corteva Agriscience LLC** The nature of the amendment is as shown in the statement(s) filed 09 May 2022

2020202891 **Virginia Commonwealth University; Durect Corporation; The United States Government as represented by The Department of Veterans Affairs** The nature of the amendment is: Amend the invention title to read Uses of oxygenated cholesterol sulfates (OCS)

2020207889 **TNBT Holdings Pty Limited** The nature of the amendment is: Application is to proceed under the number 2020104484

2020216093 **Trackonomy Systems, Inc.** The nature of the amendment is: Amend the name of the inventor to read VOLKERINK, Hendrik J. and KHOICHE, Ajay

2020251026 **Genergo S.r.l.** The nature of the amendment is as shown in the statement(s) filed 02 May 2022

2020267237 **Yubico AB** The nature of the amendment is as shown in the statement(s) filed 05 May 2022

2020410580 **Kabushiki Kaisha EarthTechnica** The nature of the amendment is: Amend the invention title to read GYRATORY CRUSHER AND METHOD FOR DETECTING BEARING FAILURE THEREOF

2020420882 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read RESOURCE ALLOCATION SIGNALING IN A WIRELESS LOCAL AREA NETWORK PRE-AMBLE

2020426906 **NEC Corporation** The nature of the amendment is: Amend the invention title to read GATE SYSTEM, GATE APPARATUS, CONTROL METHOD THEREFOR, AND PROGRAM

2021

2021205609 **Maersk A/S** The nature of the amendment is as shown in the statement(s) filed 22 Jul 2022

2021206519 **Maersk A/S** The nature of the amendment is as shown in the statement(s) filed 22 Jul 2022

2021206754 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read RESOURCE UNIT COMBINATION INDICATION METHOD AND COMMUNICATIONS APPARATUS

2021208683 **Congenica Ltd.** The nature of the amendment is: Amend the name of the inventor to read MORGANELLA, Sandro; DAHMAN, Yacine; PONTING, Laura and MACKAY, Emily

2021208684 **Congenica Ltd.** The nature of the amendment is: Amend the name of the inventor to read MORGANELLA, Sandro; DAHMAN, Yacine; PONTING, Laura and MACKAY, Emily

2021210206 **International Business Machines Corporation** The nature of the amendment is: Amend the name of the inventor to read YOON, Woong Ah; CASELLA, Alex; ISHIGURO, Bonnie and ZHANG, Jingzhan

Amendments

2021212669 **Gilead Sciences, Inc.** The nature of the amendment is: Amend the name of the inventor to read AMMANN, Stephen E.; BRIZGYS, Gediminas J.; CASSIDY, James S.; CHIN, Elbert; CHOU, Chienhung; COTTELL, Jeromy J.; HUNG, Chao-I; KOLAHDOUZAN, Kavooos; SHORE, Daniel G.; SZEWCZYK, Suzanne M.; TAYLOR, James G.; THOMAS-TRAN, Rhiannon; WRIGHT, Nathan E. and YANG, Zheng-Yu

2021224741 **Elemental Scientific Lasers, LLC** The nature of the amendment is: Amend the invention title to read Variable beam size via homogenizer movement

2021227304 **Airbus Defence and Space SAS** The nature of the amendment is: Amend the invention title to read Radiator with reduced solar irradiation and improved guidance system for geostationary satellite

2021229402 **Chongqing University** The nature of the amendment is: Amend the invention title to read AUTOMATIC TEST CARD FOR MULTI-BLOOD GROUP SYSTEM AND TEST METHOD

2021297293 **Nippon Steel Corporation; Vallourec Oil and Gas France** The nature of the amendment is: Amend the invention title to read Threaded connection for steel pipe

2021903847 **Brennan, P.** The nature of the amendment is: Amend the invention title to read Dual Port, Duration Variable, Spherical Rotary Valve Assembly

2022

2022203235 **Cripps Clark, J.** The nature of the amendment is: Amend Divisional Details to read 2022201926

2022205222 **Chugai Saiyaku Kabushiki Kaisha** The nature of the amendment is: Amend the name of the inventor to read YOSHINO, Hitoshi; TSUCHIYA, Satoshi; MATSUO, Atsushi; SATO, Tsutomu; NISHIMOTO, Masahiro; OGURI, Kyoko; OGAWA, Hiroko; NISHIMURA, Yoshikazu; FURUTA, Yoshiyuki; KASHIWAGI, Hirotaka; HORI, Nobuyuki; KAMON, Takuma; SHIRAIISHI, Takuya; YOSHIDA, Shoshin; KAWAI, Takahiro; TANIDA, Satoshi and AOKI, Masahide

Alteration of Name(s) of Applicant(s)/Patentee(s)**2011**

2011200665 **Fourivers Power Engineering Pty Ltd** The name of the patentee has been altered to **4RIVERS POWER ENGINEERING PTY LTD**

2011218433 **Harris Corporation** The name of the patentee has been altered to **L3Harris Technologies, Inc.**

2011238774 **Harris Corporation** The name of the patentee has been altered to **L3Harris Technologies, Inc.**

2011253295 **Harris Corporation** The name of the patentee has been altered to **L3Harris Technologies, Inc.**

Amendments

2012

2012216624 Fourivers Power Engineering Pty Ltd The name of the patentee has been altered to **4RIVERS POWER ENGINEERING PTY LTD**

2013

2013209826 Harris Corporation The name of the patentee has been altered to **L3Harris Technologies, Inc.**

2013217617 Harris Corporation The name of the patentee has been altered to **L3Harris Technologies, Inc.**

2013266624 Harris Corporation The name of the patentee has been altered to **L3Harris Technologies, Inc.**

2013305803 Harris Corporation The name of the patentee has been altered to **L3Harris Technologies, Inc.**

2014

2014352475 RemeGen, Ltd. The name of the patentee has been altered to **RemeGen Co., Ltd.**

2015

2015200384 Harris Corporation The name of the patentee has been altered to **L3Harris Technologies, Inc.**

2015203594 Easy-Do Products Limited The name of the patentee has been altered to **Libman Brands UK Ltd.**

2017

2017204160 Harris Corporation The name of the patentee has been altered to **L3Harris Technologies, Inc.**

2017240831 Flex Operating Room, LLC The name of the patentee has been altered to **Flex Operating Room, Inc.**

2017261612 Harris Corporation The name of the patentee has been altered to **L3Harris Technologies, Inc.**

2017384673 Institut Pasteur; Institut National de la Recherche Agronomique (INRA); The United States of America, as represented by the Secretary of Agriculture The name of the patentee has been altered to **Institut Pasteur; Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement; The United States of America, as represented by the Secretary of Agriculture**

2018

2018203601 Lendlease Services Pty Limited The name of the patentee has been altered to **Service Stream Maintenance Pty Ltd**

2018257362 Easy-Do Products Limited The name of the applicant has been altered to **Libman Brands UK Ltd.**

2018348578 ReStone AS The name of the patentee has been altered to **Restone AS**

Amendments

2019

2019228052 WATERDIAM GROUP LLC The name of the applicant has been altered to **WEO, LLC**

2019330680 RemeGen, Ltd. The name of the applicant has been altered to **RemeGen Co., Ltd.**

2019351731 The United States Government as Represented by the Department of Veterans Affairs; The University of Pittsburg - of The Commonwealth of Higher Education; Xiamen University; UNIVERSITY OF EXETER The name of the applicant has been altered to **The United States Government as Represented by the Department of Veterans Affairs; UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION; Xiamen University; UNIVERSITY OF EXETER**

2019382893 WATERDIAM GROUP LLC The name of the applicant has been altered to **WEO, LLC**

2019385694 WATERDIAM GROUP LLC The name of the applicant has been altered to **WEO, LLC**

2019459048 Sodima; Institut National de la Recherche Agronomique (INRA) ; Institut des Sciences et Industries du Vivant et de L'environnement The name of the applicant has been altered to **Sodima; Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement; Institut des Sciences et Industries du Vivant et de L'environnement**

2020

2020206777 The Regents of the University of Michigan ; University of California, San Diego ; Mark H. Tuszynski ; Jeffrey S. Sakamoto ; Kendell M. Pawelec ; Yacov M. Koffler ; Michael Sailor ; Jonathan Zuidema The name of the applicant has been altered to **THE REGENTS OF THE UNIVERSITY OF MICHIGAN; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**

2020208932 WATERDIAM GROUP LLC The name of the applicant has been altered to **WEO, LLC**

2020355233 Allergan Pharmaceuticals International Limited; Abhijeet Jakate ; Antonia Periclou ; Ramesh Boinpally The name of the applicant has been altered to **Allergan Pharmaceuticals International Limited**

2020396038 ReStone AS The name of the applicant has been altered to **Restone AS**

2021

2021903156 Nourish Ingredients Pty Ltd The name of the applicant has been altered to **Commonwealth Scientific and Industrial Research Organisation; Nourish Ingredients Pty Ltd**

2022

2022203465 Institut National de la Recherche Agronomique (INRA) ; Institut Pasteur; The United States of America, as represented by the Secretary of Agriculture The name of the applicant has been altered to **Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement; Institut Pasteur; The United States of America, as represented by the Secretary of Agriculture**

Amendments

2022902060 Health First Laboratories Ltd. The name of the applicant has been altered to **Health First Systems Ltd**

Applications Open to Public Inspection

Name Index

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

(71) Advanced Materials Institute, Shandong Academy of Sciences
 (11) AU-A-2021338582
 (21) 2021338582 (22) 31.03.2021
 (54) Magnesium alloy ultra-high porosity micro-arc oxidation coating, preparation method and application thereof
 (51) Int. Cl.
C23C 4/10 (2016.01)
C23C 4/02 (2006.01)
 (31) 2021101424913 (32) 02.02.21 (33) CN
 (43) 18.08.2022
 (72) LI, Tao; LENG, Zhongjun; WANG, Xitao; ZHOU, Jixue; ZHANG, Suqing; WANG, Shifang; LI, Hang; LIU, Hongtao; WU, Jianhua; GHOMASH-CHI, Reza
 (74) Collison & Co

(71) Amgen Inc.
 (11) AU-A-2022204866
 (21) 2022204866 (22) 06.07.2022
 (54) Methods For Treating Or Preventing Migraine Headache
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
 (43) 18.08.2022
 (62) 2015392215
 (72) SUN, Hong; DUNAYEVICH, Eduardo; LENZ, Robert A.; VARGAS, Gabriel
 (74) WRAYS PTY LTD

(71) AMO Development, LLC
 (11) AU-A-2022206756
 (21) 2022206756 (22) 20.07.2022
 (54) Apparatus for creating ocular surgical and relaxing incisions
 (51) Int. Cl.
A61F 9/00 (2006.01)
 (43) 18.08.2022
 (62) 2020281103
 (72) Marcellino, George; Andersen, Dan; Angeley, David G.; Culbertson, William
 (74) FPA Patent Attorneys Pty Ltd

(71) ANTWORKS ENGINEERING PTY. LTD.
 (11) AU-A-2021200666
 (21) 2021200666 (22) 02.02.2021
 (54) Software Application : AntWorks2do Capture Tasks & Set Reminders QR Code Recognition for site time record start/finish and issuing of instructions for work activity
 (51) Int. Cl.
G06Q 10/10 (2012.01)
G06Q 10/06 (2012.01)

(43) 18.08.2022
 (72) Murphy, Anthony Paul
 (74) ANTWORKS ENGINEERING PTY. LTD.

(71) Apple Inc.
 (11) AU-A-2022200367
 (21) 2022200367 (22) 20.01.2022
 (54) Displaying a representation of a card with a layered structure
 (51) Int. Cl.
G06Q 20/32 (2012.01)
G06F 3/0481 (2022.01)
 (31) 63/144,406 (32) 01.02.21 (33) US
 17/366,698 02.07.21 US
 (43) 18.08.2022
 (72) KING, Nicholas V.; ABRAMS, Stacey Rebecca
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2022206793
 (21) 2022206793 (22) 21.07.2022
 (54) Unlocking a device by performing gestures on an unlock image
 (51) Int. Cl.
G06F 3/048 (2013.01)
 (43) 18.08.2022
 (62) 2021201814
 (72) ANZURES, Freddy A.; CHAUDHRI, Imran; CHRISTIE, Greg; FORSTALL, Scott; LEMAY, Stephen O.; ORDING, Bas; VAN OS, Marcel
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2022206826
 (21) 2022206826 (22) 22.07.2022
 (54) Embedded authentication systems in an electronic device
 (51) Int. Cl.
H04L 9/32 (2006.01)
 (43) 18.08.2022
 (62) 2021200415
 (72) FADELL, Anthony; HODGE, Andrew; SCHELL, Stephan; CABALLERO, Ruben; DOROGUSKER, Jesse Lee; ZADESKY, Stephen; SANFORD, Emery
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2022209019
 (21) 2022209019 (22) 25.07.2022
 (54) Device, method, and graphical user interface for manipulating user interfaces based on unlock inputs
 (51) Int. Cl.
H04L 9/32 (2006.01)

(43) 18.08.2022
 (62) 2022200617
 (72) HAN, Byron B.; SHEPHERD, Matthew E.; CHAUDHRI, Imran; CHRISTIE, Gregory; COFFMAN, Patrick L.; FEDERIGHI, Craig M.; GAMBLE, Matthew H.; HUGHES, Brittany D.; LANGOULANT, Brendan J.; MARCINIAK, Craig A.; PITSCHER, Donald W.; SCHIMPF, Daniel O.; WHALLEY, Andrew R.; WHITNEY, Christopher R.; DASCOLA, Jonathan R.; YANG, Lawrence
 (74) FPA Patent Attorneys Pty Ltd

(71) Arrowhead Pharmaceuticals, Inc.
 (11) AU-A-2022206748
 (21) 2022206748 (22) 20.07.2022
 (54) Compositions and methods for inhibiting gene expression of Hepatitis B virus
 (51) Int. Cl.
C12N 15/113 (2010.01)
 (43) 18.08.2022
 (62) 2019240625
 (72) CHIN, Daniel; DECKERT, Jochen; ROSSBACH, Markus; JOHN, Matthias
 (74) Spruson & Ferguson

(71) Astellas Institute for Regenerative Medicine
 (11) AU-A-2022206757
 (21) 2022206757 (22) 20.07.2022
 (54) Clinical formulations
 (51) Int. Cl.
A61K 9/08 (2006.01)
A61K 31/00 (2006.01)
A61K 47/02 (2006.01)
A61K 47/26 (2006.01)
A61K 47/36 (2006.01)
 (43) 18.08.2022
 (62) 2016308818
 (72) Gay, Roger; Ratliff, Judson; Southwick, Romma E.
 (74) Griffith Hack

(71) AxoGen Corporation
 (11) AU-A-2022206749
 (21) 2022206749 (22) 20.07.2022
 (54) AMNION TISSUE GRAFTS AND METHODS OF PREPARING AND USING SAME
 (51) Int. Cl.
A61L 27/38 (2006.01)
A61L 27/36 (2006.01)
A61L 27/54 (2006.01)
 (43) 18.08.2022
 (62) 2017353847
 (72) Deister, Curt
 (74) RnB IP Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) BAE Systems plc
 (11) AU-A-2022206781
 (21) 2022206781 (22) 21.07.2022
 (54) Improvements in and relating to displays
 (51) Int. Cl.
 G09G 3/00 (2006.01)
 G09G 3/20 (2006.01)
 G02B 27/01 (2006.01)
 G06F 3/01 (2006.01)
 (43) 18.08.2022
 (62) 2016337278
 (72) Trythall, Simon
 (74) Davies Collison Cave Pty Ltd

(71) Bartos, I.
 (11) AU-A-2022200621
 (21) 2022200621 (22) 31.01.2022
 (54) A Multi-Faceted Arcade Game Device
 (51) Int. Cl.
 A63F 7/02 (2006.01)
 A63F 7/36 (2006.01)
 (31) 2021900215 (32) 01.02.21 (33) AU
 (43) 18.08.2022
 (72) Bartos, Ian
 (74) Ian Keith Bartos

(71) Bartos, I.
 (11) AU-A-2022200622
 (21) 2022200622 (22) 31.01.2022
 (54) A Multiple Aspect Arcade Game Device
 (51) Int. Cl.
 A63F 7/30 (2006.01)
 A63F 7/02 (2006.01)
 (31) 2021900216 (32) 01.02.21 (33) AU
 (43) 18.08.2022
 (72) Bartos, Ian
 (74) Ian Keith Bartos

(71) Baseline Asset Technologies Pty Ltd
 (11) AU-A-2022200709
 (21) 2022200709 (22) 03.02.2022
 (54) Measurement of conveyor belt position and condition relative to transfer chutes
 (51) Int. Cl.
 B65G 43/02 (2006.01)
 B65G 11/20 (2006.01)
 B65G 47/44 (2006.01)
 G01S 15/08 (2006.01)
 G01S 17/08 (2006.01)
 (31) 2021900251 (32) 04.02.21 (33) AU
 (43) 18.08.2022
 (72) Wright, Kelvin
 (74) Armour IP Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2022209211
 (21) 2022209211 (22) 25.07.2022
 (54) Automated sample preparation system for diagnostic testing of same
 (51) Int. Cl.
 G01N 35/00 (2006.01)
 G01N 35/04 (2006.01)
 G01N 35/10 (2006.01)

(43) 18.08.2022
 (62) 2017220028
 (72) Vansickler, Michael T.; Bailey, Kevin; Tesluk, Christopher John; Livingston, Dwight; Rotundo, Steven C.; Lachance, Stephen Robert; Touma, Michael J.; McKeen, Brian James; Sevigny, Gerard
 (74) FB Rice Pty Ltd

(71) Becton Dickinson Rowa Germany GmbH
 (11) AU-A-2022209243
 (21) 2022209243 (22) 26.07.2022
 (54) Storage and dispensing station for a blister dispenser
 (51) Int. Cl.
 G07F 17/00 (2006.01)

(43) 18.08.2022
 (62) 2018215105
 (72) Hellenbrand, Christoph; Gross, Dietmar
 (74) FB Rice Pty Ltd

(71) Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
 (11) AU-A-2022209253
 (21) 2022209253 (22) 27.07.2022
 (54) WIND FARM NOISE PREDICTION METHOD, APPARATUS AND SYSTEM
 (51) Int. Cl.
 G06Q 10/04 (2012.01)
 (43) 18.08.2022
 (62) 2019370330
 (72) Barlas, Emre; Yu, Mengting
 (74) Madderns Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
 (11) AU-A-2022200537
 (21) 2022200537 (22) 27.01.2022
 (54) Training method for multi-object tracking model and multi-object tracking method
 (51) Int. Cl.
 G06V 10/82 (2022.01)
 G06K 9/62 (2022.01)
 G06N 3/04 (2006.01)
 G06T 7/20 (2017.01)
 (31) 202110130055.4 (32) 29.01.21 (33) CN
 (43) 18.08.2022
 (72) He, Jiawei; Huang, Zehao; Wang, Naiyan
 (74) FB Rice Pty Ltd

(71) Berry, B.
 (11) AU-A-2022200559
 (21) 2022200559 (22) 28.01.2022
 (54) Expandable Implant
 (51) Int. Cl.
 A61F 2/44 (2006.01)
 A61B 17/70 (2006.01)
 (31) 17/164,982 (32) 02.02.21 (33) US
 (43) 18.08.2022
 (72) Berry, Bret
 (74) Eagar & Associates Pty Ltd

(71) BGC Partners, Inc.
 (11) AU-A-2022206758
 (21) 2022206758 (22) 20.07.2022
 (54) INTERPROGRAM COMMUNICATION USING MESSAGES RELATED TO EVENTS AND ACTIONS ON AN EXCHANGE
 (51) Int. Cl.
 G06Q 40/00 (2012.01)
 G06Q 30/00 (2012.01)
 (43) 18.08.2022
 (62) 2020201530
 (72) Lutnick, Howard W.; Sweeting, Michael; Paul, Bijoy
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) BioNTech Research and Development, Inc.
 (11) AU-A-2022209226
 (21) 2022209226 (22) 26.07.2022
 (54) Nucleic acids encoding human antibodies to Sialyl-Lewis_x
 (51) Int. Cl.
 C07K 16/30 (2006.01)
 A61K 39/395 (2006.01)
 C12N 15/13 (2006.01)
 (43) 18.08.2022
 (62) 2020201225
 (72) SAWADA, Ritsuko; SUN, Shu-man; SCHOLZ, Wolfgang
 (74) FB Rice Pty Ltd

BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM see UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH
 (21) 2022206730

Brunson, B. see Brunson, P.
 (21) 2022200557

(71) Brunson, P.; Brunson, B.
 (11) AU-A-2022200557
 (21) 2022200557 (22) 28.01.2022
 (54) ADJUSTABLE GARMENT
 (51) Int. Cl.
 A41D 15/00 (2006.01)
 A41D 11/00 (2006.01)
 (31) 17/162,840 (32) 29.01.21 (33) US
 (43) 18.08.2022
 (72) Brunson, Paula; Brunson, Brian
 (74) Madderns Pty Ltd

(71) Canva Pty Ltd
 (11) AU-A-2021200649
 (21) 2021200649 (22) 02.02.2021
 (54) Systems and methods for automatically grouping design elements
 (51) Int. Cl.
 G06T 11/60 (2006.01)
 G06F 40/103 (2020.01)
 (43) 18.08.2022
 (72) Stewart, Andrew James; Seeto, Michelle Munn Wai
 (74) FPA Patent Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Carl Zeiss AG
 (11) AU-A-2022200296
 (21) 2022200296 (22) 18.01.2022
 (54) METHOD FOR SIMULATING AN OPTICAL IMAGE
 (51) Int. Cl.
G06T 5/20 (2006.01)
 (31) 102021200965.4 (32) 03.02.21 (33) DE
 (43) 18.08.2022
 (72) Körner, Martin; Schroer, Alexander; Weth, Christopher
 (74) Phillips Ormonde Fitzpatrick

(71) CDx Medical IP, Inc.
 (11) AU-A-2022209237
 (21) 2022209237 (22) 26.07.2022
 (54) Enhanced extended depth of focusing on biological samples
 (51) Int. Cl.
G06K 9/00 (2022.01)
 (43) 18.08.2022
 (62) 2019312657
 (72) Rutenberg, Mark; Scott, Richard; Tjon, Robert; Seltzer, Paul
 (74) FPA Patent Attorneys Pty Ltd

CHANG, C.P. see KAO, H.S.
 (21) 2022200563

CHANG, C.P. see KAO, H.S.
 (21) 2022200564

(71) Chengdu Chemphys Chemical Industry Co., Ltd; Sinolithium Materials Limited
 (11) AU-A-2022206767
 (21) 2022206767 (22) 21.07.2022
 (54) METHOD AND SYSTEM FOR PREPARING BATTERY GRADE AND HIGH PURITY GRADE LITHIUM HYDROXIDE AND LITHIUM CARBONATE FROM HIGH-IMPURITY LITHIUM SOURCES
 (51) Int. Cl.
C25B 1/16 (2006.01)
 (43) 18.08.2022
 (62) 2019333834
 (72) Dai, Yihua; Cai, Rongfu; Ban, Wenjun; Yang, Chunhui; Wang, Xinglong; Li, Yunfeng; Li, Yali; Zheng, Chuanyong; Meng, Qiang; Jiang, Hongjun
 (74) Madderns Pty Ltd

(71) CHIEN, C.
 (11) AU-A-2021200681
 (21) 2021200681 (22) 03.02.2021
 (54) OIL TANK CLEANING BALL
 (51) Int. Cl.
B08B 9/08 (2006.01)
B03C 1/28 (2006.01)
B08B 7/00 (2006.01)
 (43) 18.08.2022
 (72) CHIEN, CHIAN-YEU
 (74) Collison & Co

(71) CITRIX SYSTEMS, INC.
 (11) AU-A-2022209257
 (21) 2022209257 (22) 27.07.2022
 (54) ELASTIC CLOUD STORAGE ON MULTIPLE LOCATIONS
 (51) Int. Cl.
H04L 29/08 (2006.01)
 (43) 18.08.2022
 (62) 2019310339
 (72) Zhang, Jun
 (74) RnB IP Pty Ltd

(71) CMR Surgical Limited
 (11) AU-A-2022206752
 (21) 2022206752 (22) 20.07.2022
 (54) Method for augmenting a representation of a surgical site
 (51) Int. Cl.
A61B 34/20 (2016.01)
A61B 1/00 (2006.01)
A61B 34/00 (2016.01)
A61B 34/30 (2016.01)
A61B 34/35 (2016.01)
A61B 34/37 (2016.01)
A61B 90/00 (2016.01)
A61B 90/50 (2016.01)
G06T 19/00 (2011.01)
G16H 50/20 (2018.01)
A61B 34/10 (2016.01)
 (43) 18.08.2022
 (62) 2019352792
 (72) BISHOP, Steven; DA SILVA, Ricardo Michael Henderson
 (74) FB Rice Pty Ltd

(71) Cognian Technologies Ltd
 (11) AU-A-2022206822
 (21) 2022206822 (22) 22.07.2022
 (54) Network Devices
 (51) Int. Cl.
H04L 12/00 (2006.01)
H04L 12/66 (2006.01)
 (43) 18.08.2022
 (62) 2017308511
 (72) ZINGER, Slav
 (74) Griffith Hack

Cole, C. see Geroux, J.
 (21) 2022206797

(71) Comet Biorefining Inc.
 (11) AU-A-2022206729
 (21) 2022206729 (22) 19.07.2022
 (54) METHODS AND COMPOSITIONS FOR THE TREATMENT OF CELLULOSIC BIOMASS AND PRODUCTS PRODUCED THEREBY
 (51) Int. Cl.
C12P 19/14 (2006.01)
C12N 9/42 (2006.01)
C12P 19/00 (2006.01)
C12P 19/02 (2006.01)
C13K 1/00 (2006.01)
C13K 11/00 (2006.01)
D21C 1/10 (2006.01)
C08B 15/08 (2006.01)

(43) 18.08.2022
 (62) 2020250294
 (72) D'agostino, Dennis; Richard, Andrew
 (74) Davies Collison Cave Pty Ltd

(71) Cosmax NBT, Inc.; HEM Inc.; Cosmax NS, Inc.
 (11) AU-A-2021418327
 (21) 2021418327 (22) 29.03.2021
 (54) Probiotic lyophilizate reactivation composition for improving intestinal survivability and adhesion of probiotics
 (51) Int. Cl.
A23L 29/00 (2016.01)
A61K 35/742 (2015.01)
C12N 1/04 (2006.01)
C12N 1/20 (2006.01)
C12Q 1/02 (2006.01)
 (31) 10-2021-0008188 (32) 20.01.21 (33) KR
 (43) 18.08.2022
 (72) KIM, Jin Hak; KIM, Su Jin; KIM, Su Jeong; Ji, Yosep
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

Cosmax NS, Inc. see Cosmax NBT, Inc.
 (21) 2021418327

(71) Coupler Solutions Limited
 (11) AU-A-2022206772
 (21) 2022206772 (22) 21.07.2022
 (54) A coupling device, associated parts and a method of use thereof
 (51) Int. Cl.
E04C 5/16 (2006.01)
 (43) 18.08.2022
 (62) 2017323389
 (72) Allington, Christopher James; Diehl, Andrew Karl; Scott, Peter John; Woods, Benjamin; Gibson, James Gray
 (74) CreatelP

(71) Cripps Clark, J.
 (11) AU-A-2022205250
 (21) 2022205250 (22) 14.07.2022
 (54) Systems, devices & methods for accountable identification for data protection, authority, welfare, health and economic participation including potentially multiple different sovereign identification protocols in multiple jurisdictions, enabling better management of diverse economic assets, information and environments (sovereign, personal, professional, cloud based) using advanced technologies including block chain. A framework for authenticating agreed international transactions that might not otherwise be practicable and extensions that may help pay for the infrastructure are included.
 (51) Int. Cl.
G06Q 50/26 (2012.01)
G06F 21/34 (2013.01)
G06F 21/64 (2013.01)
G06Q 20/40 (2012.01)
H04L 9/00 (2022.01)

Applications Open to Public Inspection - Name Index cont'd

H04L 67/1097 (2022.01)
 H04W 48/14 (2009.01)
(31) 2021901302 **(32)** 03.05.21 **(33)** AU
(43) 18.08.2022
(62) 2022203235
(72) Cripps Clark, Julianne
(74) Julianne Mary Cripps Clark

(71) Cripps Clark, J.
(11) AU-A-2022209201
(21) 2022209201 **(22)** 25.07.2022
(54) DigEMake : Systems, devices & methods for accountable identification, for data protection, authority, welfare, health and economic participation including potentially multiple different sovereign identification protocols in multiple jurisdictions, enabling better management of diverse economic assets, information and environments (sovereign, personal, professional, cloud based, machine learning and appropriately systemized and localized machine control) using advanced technologies including block chain.

(51) Int. Cl.
G16Y 30/10 (2020.01)
G06Q 10/10 (2012.01)
H04W 12/06 (2021.01)
G06F 11/30 (2006.01)
G06F 21/50 (2013.01)
H04L 43/10 (2022.01)
H04L 67/12 (2022.01)
(43) 18.08.2022
(62) 2022203235
(72) Cripps Clark, Julianne
(74) Julianne Mary Cripps Clark

(71) Cripps Clark, J.
(11) AU-A-2022209202
(21) 2022209202 **(22)** 25.07.2022
(54) QMake: Systems, devices & methods for energy management and encouraged public participation using advanced technologies including block chain

(51) Int. Cl.
G16Y 30/10 (2020.01)
G06Q 10/10 (2012.01)
H04W 12/06 (2021.01)
G06F 11/30 (2006.01)
G06F 21/50 (2013.01)
H04L 43/10 (2022.01)
H04L 67/12 (2022.01)
(43) 18.08.2022
(62) 2022203235
(72) Cripps Clark, Julianne
(74) Julianne Mary Cripps Clark

(71) Cue Health Inc.
(11) AU-A-2022206779
(21) 2022206779 **(22)** 21.07.2022
(54) SYSTEMS AND METHODS FOR DETECTION AND QUANTIFICATION OF ANALYTES

(51) Int. Cl.
G01N 35/08 (2006.01)
G01N 33/48 (2006.01)

(43) 18.08.2022
(62) 2020204329
(72) Khattak, Ayub; Sever, Clinton
(74) HENRY HUGHES IP LTD

(71) Deere & Company
(11) AU-A-2021290388
(21) 2021290388 **(22)** 24.12.2021
(54) Systems and methods for selective material placement, sensing, and control

(51) Int. Cl.
A01C 7/04 (2006.01)
A01C 7/16 (2006.01)
(31) 17/169,766 **(32)** 08.02.21 **(33)** US
 17/167,784 04.02.21 US
(43) 18.08.2022
(72) Hubner, Cary S.; Wonderlich, Grant J.
(74) Davies Collison Cave Pty Ltd

Dowding, D.K. see Steffen, S.
(21) 2021200619

(71) DUSA Pharmaceuticals, Inc.
(11) AU-A-2022209242
(21) 2022209242 **(22)** 26.07.2022
(54) METHODS FOR PHOTODYNAMIC THERAPY

(51) Int. Cl.
A61K 41/00 (2020.01)
A61L 26/00 (2006.01)
A61N 5/00 (2006.01)
A61N 5/06 (2006.01)
A61P 17/00 (2006.01)
C08L 23/06 (2006.01)
(43) 18.08.2022
(62) 2020267186
(72) Lundahl, Scott; Guttadauro, Michael
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Edey Pty Ltd
(11) AU-A-2022206799
(21) 2022206799 **(22)** 21.07.2022
(54) A disposable sleeve having an antimicrobial property for covering an arm of a pair of spectacles

(51) Int. Cl.
G02C 5/14 (2006.01)
A01N 25/34 (2006.01)
G02C 11/00 (2006.01)
(43) 18.08.2022
(62) 2017222694
(72) EDYE, Donna
(74) Spruson & Ferguson

(71) Equals 3 LLC
(11) AU-A-2022206760
(21) 2022206760 **(22)** 20.07.2022
(54) SEARCHING STRUCTURED AND UNSTRUCTURED DATA SETS

(51) Int. Cl.
G06N 5/00 (2006.01)

(43) 18.08.2022
(62) 2017264388
(72) Dispensa, Marcello; Litman, Scott; Mallin, Dan; Chambers, Allen
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

EQUIFAX, INC. see FIDELITY INFORMATION SERVICES, LLC
(21) 2022206815

(71) FIDELITY INFORMATION SERVICES, LLC; EQUIFAX, INC.
(11) AU-A-2022206815
(21) 2022206815 **(22)** 22.07.2022
(54) UNIVERSAL DIGITAL IDENTITY AUTHENTICATION SERVICE

(51) Int. Cl.
H04W 12/00 (2021.01)
(43) 18.08.2022
(62) 2018222744
(72) Huffman, Richard; Michaelson, Richard; Bijlani, Ravindra; Salem, Shriram; Harris, Rob; Van Zyl, Vivian; Cano, Helcio; Khanna, Gaurav R.; Pigg, Esther; Romain, Marty
(74) RnB IP Pty Ltd

(71) Fitbit, Inc.
(11) AU-A-2022201287
(21) 2022201287 **(22)** 28.01.2022
(54) Cluster-based sleep analysis

(51) Int. Cl.
G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
(31) 17/162,286 **(32)** 29.01.21 **(33)** US
(43) 18.08.2022
(72) KOKOSZKA, Alicia Yolanda; STATAN, Alexander; GLEICHAUF, Karla Theresa
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) FJ Dynamics Co., Ltd.
(11) AU-A-2022200065
(21) 2022200065 **(22)** 06.01.2022
(54) METHOD, SYSTEM FOR CALCULATING OPERATION ACRES OF AGRICULTURAL MACHINERY

(51) Int. Cl.
G06T 7/10 (2017.01)
G01B 21/28 (2006.01)
G06F 16/20 (2019.01)
(31) 202110128125.2 **(32)** 29.01.21 **(33)** CN
(43) 18.08.2022
(72) MENG, GuiPing; WANG, GaoDong; SUN, Bei; DING, Ji; WU, Di
(74) Admiral Trademarks & Patents Services

(71) FOX FACTORY, INC.
(11) AU-A-2022200636
(21) 2022200636 **(22)** 01.02.2022
(54) THREE-PORT ADJUSTER

(51) Int. Cl.
B60G 17/015 (2006.01)
B60G 17/016 (2006.01)

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B60G 17/08 (2006.01)
F16F 9/14 (2006.01)
F16F 9/44 (2006.01)
F16F 9/512 (2006.01)
(31) 63/144,407 **(32)** 01.02.21 **(33)** US
 17/588,890 31.01.22 US
(43) 18.08.2022
(72) TONG, Ivan
(74) AJ PARK

(71) Fronius International GmbH
(11) AU-A-2022209234
(21) 2022209234 **(22)** 26.07.2022
(54) Arc detection
(51) Int. Cl.
H02J 3/38 (2006.01)
H02J 13/00 (2006.01)
(43) 18.08.2022
(62) 2019309171
(72) HOFER, Bernd; FASTHUBER,
 Christian; FISCHEREDER, Franz;
 BREUER, Stefan; SPITZER, Walter;
 BAIRHUBER, Mario; PFEIL, Reimar
(74) FB Rice Pty Ltd

(71) GARINO, J.P.
(11) AU-A-2021212075
(21) 2021212075 **(22)** 05.08.2021
(54) MODULAR ARTIFICIAL KNEE SYS-
 TEM
(51) Int. Cl.
A61F 2/38 (2006.01)
A61F 2/08 (2006.01)
(31) 17/167194 **(32)** 04.02.21 **(33)** US
(43) 18.08.2022
(72) GARINO, JONATHAN P.
(74) Houlihan² Pty Ltd

(71) Genomatica, Inc.
(11) AU-A-2022205243
(21) 2022205243 **(22)** 14.07.2022
(54) MICROORGANISMS FOR PRODU-
 CING 1,4-BUTANEDIOL AND METH-
 ODS RELATED THERETO
(51) Int. Cl.
C12N 1/12 (2006.01)
C12P 7/04 (2006.01)
(43) 18.08.2022
(62) 2020202162
(72) Burgard, Anthony P.; Sun, Jun; Oster-
 hout, Robin E.; Pharkya, Priti
(74) HENRY HUGHES IP LTD

(71) Gentex Corporation
(11) AU-A-2022209238
(21) 2022209238 **(22)** 26.07.2022
(54) Headset and headset coupling system
(51) Int. Cl.
A42B 1/24 (2021.01)
A42B 3/30 (2006.01)
H04R 1/08 (2006.01)
H04R 1/10 (2006.01)
(43) 18.08.2022
(62) 2019269664
(72) BARBER, Ross Fade; BRUTLER,
 Zoltan S.; BLUNDELL, Michael Pearson
(74) Spruson & Ferguson

(71) Geroux, J.; Cole, C.
(11) AU-A-2022206797
(21) 2022206797 **(22)** 21.07.2022
(54) METHODS FOR SHORTENING
 A LINE, EXTRACTING STUCK
 VEHICLES, BELAYING OBJECTS,
 JOINING LINES TOGETHER AND
 FORMING A V-BRIDLE USING A
 DEVICE
(51) Int. Cl.
F16G 11/14 (2006.01)
B60D 1/14 (2006.01)
B60D 1/18 (2006.01)
B63B 21/58 (2006.01)
B66D 1/00 (2006.01)
B66D 1/395 (2006.01)
B66D 1/50 (2006.01)
(43) 18.08.2022
(62) 2019207831
(72) Cole, Christopher; Geroux, James K.
(74) SOUTHERN CROSS INTELLECTUAL
 PROPERTY PTY LTD

(71) GlaxoSmithKline Biologicals SA
(11) AU-A-2022205163
(21) 2022205163 **(22)** 12.07.2022
(54) Hepatitis B immunisation regimen and
 compositions
(51) Int. Cl.
A61K 39/12 (2006.01)
A61P 31/20 (2006.01)
A61K 39/00 (2006.01)
(43) 18.08.2022
(62) 2018382602
(72) AMMENDOLA, Virginia; BAYAT, Babak;
 LORIN, Clarisse; VASSILEV, Ventsislav
 Borjidarov; VITELLI, Alessandra
(74) Davies Collison Cave Pty Ltd

(71) Gramboo Inc.
(11) AU-A-2022209249
(21) 2022209249 **(22)** 26.07.2022
(54) Directory assisted routing of content in
 an information centric network
(51) Int. Cl.
H04L 12/717 (2013.01)
H04L 12/741 (2013.01)
H04L 29/08 (2006.01)
H04L 29/12 (2006.01)
(43) 18.08.2022
(62) 2019282267
(72) JOHN, Nitish
(74) Davies Collison Cave Pty Ltd

(71) Haden, J.
(11) AU-A-2022209245
(21) 2022209245 **(22)** 26.07.2022
(54) ORAL HYDRATION SYSTEM
(51) Int. Cl.
B65D 35/56 (2006.01)
A61J 7/00 (2006.01)
A61J 15/00 (2006.01)
F16K 15/14 (2006.01)
F16L 3/00 (2006.01)

(43) 18.08.2022
(62) 2017209435
(72) Haden, Jim
(74) Gestalt Law Pty Ltd

(71) Hangzhou DAC Biotech Co., Ltd
(11) AU-A-2022206809
(21) 2022206809 **(22)** 22.07.2022
(54) Bridge Linkers for Conjugation of Cell-
 Binding Molecules
(51) Int. Cl.
C07C 243/28 (2006.01)
A61K 45/06 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
C07C 275/50 (2006.01)
C07C 311/55 (2006.01)
C07D 207/452 (2006.01)
C07D 213/71 (2006.01)
C07D 403/14 (2006.01)
C07K 5/065 (2006.01)
(43) 18.08.2022
(62) 2021202467
(72) ZHAO, Robert Yongxin
(74) FB Rice Pty Ltd

HEM Inc. see Cosmax NBT, Inc.
(21) 2021418327

(71) Heraeus Electro-Nite International N.V.
(11) AU-A-2022200454
(21) 2022200454 **(22)** 24.01.2022
(54) Immersion device for temperature
 measurement and method for position
 detection
(51) Int. Cl.
F27D 21/00 (2006.01)
B65H 51/00 (2006.01)
B65H 51/32 (2006.01)
F27D 11/08 (2006.01)
G01J 5/00 (2022.01)
G01J 5/02 (2022.01)
G01J 5/08 (2022.01)
G01K 11/32 (2021.01)
(31) 21154561.1 **(32)** 01.02.21 **(33)** EP
(43) 18.08.2022
(72) VAN VLIERBERGHE, Michel; NEY-
 ENS, Guido
(74) Spruson & Ferguson

(71) HITIQ LIMITED
(11) AU-A-2021221567
(21) 2021221567 **(22)** 25.08.2021
(54) INSTRUMENTED MOUTHGUARD
 DEVICES AND ASSOCIATED TECH-
 NOLOGY CONFIGURED TO EN-
 ABLE: (i) ANALYSIS OF HEAD IM-
 PACT EVENTS; AND (ii) ANALYSIS OF
 PHYSICAL PERFORMANCE, INCLUD-
 ING FOLLOWING A HEAD IMPACT
 EVENT
(51) Int. Cl.
A63B 71/08 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
A61C 7/08 (2006.01)
A61C 7/36 (2006.01)

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A63B 24/00 (2006.01)
G06N 20/00 (2019.01)
(31) 2021900247 **(32)** 04.02.21 **(33)** AU
(43) 18.08.2022
(72) Vegar, Mike; Nizette, Ben; Erikson, David
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

(71) HONEYWELL INTERNATIONAL INC.
(11) AU-A-2022200073
(21) 2022200073 **(22)** 07.01.2022
(54) DYNAMIC NON-LINEAR OPTIMIZATION OF A BATTERY ENERGY STORAGE SYSTEM
(51) Int. Cl.
H02J 3/32 (2006.01)
G06F 17/11 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06Q 10/04 (2012.01)
G06Q 50/06 (2012.01)
H02J 13/00 (2006.01)
H02J 15/00 (2006.01)
(31) 17/165,062 **(32)** 02.02.21 **(33)** US
(43) 18.08.2022
(72) MANIKFAN, Sameer D.; GANAPATHI, Ramakrishnan
(74) FPA Patent Attorneys Pty Ltd

(71) HUANG, P.
(11) AU-A-2022200626
(21) 2022200626 **(22)** 01.02.2022
(54) Replaceable Container Protective Cover
(51) Int. Cl.
B65D 25/20 (2006.01)
A61J 9/08 (2006.01)
B65D 23/08 (2006.01)
(31) 17/165,911 **(32)** 02.02.21 **(33)** US
(43) 18.08.2022
(72) HUANG, Po-Chun
(74) Pipers Intellectual Property

(71) Human Intelligy Service Corp.
(11) AU-A-2022200433
(21) 2022200433 **(22)** 24.01.2022
(54) Driving device with upper and lower travel detection function for an electric rolling door
(51) Int. Cl.
E06B 9/68 (2006.01)
E06B 9/08 (2006.01)
E06B 9/72 (2006.01)
E06B 9/88 (2006.01)
(31) 110201109 **(32)** 29.01.21 **(33)** TW
(43) 18.08.2022
(72) LIU, Curtis
(74) Spruson & Ferguson

(71) Illinois Tool Works Inc.
(11) AU-A-2022206784
(21) 2022206784 **(22)** 21.07.2022
(54) Combustion-powered fastener driving tool fuel cell assembly
(51) Int. Cl.
B25C 1/08 (2006.01)

F17C 13/04 (2006.01)
(43) 18.08.2022
(62) 2020203724
(72) Crawford, Ronald Brett; Shea, Maureen L.
(74) Davies Collison Cave Pty Ltd

(71) Intradin (Huzhou) Precision Technology Co., Ltd.
(11) AU-A-2021266307
(21) 2021266307 **(22)** 11.11.2021
(54) ELECTRIC WINDER AND METHOD FOR CONTROLLING SAME
(51) Int. Cl.
B65H 75/44 (2006.01)
H02G 11/02 (2006.01)
(31) CN202110142110.1 **(32)** 02.02.21 **(33)** CN
(43) 18.08.2022
(72) Qiao, Xuetao; Wang, Gaofeng; Ning, Jisheng
(74) Madderns Pty Ltd

(71) Intuit Inc.
(11) AU-A-2021202850
(21) 2021202850 **(22)** 05.05.2021
(54) Learning user actions to improve transaction categorization
(51) Int. Cl.
G06Q 40/00 (2012.01)
G06N 3/04 (2006.01)
G06N 20/00 (2019.01)
G06Q 10/00 (2012.01)
G06Q 50/00 (2012.01)
(31) 17/162,365 **(32)** 29.01.21 **(33)** US
(43) 18.08.2022
(72) Liu, Juan; Sun, Ying; Pei, Lei
(74) Davies Collison Cave Pty Ltd

(71) iRobot Corporation
(11) AU-A-2022206790
(21) 2022206790 **(22)** 21.07.2022
(54) Interface for robot cleaner evacuation
(51) Int. Cl.
A47L 11/40 (2006.01)
G08B 21/00 (2006.01)
(43) 18.08.2022
(62) 2019219856
(72) JOHNSON, Wesley; SCHRIESHEIM, Benjamin H.; HUANG, Qunxi
(74) Spruson & Ferguson

(71) JCR Pharmaceuticals Co., Ltd.
(11) AU-A-2022206724
(21) 2022206724 **(22)** 19.07.2022
(54) ANTI-HUMAN TRANSFERRIN RECEPTOR ANTIBODY PERMEATING BLOOD-BRAIN BARRIER
(51) Int. Cl.
C12N 15/09 (2006.01)
A61K 39/395 (2006.01)
A61K 45/00 (2006.01)
A61P 9/10 (2006.01)
A61P 21/02 (2006.01)
A61P 21/04 (2006.01)
A61P 25/00 (2006.01)
A61P 25/14 (2006.01)
A61P 25/16 (2006.01)

A61P 25/18 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
C07K 14/475 (2006.01)
C07K 16/18 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
C07K 19/00 (2006.01)
C12N 5/10 (2006.01)
C12N 9/10 (2006.01)
C12N 9/16 (2006.01)
C12N 9/24 (2006.01)
C12N 9/64 (2006.01)
C12N 15/113 (2010.01)
C12P 21/08 (2006.01)
(43) 18.08.2022
(62) 2016283343
(72) Sonoda, Hiroyuki; Takahashi, Kenichi
(74) PHILLIPS ORMONDE FITZPATRICK

(71) KANDO INNOVATION LIMITED
(11) AU-A-2022209233
(21) 2022209233 **(22)** 26.07.2022
(54) Safety apparatus for a power operated skinning machine with a fixed blade.
(51) Int. Cl.
A22C 17/12 (2006.01)
A22B 5/16 (2006.01)
B26D 7/22 (2006.01)
B27G 19/00 (2006.01)
B27G 21/00 (2006.01)
F16P 3/14 (2006.01)
(43) 18.08.2022
(62) 2020264309
(72) Blenkinsopp, Keith; Hurd, Shaun; Wickham, Winston Duang; Maddever, George
(74) Donald Rivers Ensor

(71) KAO, H.S.; CHANG, C.P.
(11) AU-A-2022200563
(21) 2022200563 **(22)** 28.01.2022
(54) ENDOSCOPE ASSEMBLY AND ENDOSCOPE SYSTEM HAVING THE SAME
(51) Int. Cl.
A61B 1/055 (2006.01)
A61B 1/012 (2006.01)
A61B 1/07 (2006.01)
A61B 1/313 (2006.01)
(31) 110136834 **(32)** 04.10.21 **(33)** TW
 110201346 03.02.21 TW
(43) 18.08.2022
(72) KAO, Hong So; CHANG, Chin Piao
(74) AJ PARK

(71) KAO, H.S.; CHANG, C.P.
(11) AU-A-2022200564
(21) 2022200564 **(22)** 28.01.2022
(54) ENDOSCOPE ASSEMBLY HAVING A SURGICAL INSTRUMENT AND ENDOSCOPE SYSTEM HAVING THE SAME
(51) Int. Cl.
A61B 1/018 (2006.01)
A61B 1/055 (2006.01)

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A61B 1/313 (2006.01)
(31) 110136442 **(32)** 30.09.21 **(33)** TW
 110201347 03.02.21 TW
(43) 18.08.2022
(72) KAO, Hong So; CHANG, Chin Piao
(74) AJ PARK

(71) Komatsu Ltd.
(11) AU-A-2022209235
(21) 2022209235 **(22)** 26.07.2022
(54) Display control device and display control method
(51) Int. Cl.
E02F 9/26 (2006.01)
G09G 5/00 (2006.01)
G09G 5/377 (2006.01)
(43) 18.08.2022
(62) 2019292456
(72) TAKAHAMA, Kazuhisa; MATSUMURA, Yukinori
(74) FB Rice Pty Ltd

(71) KWESST Inc.
(11) AU-A-2021200556
(21) 2021200556 **(22)** 29.01.2021
(54) Programmable multi-waveform RF generator for use as battlefield decoy
(51) Int. Cl.
H04B 1/00 (2006.01)
H04L 27/00 (2006.01)
G06F 1/12 (2006.01)
H03F 3/20 (2006.01)
(43) 18.08.2022
(72) Dunn, Jeffrey M.
(74) Davies Collison Cave Pty Ltd

(71) Leash Bar Pty Ltd
(11) AU-A-2021200635
(21) 2021200635 **(22)** 01.02.2021
(54) Leash plug
(51) Int. Cl.
B63B 32/70 (2020.01)
B63B 32/77 (2020.01)
(43) 18.08.2022
(72) Perese, Dylan
(74) FB Rice Pty Ltd

(71) Lensar, Inc.
(11) AU-A-2022209256
(21) 2022209256 **(22)** 27.07.2022
(54) Patient interface device for laser methods and systems
(51) Int. Cl.
A61B 18/20 (2006.01)
A61F 9/00 (2006.01)
A61F 9/007 (2006.01)
A61F 9/008 (2006.01)
A61F 9/009 (2006.01)
A61F 9/013 (2006.01)
(43) 18.08.2022
(62) 2017248228
(72) TEUMA, E. Valas; McWHIRTER, John; BROWNELL, Michael
(74) Spruson & Ferguson

(71) LG Electronics Inc.
(11) AU-A-2022206782
(21) 2022206782 **(22)** 21.07.2022
(54) Washing machine
(51) Int. Cl.
D06F 39/08 (2006.01)
(43) 18.08.2022
(62) 2020223688
(72) Lee, Junghoon; Woo, Kyungchul; Kim, Jaehyun; Im, Myunghun; Jung, Hwanjin
(74) Davies Collison Cave Pty Ltd

(71) Licella Pty Ltd
(11) AU-A-2022208554
(21) 2022208554 **(22)** 25.07.2022
(54) Biorefining method
(51) Int. Cl.
C10L 1/00 (2006.01)
B01J 8/00 (2006.01)
C10G 1/04 (2006.01)
(43) 18.08.2022
(62) 2020201229
(72) DOWNIE, Robert; HUMPHREYS, Leonard James; MASCHMEYER, Thomas; ROWLANDS, William Neil
(74) Spruson & Ferguson

(71) Looper Strap Weights Pty Ltd
(11) AU-A-2022200699
(21) 2022200699 **(22)** 03.02.2022
(54) Carrier for objects
(51) Int. Cl.
B65D 85/58 (2006.01)
B25H 3/04 (2006.01)
B65D 25/10 (2006.01)
B65D 25/28 (2006.01)
(31) 2021900235 **(32)** 03.02.21 **(33)** AU
(43) 18.08.2022
(72) Hamilton, Ian
(74) Davies Collison Cave Pty Ltd

(71) Mallinckrodt Pharmaceuticals Ireland Limited
(11) AU-A-2022206805
(21) 2022206805 **(22)** 22.07.2022
(54) APPARATUS AND METHOD FOR FILTERING LIQUID PARTICLES FROM INSPIRATORY GAS FLOW OF A PATIENT BREATHING CIRCUIT AFFILIATED WITH A VENTILATOR AND/OR NITRIC OXIDE DELIVERY SYSTEM
(51) Int. Cl.
B01D 33/50 (2006.01)
B01D 33/82 (2006.01)
(43) 18.08.2022
(62) 2017240366
(72) Biba, Scott I.; Falligant, John
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Marioff Corporation Oy
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(21) 2022200227 **(22)** 14.01.2022
(54) Fire system
(51) Int. Cl.
A62C 35/60 (2006.01)
A62C 3/00 (2006.01)
A62C 37/08 (2006.01)

G08B 17/00 (2006.01)
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(72) KRUTSKEVYCH, Nazar; WOLNOWSKI, Piotr; RAASZ, Pawel; HELASUC, Jarmo
(74) FPA Patent Attorneys Pty Ltd

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(54) Membrane wastewater treatment system and method thereof
(51) Int. Cl.
C02F 1/00 (2006.01)
(43) 18.08.2022
(72) ANTONY PRINCE, James Selvaraj
(74) MINTER ELLISON

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(21) 2021200619

(71) Mesoblast, Inc.
(11) AU-A-2022209219
(21) 2022209219 **(22)** 26.07.2022
(54) Methods of treating or preventing respiratory conditions
(51) Int. Cl.
A61P 11/00 (2006.01)
A61K 35/28 (2015.01)
A61P 11/06 (2006.01)
C12N 5/0775 (2010.01)
C12N 5/0789 (2010.01)
(43) 18.08.2022
(62) 2020202022
(72) Krishnan, Ravi; Ghosh, Peter; Itescu, Silviu
(74) FB Rice Pty Ltd

(71) Milwaukee Electric Tool Corporation
(11) AU-A-2022209250
(21) 2022209250 **(22)** 27.07.2022
(54) TAPE MEASURE WITH REINFORCED TAPE BLADE AND/OR TEAR REDUCING HOOK CONFIGURATION
(51) Int. Cl.
G01B 1/00 (2006.01)
G01B 3/10 (2020.01)
(43) 18.08.2022
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(72) Khangar, Abhijeet A.; Feuerstein, Jacob
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2022209252
(21) 2022209252 **(22)** 27.07.2022
(54) Self-powered computing buoy
(51) Int. Cl.
G05D 1/00 (2006.01)
H02J 4/00 (2006.01)
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(72) Moffat, Brian; Sheldon-Coulson, Garth
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C08F 220/14 (2006.01)
C08F 6/00 (2006.01)
C08F 220/06 (2006.01)
C08F 220/10 (2006.01)
C08F 220/44 (2006.01)
C08F 220/56 (2006.01)
C08J 5/00 (2006.01)
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 (72) FRANCALANCI, Franco; BELLARDI, Luca; BROGNI, Vittoria
 (74) AJ PARK

(71) Niche Biomedical, Inc.
 (11) AU-A-2022209231
 (21) 2022209231 (22) 26.07.2022
 (54) Method and system for targeted and adaptive transcutaneous spinal cord stimulation
 (51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/04 (2006.01)
A61N 1/05 (2006.01)
A61N 1/08 (2006.01)
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 (72) LO, Yi-Kai; YUNG, Rachel; WANG, Po-Min; BALDWIN, Alex; NI, Chia-Hung
 (74) Spruson & Ferguson

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 (21) 2021221615

(71) Pearson, A.; Pearson, L.
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 (21) 2021221615 (22) 25.08.2021
 (54) REUSABLE CLING FILM
 (51) Int. Cl.
C08J 5/18 (2006.01)
C08K 3/36 (2006.01)
C08L 83/06 (2006.01)
 (31) 2021900263 (32) 04.02.21 (33) AU
 (43) 18.08.2022
 (72) Pearson, Andrew; Pearson, Lisa
 (74) protectmyidea.com.au

(71) PepsiCo, Inc.
 (11) AU-A-2022209207
 (21) 2022209207 (22) 25.07.2022
 (54) Lean Vending Machine
 (51) Int. Cl.
G07F 11/16 (2006.01)
G07F 11/10 (2006.01)
G07F 11/28 (2006.01)

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 (74) Allens Patent & Trade Mark Attorneys

(71) PERCEPTIVE SENSOR TECHNOLOGIES LLC
 (11) AU-A-2022205190
 (21) 2022205190 (22) 12.07.2022
 (54) NON-LINEAR ULTRASOUND METHOD AND APPARATUS FOR QUANTITATIVE DETECTION OF MATERIALS (LIQUIDS, GAS, PLASMA)
 (51) Int. Cl.
G01G 17/04 (2006.01)
G01F 23/20 (2006.01)
G01F 23/28 (2006.01)
G01F 23/296 (2022.01)
 (43) 18.08.2022
 (62) 2020283140
 (72) Heim, James M.
 (74) Wallington-Dummer

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 (11) AU-A-2022206780
 (21) 2022206780 (22) 21.07.2022
 (54) AUTOMATED SYSTEM AND METHODOLOGY FOR FEATURE EXTRACTION
 (51) Int. Cl.
G06T 17/05 (2011.01)
G01B 13/20 (2006.01)
G01C 11/02 (2006.01)
G06K 9/00 (2022.01)
G06V 10/40 (2022.01)
G06V 10/778 (2022.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) Hybrid utility vehicle
 (51) Int. Cl.
B60K 6/48 (2007.10)
B60K 6/383 (2007.10)
B60K 6/442 (2007.10)
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 (74) Griffith Hack

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 (54) Heat dissipation device of energy storage system and heat dissipation method for energy storage system

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H01M 10/613 (2014.01)
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 (74) James & Wells Intellectual Property

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 (54) METHODS AND APPARATUS FOR USE OF COMPACT CONCURRENT CODECS IN MULTIMEDIA COMMUNICATIONS
 (51) Int. Cl.
H04N 7/14 (2006.01)
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 (72) Leung, Nikolai Konrad; Wang, Yekui; Subramanian, Ramachandran
 (74) Madderns Pty Ltd

(71) Rain-Check.IT Pty Ltd
 (11) AU-A-2022206832
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 (51) Int. Cl.
G06Q 30/00 (2012.01)
G06Q 10/08 (2012.01)
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 (72) Wall, Cameron; Lin, Wei
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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 (11) AU-A-2022206747
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 (54) Aerosol delivery device, and associated apparatus and method of formation thereof
 (51) Int. Cl.
H05B 3/42 (2006.01)
A24F 47/00 (2020.01)
 (43) 18.08.2022
 (62) 2017252078
 (72) SUR, Rajesh
 (74) FB Rice Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2022206806
 (21) 2022206806 (22) 22.07.2022
 (54) ADAM6 mice
 (51) Int. Cl.
C12N 15/85 (2006.01)
A01K 67/027 (2006.01)
C07K 16/46 (2006.01)
C12N 9/64 (2006.01)
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 (72) MACDOALD, Lynn; STEVENS, Sean; MURPHY, Andrew J.
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 (21) 2022206777 (22) 21.07.2022
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 (51) Int. Cl.
B09B 3/00 (2022.01)
C02F 3/30 (2006.01)
C02F 3/34 (2006.01)
C02F 11/02 (2006.01)
C12N 1/02 (2006.01)
C12N 1/20 (2006.01)
C12N 1/26 (2006.01)
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 (62) 2017267936
 (72) Noland, Scott
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Ripclear LLC
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 (21) 2022206774 (22) 21.07.2022
 (54) Anti-Fog Lens Covering Systems
 (51) Int. Cl.
G02B 1/10 (2015.01)
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 (43) 18.08.2022
 (62) 2020273334
 (72) HINES, Zachary; DOHERTY, Ryan
 (74) WRAYS PTY LTD
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- (71) Sage Therapeutics, Inc.
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 (21) 2022209232 (22) 26.07.2022
 (54) C17, C20, and C21 substituted neuroactive steroids and their methods of use
 (51) Int. Cl.
C07J 7/00 (2006.01)
A61K 31/565 (2006.01)
A61K 31/57 (2006.01)
A61K 31/573 (2006.01)
A61K 31/575 (2006.01)
A61K 31/58 (2006.01)
A61P 25/00 (2006.01)
C07J 1/00 (2006.01)
C07J 9/00 (2006.01)
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 (51) Int. Cl.
E04H 12/22 (2006.01)
E01F 9/677 (2016.01)
E05B 57/00 (2006.01)
E01F 9/60 (2016.01)
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 (72) SCOTT, Ian; URRUTIA CONUS, Fernando
 (74) SPICER SPICER PTY LTD
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 (11) AU-A-2022206802
 (21) 2022206802 (22) 22.07.2022
 (54) Solar Cell, Manufacturing Method Thereof, and Photovoltaic Module
 (51) Int. Cl.
H01L 31/0236 (2006.01)
H01L 31/0216 (2014.01)
H01L 31/046 (2014.01)
H01L 31/0475 (2014.01)
H01L 31/18 (2006.01)
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 (74) Franke Hyland Pty Ltd
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- (71) Shanxi Tiandi Coal Mining Machinery Co., Ltd.; Tai Yuan Research Institute of China Coal Technology & Engineering Group
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 (54) Large mining height digging and bolting machine
 (51) Int. Cl.
E21D 20/00 (2006.01)
E21B 15/00 (2006.01)
E21D 9/10 (2006.01)
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 (74) Madderns Pty Ltd
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- (71) Siemens Healthcare Diagnostics Inc.
 (11) AU-A-2022209251
 (21) 2022209251 (22) 27.07.2022
 (54) Multiple diagnostic engine environment
 (51) Int. Cl.
G01N 33/48 (2006.01)
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 (72) DESHPANDE, Manish; THORPE, William
 (74) Spruson & Ferguson
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- (71) Siemens Mobility GmbH
 (11) AU-A-2022200290
 (21) 2022200290 (22) 18.01.2022
 (54) Method of training control means of a rail vehicle, control means, and rail vehicle
 (51) Int. Cl.
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- B61L 27/60** (2022.01)
B61L 27/04 (2006.01)
G06N 3/02 (2006.01)
G09B 9/02 (2006.01)
 (31) EP21154227 (32) 29.01.21 (33) EP
 (43) 18.08.2022
 (72) WEBER, Marc Christian; PALMER, Andrew
 (74) Spruson & Ferguson
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 (21) 2022206767
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- (71) Snap-on Incorporated
 (11) AU-A-2022200328
 (21) 2022200328 (22) 19.01.2022
 (54) CIRCUIT BOARD WITH SENSOR CONTROLLED LIGHTS AND END-TO-END CONNECTION
 (51) Int. Cl.
H05K 1/18 (2006.01)
H05B 45/30 (2020.01)
H05K 7/02 (2006.01)
 (31) 17/162,512 (32) 29.01.21 (33) US
 (43) 18.08.2022
 (72) KUTER-ARNEBECK, Ottoleo; WEIR, Nicholas H.; SCHULZ, Ben; HANSEN, Steven K.; KAHL, Robert F.
 (74) Griffith Hack
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 (11) AU-A-2022200456
 (21) 2022200456 (22) 25.01.2022
 (54) DUAL PAWL RATCHET MECHANISM
 (51) Int. Cl.
B25B 13/46 (2006.01)
B25B 17/02 (2006.01)
 (31) 17/165,089 (32) 02.02.21 (33) US
 (43) 18.08.2022
 (72) ROSS, David T.
 (74) Griffith Hack
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- (71) SOFER, B.
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 (21) 2022200418 (22) 21.01.2022
 (54) METHODS AND APPARATUS FOR MITIGATING FIRE RISK
 (51) Int. Cl.
A62C 3/00 (2006.01)
A62C 35/00 (2006.01)
E04B 1/94 (2006.01)
 (31) 63/145,218 (32) 03.02.21 (33) US
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 (43) 18.08.2022
 (72) SOFER, Benjamin
 (74) Belyea IP
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- (71) SPORN, J.S.
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 (21) 2021202028 (22) 31.03.2021
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 (51) Int. Cl.
A01K 27/00 (2006.01)
A45F 3/14 (2006.01)
 (31) 17/166,468 (32) 03.02.21 (33) US

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Menhennitt, L.

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F25C 1/20 (2006.01)
F25C 1/00 (2006.01)

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(72) Steffen, Sonja Kiara; Dowding, Danielle
Kim; Nikolic, Mirjana; Menhennitt, Len-
ore

(74) Sonja Kiara Steffen

Stevenson, W.L. see Stevenson, R.A.

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(71) Stevenson, R.A.; Stevenson, W.L.

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(21) 2022206773 (22) 21.07.2022

(54) Urination relief hatch for waterproof
waders and foul weather gear

(51) Int. Cl.
A41D 1/00 (2018.01)
A41D 1/06 (2006.01)
A41D 1/08 (2018.01)

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(62) 2016355724
(72) Stevenson, Robert; Stevenson, Wendy
(74) Davies Collison Cave Pty Ltd

(71) Superior Pak Holdings Pty Ltd

(11) AU-A-2022206786
(21) 2022206786 (22) 21.07.2022

(54) DETECTION SYSTEM FOR FRONT
OF A VEHICLE

(51) Int. Cl.
B60R 21/013 (2006.01)
B60R 21/0134 (2006.01)
B65F 3/00 (2006.01)

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(62) 2020289875
(72) PRONGER, Michael; ERRINGTON,
Rowley; HANSEN, Scott
(74) Wynnes Patent and Trade Mark Attor-
neys Pty Ltd

(71) SURF SENSE DEVICES PTY LTD

(11) AU-A-2022206775
(21) 2022206775 (22) 21.07.2022

(54) FRAMEWORKS AND METHODO-
LOGIES CONFIGURED TO ENABLE
REAL-TIME LOCATION-SPECIFIC DE-
TERMINATION OF RECREATIONALLY
RELEVANT WAVE CHARACTERIS-
TIC DATA, INCLUDING GENERATION
AND DELIVERY OF LOCATION-SPE-
CIFIC OCEAN WAVE NOTIFICATIONS

(51) Int. Cl.
G01C 13/00 (2006.01)
A63B 69/00 (2006.01)

B63B 22/00 (2006.01)

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(74) FORWARD INTELLECTUAL PROP-
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(71) Swedish Biomimetics 3000 Limited

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(21) 2022206800 (22) 21.07.2022

(54) Elongate Solid Phase Body

(51) Int. Cl.
B01J 19/00 (2006.01)

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(74) WRAYS PTY LTD

Tai Yuan Research Institute of China Coal
Technology & Engineering Group see
Shanxi Tiandi Coal Mining Machinery Co.,
Ltd.

(21) 2021372954

(71) Takeda Vaccines, Inc.

(11) AU-A-2022209239
(21) 2022209239 (22) 26.07.2022
(54) Method for inactivating ZIKA Virus and
for determining the completeness of in-
activation

(51) Int. Cl.
A61K 39/12 (2006.01)
A61P 31/14 (2006.01)

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(62) 2022201109
(72) LIVENGOOD, Jill; GIEBLER, Holli;
DEAN, Hansi; SATOU, Tatsuki; RAO,
Raman; MARKS, Jackie; LYONS, Mark;
SHINTANI, Asae; GIFFORD, Jamie
(74) WRAYS PTY LTD

(71) Techtronic Cordless GP

(11) AU-A-2022200435
(21) 2022200435 (22) 24.01.2022

(54) Chainsaws

(51) Int. Cl.
B27B 17/14 (2006.01)

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(43) 18.08.2022
(72) HOFFMAN, Ronald J.; HOLMAN,
Christopher; REED, Scott
(74) Spruson & Ferguson

(71) Techtronic Cordless GP

(11) AU-A-2022200453
(21) 2022200453 (22) 24.01.2022

(54) Dual function power tool

(51) Int. Cl.
A01D 34/73 (2006.01)
A01D 34/416 (2006.01)

(31) 63/145,272 (32) 03.02.21 (33) US
(43) 18.08.2022
(72) HOFFMAN, Ronald J.; NOLIN, Eric J.
(74) Spruson & Ferguson

(71) Terra Quantum AG

(11) AU-A-2022200389
(21) 2022200389 (22) 20.01.2022
(54) HYBRID QUANTUM COMPUTATION
ARCHITECTURE FOR SOLVING A
SYSTEM OF LINEAR BINARY RELA-
TIONS

(51) Int. Cl.
G06N 10/00 (2022.01)
G06F 15/76 (2006.01)
G06F 17/11 (2006.01)

(31) 21154851.6 (32) 02.02.21 (33) EP
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(72) PAKHOMCHIK, Aleksey; PER-
ELSHEIN, Michael
(74) Griffith Hack

(71) The General Hospital Corporation

(11) AU-A-2022209254
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(54) USING TRUNCATED GUIDE RNAS
(TRU-GRNAS) TO INCREASE SPE-
CIFICITY FOR RNA-GUIDED GEN-
OME EDITING

(51) Int. Cl.
C12N 15/63 (2006.01)
C07H 21/04 (2006.01)
C12N 15/62 (2006.01)
C12Q 1/68 (2018.01)

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(72) Joung, J. Keith; Sander, Jeffrey D.; Fu,
Yanfang; Maeder, Morgan
(74) RnB IP Pty Ltd

(71) The Gillette Company LLC

(11) AU-A-2022209200
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(54) RAZOR HANDLE WITH MOVABLE
MEMBERS

(51) Int. Cl.
B26B 21/40 (2006.01)
B26B 21/52 (2006.01)

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(62) 2019242730
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thew Stephen; Cusack, Jessie Lee;
Washington, Jack Anthony; Bassett,
Charles James; Ramm, Christopher;
Bourque, Steven Michael; Patel, Ashok
Bakul; Litterst, Christian Arnold; Zegula,
Christoph
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Theia Group, Incorporated

(11) AU-A-2022206794
(21) 2022206794 (22) 21.07.2022

(54) SYSTEM FOR TRANSMISSION AND
DIGITIZATION OF MACHINE TELE-
METRY

(51) Int. Cl.
H04N 5/225 (2006.01)

(43) 18.08.2022
(62) 2017273616
(72) Olson, Erlend
(74) Intelpro Patent & Trade Mark Attor-
neys

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 (11) AU-A-2022206814
 (21) 2022206814 (22) 22.07.2022
 (54) Oral care compositions for promoting gum health
 (51) Int. Cl.
A61K 8/19 (2006.01)
A61K 8/21 (2006.01)
A61K 8/27 (2006.01)
A61K 8/44 (2006.01)
A61Q 11/00 (2006.01)
 (43) 18.08.2022
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C12N 15/11 (2006.01)
C12Q 1/68 (2018.01)
 (43) 18.08.2022
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 (11) AU-A-2022200602
 (21) 2022200602 (22) 31.01.2022
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H01M 8/0245 (2016.01)
C01F 17/206 (2020.01)
C04B 35/50 (2006.01)
C22C 38/28 (2006.01)
H01M 4/52 (2010.01)
H01M 8/0202 (2016.01)
H01M 8/12 (2016.01)
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 (43) 18.08.2022
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 (54) ARRANGEMENT OF A GROUND DRILLING DEVICE, METHOD FOR OPERATING A GROUND DRILLING DEVICE AND USE OF AN ARRANGEMENT OF A GROUND DRILLING DEVICE
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E21B 19/24 (2006.01)
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C07C 233/73 (2006.01)
A61K 31/164 (2006.01)
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C07C 233/64 (2006.01)
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G05B 11/32 (2006.01)
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 (72) KNATT, Kevin; FRIEND, John
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 (72) KNATT, Kevin
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-
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 (11) AU-A-2022209222
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G05D 1/02 (2020.01)
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B60R 25/30 (2013.01)
G08B 21/18 (2006.01)
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 (54) Method for isolation and purification of microvesicles from cell culture supernatants and biological fluids
 (51) Int. Cl.
G01N 1/34 (2006.01)
A61K 9/127 (2006.01)
A61P 17/00 (2006.01)
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Applications Open to Public Inspection - Name Index cont'd

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HEALTH SCIENCE CENTER AT FORT
WORTH; BOARD OF REGENTS, THE
UNIVERSITY OF TEXAS SYSTEM
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(54) Blood-based screen for detecting neur-
ological diseases in primary care set-
tings
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Xiao, Guanghua; German, Dwight
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URRUTIA CONUS, F. see SCOTT, I.
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Radio Frequency (RF) Environments
Utilizing Distributed Devices
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Marvin John; REYNOLDS, Andrew Bry-
an; CHISHAM, Steven Allan; BERNIER,
Steve John Joseph
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(11) AU-A-2022206762
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(54) Device and Method for Viscosity De-
termination in Liquids
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G01N 11/10 (2006.01)
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(62) 2017209991
(72) Bookbinder, Steven; Boaden, Elizabeth
(74) SR Intellectual Property

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F42B 10/42 (2006.01)
F42B 12/02 (2006.01)
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(72) Schroeder, Matthew S.; Moser, Adam
J.; Goodlin, Drew L.; Carlson, Erik K.
(74) Phoenix Intellectual Property

(71) Viveve, Inc.
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(54) Therapeutic methods for treating tissue
(51) Int. Cl.
A61H 39/06 (2006.01)
A61B 18/02 (2006.01)
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SON, James
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(54) Tubular Cutting Tool
(51) Int. Cl.
E21B 29/00 (2006.01)
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Dan Hugh; STONE, Jeremy Lee;
TEALE, David
(74) WRAYS PTY LTD

(71) Wenger Manufacturing Inc.
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TENT EXTRUDATES
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meier, Allan C.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Wilson Wolf Manufacturing Corporation
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(21) 2022209247 (22) 26.07.2022
(54) Cell culture methods and devices utiliz-
ing gas permeable materials
(51) Int. Cl.
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(62) 2019240734
(72) Page, Douglas A.; Wilson, John R.;
Robeck, Alison; Welch, Daniel
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(71) WiseTech Global Limited
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(21) 2022200545 (22) 28.01.2022
(54) Vessel tracking
(51) Int. Cl.
G06Q 10/08 (2012.01)
G01C 21/20 (2006.01)

G01S 5/00 (2006.01)
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(72) Balajan, James; Shafron, Thomas;
Däullary, Tobias
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A01K 1/03 (2006.01)
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(72) Yang, Weiping
(74) Michael Buck IP

Yin, Y. see Yin, Q.
(21) 2021204839

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(21) 2021204839 (22) 11.07.2021
(54) Telomerase Moderator
(51) Int. Cl.
A61K 35/65 (2015.01)
A23L 13/00 (2016.01)
A23L 23/00 (2016.01)
A61K 9/00 (2006.01)
A61P 35/00 (2006.01)
(43) 18.08.2022
(72) Yin, Qingli
(74) Alder IP Pty Ltd

**Zhejiang Jinko Solar Co., Ltd. see Shang-
hai Jinko Green Energy Enterprise Man-
agement Co. Ltd.**
(21) 2022206802

Numerical Index

| | | | |
|------------|---|------------|---|
| 2021200556 | KWESST Inc. | 2022206729 | Comet Biorefining Inc. |
| 2021200619 | Steffen, S.; Dowding, D.K.; Nikolic, M.; Menhennitt, L. | 2022206730 | UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH; BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM |
| 2021200635 | Leash Bar Pty Ltd | | |
| 2021200649 | Canva Pty Ltd | 2022206747 | RAI Strategic Holdings, Inc. |
| 2021200666 | ANTWORKS ENGINEERING PTY. LTD. | 2022206748 | Arrowhead Pharmaceuticals, Inc. |
| 2021200681 | CHIEN, C. | 2022206749 | AxoGen Corporation |
| 2021201982 | Yang, W. | 2022206750 | Weatherford Technology Holdings, LLC |
| 2021202028 | SPORN, J.S. | 2022206752 | CMR Surgical Limited |
| 2021202850 | Intuit Inc. | 2022206756 | AMO Development, LLC |
| 2021204839 | Yin, Q.; Yin, Y. | 2022206757 | Astellas Institute for Regenerative Medicine |
| 2021212075 | GARINO, J.P. | 2022206758 | BGC Partners, Inc. |
| 2021221567 | HITIQU LIMITED | 2022206760 | Equals 3 LLC |
| 2021221615 | Pearson, A.; Pearson, L. | 2022206762 | VISCGO LIMITED |
| 2021266307 | Intradin (Huzhou) Precision Technology Co., Ltd. | 2022206767 | Chengdu Chemphys Chemical Industry Co., Ltd; Sino-lithium Materials Limited |
| 2021290388 | Deere & Company | | |
| 2021310843 | Pylon Technologies Co., Ltd. | 2022206772 | Coupler Solutions Limited |
| 2021338582 | Advanced Materials Institute, Shandong Academy of Sciences | 2022206773 | Stevenson, R.A.; Stevenson, W.L. |
| | | 2022206774 | Ripclear LLC |
| 2021359040 | Memsift Innovations Pte. Ltd. | 2022206775 | SURF SENSE DEVICES PTY LTD |
| 2021372954 | Shanxi Tiandi Coal Mining Machinery Co., Ltd.; Tai Yuan Research Institute of China Coal Technology & Engineering Group | 2022206777 | Remediation Products, Inc. |
| | | 2022206779 | Cue Health Inc. |
| 2021418327 | Cosmax NBT, Inc.; HEM Inc.; Cosmax NS, Inc. | 2022206780 | Pictometry International Corp. |
| 2022200065 | FJ Dynamics Co., Ltd. | 2022206781 | BAE Systems plc |
| 2022200073 | HONEYWELL INTERNATIONAL INC. | 2022206782 | LG Electronics Inc. |
| 2022200150 | TRACTO-TECHNIK GmbH & Co. KG | 2022206784 | Illinois Tool Works Inc. |
| 2022200225 | MONTEFIBRE MAE TECHNOLOGIES S.r.l. | 2022206786 | Superior Pak Holdings Pty Ltd |
| 2022200227 | Marioff Corporation Oy | 2022206787 | Translational Drug Development, LLC |
| 2022200290 | Siemens Mobility GmbH | 2022206790 | iRobot Corporation |
| 2022200296 | Carl Zeiss AG | 2022206793 | Apple Inc. |
| 2022200328 | Snap-on Incorporated | 2022206794 | Theia Group, Incorporated |
| 2022200367 | Apple Inc. | 2022206797 | Geroux, J.; Cole, C. |
| 2022200389 | Terra Quantum AG | 2022206799 | Edye Pty Ltd |
| 2022200418 | SOFER, B. | 2022206800 | Swedish Biomimetics 3000 Limited |
| 2022200433 | Human Intelligy Service Corp. | 2022206802 | Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co., Ltd. |
| 2022200435 | Techtronic Cordless GP | | |
| 2022200453 | Techtronic Cordless GP | 2022206803 | Polaris Industries Inc. |
| 2022200454 | Heraeus Electro-Nite International N.V. | 2022206804 | tZero IP, LLC |
| 2022200456 | Snap-on Incorporated | 2022206805 | Mallinckrodt Pharmaceuticals Ireland Limited |
| 2022200518 | VISTA OUTDOOR OPERATIONS LLC | 2022206806 | Regeneron Pharmaceuticals, Inc. |
| 2022200537 | Beijing Tusen Zhitu Technology Co., Ltd. | 2022206809 | Hangzhou DAC Biotech Co., Ltd |
| 2022200545 | WiseTech Global Limited | 2022206811 | University of Miami |
| 2022200557 | Brunson, P.; Brunson, B. | 2022206814 | The Procter & Gamble Company |
| 2022200559 | Berry, B. | 2022206815 | FIDELITY INFORMATION SERVICES, LLC; EQUIFAX, INC. |
| 2022200562 | TuSimple, Inc. | | |
| 2022200563 | KAO, H.S.; CHANG, C.P. | 2022206822 | Cognian Technologies Ltd |
| 2022200564 | KAO, H.S.; CHANG, C.P. | 2022206826 | Apple Inc. |
| 2022200581 | Viveve, Inc. | 2022206832 | Rain-Check.IT Pty Ltd |
| 2022200602 | Toshiba Energy Systems & Solutions Corporation | 2022208554 | Licella Pty Ltd |
| 2022200605 | Viavi Solutions Inc. | 2022209019 | Apple Inc. |
| 2022200607 | True Manufacturing Company, Inc. | 2022209200 | The Gillette Company LLC |
| 2022200621 | Bartos, I. | 2022209201 | Cripps Clark, J. |
| 2022200622 | Bartos, I. | 2022209202 | Cripps Clark, J. |
| 2022200626 | HUANG, P. | 2022209207 | PepsiCo, Inc. |
| 2022200636 | FOX FACTORY, INC. | 2022209211 | Becton, Dickinson and Company |
| 2022200685 | True Manufacturing Company, Inc. | 2022209216 | Qualcomm Incorporated |
| 2022200699 | Looper Strap Weights Pty Ltd | 2022209219 | Mesoblast, Inc. |
| 2022200702 | SCOTT, I.; URRUTIA CONUS, F. | 2022209222 | TTI (Macao Commercial Offshore) Limited |
| 2022200709 | Baseline Asset Technologies Pty Ltd | 2022209226 | BioNTech Research and Development, Inc. |
| 2022201287 | Fitbit, Inc. | 2022209228 | Toshiba Mitsubishi-Electric Industrial Systems Corporation |
| 2022204866 | Amgen Inc. | | |
| 2022204902 | ToolGen Incorporated | 2022209231 | Niche Biomedical, Inc. |
| 2022205163 | GlaxoSmithKline Biologicals SA | 2022209232 | Sage Therapeutics, Inc. |
| 2022205190 | PERCEPTIVE SENSOR TECHNOLOGIES LLC | 2022209233 | KANDO INNOVATION LIMITED |
| 2022205243 | Genomatica, Inc. | 2022209234 | Fronius International GmbH |
| 2022205250 | Cripps Clark, J. | 2022209235 | Komatsu Ltd. |
| 2022206724 | JCR Pharmaceuticals Co., Ltd. | 2022209237 | CDx Medical IP, Inc. |
| 2022206725 | Wenger Manufacturing Inc. | 2022209238 | Genlex Corporation |

Applications Open to Public Inspection - Numerical Index cont'd

2022209239 Takeda Vaccines, Inc.
2022209242 DUSA Pharmaceuticals, Inc.
2022209243 Becton Dickinson Rowa Germany GmbH
2022209245 Haden, J.
2022209247 Wilson Wolf Manufacturing Corporation
2022209249 Gramboo Inc.
2022209250 Milwaukee Electric Tool Corporation
2022209251 Siemens Healthcare Diagnostics Inc.
2022209252 Moffat, B.; Sheldon-Coulson, G.
2022209253 Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2022209254 The General Hospital Corporation
2022209256 Lensar, Inc.
2022209257 CITRIX SYSTEMS, INC.

IPC Index

| | | | | | |
|---|---|---|--|---|---|
| A01C 7 /- 2021290388 | A61B 1 /- 2022200563 2022200564 2022206752 | A61K 47 /- 2022206757 | A63B 69 /- 2022206775 | B61L 27 /- 2022200290 | C07C 311 /- 2022206809 |
| A01D 34 /- 2022200453 2022209222 | A61B 17 /- 2022200559 | A61K 8 /- 2022206814 | A63B 71 /- 2021221567 | B63B 21 /- 2022206797 | C07D 207 /- 2022206809 |
| A01K 1 /- 2021201982 | A61B 18 /- 2022200581 2022209256 | A61K 9 /- 2021204839 2022206757 2022206811 | A63F 7 /- 2022200621 2022200622 | B63B 22 /- 2022206775 | C07D 213 /- 2022206809 |
| A01K 27 /- 2021202028 | A61B 34 /- 2022206752 | A61L 26 /- 2022209242 | B01D 33 /- 2022206805 | B63B 32 /- 2021200635 | C07D 403 /- 2022206809 |
| A01K 67 /- 2022206806 | A61B 5 /- 2021221567 2022201287 | A61L 27 /- 2022206749 | B01J 19 /- 2022206800 | B65D 23 /- 2022200626 | C07H 21 /- 2022209254 |
| A01N 25 /- 2022206799 | A61B 90 /- 2022206752 | A61N 1 /- 2022209231 | B01J 8 /- 2022208554 | B65D 25 /- 2022200626 2022200699 | C07J 1 /- 2022209232 |
| A22B 5 /- 2022209233 | A61B 7 /- 2022200581 | A61N 5 /- 2022209242 | B03C 1 /- 2021200681 | B65D 35 /- 2022209245 | C07J 17 /- 2022209232 |
| A22C 17 /- 2022209233 | A61C 7 /- 2021221567 | A61P 11 /- 2022209219 | B08B 7 /- 2021200681 | B65D 85 /- 2022200699 | C07J 41 /- 2022209232 |
| A23K 10 /- 2022206725 | A61F 2 /- 2021212075 2022200559 | A61P 17 /- 2022206811 2022209242 | B08B 9 /- 2021200681 | B65F 3 /- 2022206786 | C07J 43 /- 2022209232 |
| A23K 40 /- 2022206725 | A61F 7 /- 2022200581 | A61P 21 /- 2022206724 | B09B 3 /- 2022206777 | B65G 11 /- 2022200709 | C07J 7 /- 2022209232 |
| A23K 50 /- 2022206725 | A61F 9 /- 2022206756 2022209256 | A61P 25 /- 2022206724 2022206811 2022209232 | B25B 13 /- 2022200456 | B65G 43 /- 2022200709 | C07J 9 /- 2022209232 |
| A23L 13 /- 2021204839 | A61H 39 /- 2022200581 | A61P 31 /- 2022205163 2022206724 2022206809 2022209239 | B25B 17 /- 2022200456 | B65G 47 /- 2022200709 | C07K 14 /- 2022206724 |
| A23L 23 /- 2021204839 | A61J 15 /- 2022209245 | A61P 35 /- 2021204839 2022206724 2022206809 | B25C 1 /- 2022206784 | B65H 51 /- 2022200454 | C07K 16 /- 2022204866 2022206724 2022206806 2022209226 |
| A23L 29 /- 2021418327 | A61J 7 /- 2022209245 | A61P 37 /- 2022206811 | B25H 3 /- 2022200699 | B65H 75 /- 2021266307 | C07K 19 /- 2022206724 |
| A23N 17 /- 2022206725 | A61J 9 /- 2022200626 | A61P 39 /- 2022206724 | B26B 21 /- 2022209200 | B66D 1 /- 2022206797 | C07K 5 /- 2022206809 |
| A24F 47 /- 2022206747 | A61K 31 /- 2022206757 2022206787 2022209232 | A61P 37 /- 2022206811 | B26D 7 /- 2022209233 | C01F 17 /- 2022200602 | C08B 15 /- 2022206729 |
| A41D 1 /- 2022206773 | A61K 35 /- 2021204839 2021418327 2022209219 | A61P 9 /- 2022206724 | B27B 17 /- 2022200435 | C02F 1 /- 2021359040 | C08F 220 /- 2022200225 |
| A41D 11 /- 2022200557 | A61K 39 /- 2022204866 2022205163 2022206724 2022209226 2022209239 | A61Q 11 /- 2022206814 | B27G 19 /- 2022209233 | C02F 11 /- 2022206777 | C08F 6 /- 2022200225 |
| A41D 15 /- 2022200557 | A61K 41 /- 2022209242 | A62C 3 /- 2022200227 2022200418 | B27G 21 /- 2022209233 | C02F 3 /- 2022206777 | C08J 5 /- 2021221615 2022200225 |
| A42B 1 /- 2022209238 | A61K 45 /- 2022206724 2022206809 | A62C 35 /- 2022200227 2022200418 | B60D 1 /- 2022206797 | C04B 35 /- 2022200602 | C08K 3 /- 2021221615 |
| A42B 3 /- 2022209238 | | A62C 37 /- 2022200227 | B60G 17 /- 2022200636 | C07C 233 /- 2022206787 | C08L 23 /- 2022209242 |
| A45F 3 /- 2021202028 | | A63B 24 /- 2021221567 | B60K 6 /- 2022206803 | C07C 243 /- 2022206809 | C08L 83 /- 2021221615 |
| A47L 11 /- 2022206790 | | | B60R 21 /- 2022206786 | C07C 275 /- 2022206809 | C10G 1 /- 2022208554 |
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Applications Open to Public Inspection - IPC Index cont'd

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| C12N 15 /- 2022204902 2022206724 2022206748 2022206806 2022206811 2022209226 2022209254 | E05B 57 /- 2022200702 | G01C 21 /- 2022200545 | G06F 11 /- 2022209201 2022209202 | G06T 11 /- 2021200649 | H01M 8 /- 2022200602 |
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| C12P 19 /- 2022206729 | E21B 19 /- 2022200150 | G01J 5 /- 2022200454 | G06F 17 /- 2022200073 2022200389 | G06T 7 /- 2022200065 2022200537 | H02J 15 /- 2022200073 |
| C12P 21 /- 2022206724 | E21D 20 /- 2021372954 | G01K 11 /- 2022200454 | G06F 21 /- 2022205250 2022206804 2022209201 2022209202 | G06T 5 /- 2022200296 | H02J 3 /- 2022200073 2022209228 2022209234 |
| C12P 7 /- 2022205243 | E21D 9 /- 2021372954 | G01N 1 /- 2022206811 | G06F 3 /- 2022200367 2022206781 2022206793 | G06T 10 /- 2022200227 | H02J 4 /- 2022209252 |
| C12Q 1 /- 2021418327 2022204902 2022209254 | F16F 9 /- 2022200636 | G01N 33 /- 2022206730 2022206779 2022209251 | G06F 40 /- 2021200649 | G06V 10 /- 2022200537 2022206780 | H03F 3 /- 2021200556 |
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| C23C 4 /- 2021338582 | F16P 3 /- 2022209233 | G01S 19 /- 2022200545 | G06N 3 /- 2021202850 2022200073 2022200290 2022200537 | G08B 21 /- 2022200562 2022206790 | H04L 27 /- 2021200556 |
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Applications Open to Public Inspection - IPC Index cont'd

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2022206815

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2022209202

H04W 48 /-

2022205250

H05B 3 /-

2022206747

H05B 45 /-

2022200328

H05K 1 /-

2022200328

H05K 7 /-

2022200328

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IPC Index

A23C 9 /-

2022100098

A23J 1 /-

2022100098

A47H 13 /-

2022100093

A47H 15 /-

2022100093

A47H 23 /-

2022100093

B01D 15 /-

2022100098

B01D 61 /-

2022100098

C07K 14 /-

2022100098

E04G 21 /-

2022100097

E04G 5 /-

2022100097

E06B 9 /-

2022100093

G06Q 10 /-

2022100094

G06Q 50 /-

2018102243

H04L 51 /-

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H04L 67 /-

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 D06L 1/04 (2006.01)
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 (74) Adrian M Trioli Patent and Trade Mark Attorney

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 (72) CYROT, Lucas Franck
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- (71) Arbutus Biopharma Corporation
(11) AU-A-2020408039
(21) 2020408039 (22) 17.12.2020
(54) Synthetic processes and intermediates
(51) Int. Cl.
C08G 65/20 (2006.01)
C07D 207/02 (2006.01)
C07D 207/04 (2006.01)
C07D 307/04 (2006.01)
C07D 307/06 (2006.01)
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(43) 24.06.2021
(72) PALLERLA, Mahesh; PAMULAPATI, Ganapati Reddy; SPINK, Jan
(74) Davies Collison Cave Pty Ltd
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- (71) Archer Daniels Midland Company
(11) AU-A-2021208456
(21) 2021208456 (22) 11.01.2021
(54) Tertiary separation of allulose from corn syrup using chromatography
(51) Int. Cl.
A23L 27/30 (2016.01)
A23L 33/125 (2016.01)
A23P 10/25 (2016.01)
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(72) VESSELS, Kevin
(74) AJ PARK
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- (71) ARRIS Enterprises LLC
(11) AU-A-2021214827
(21) 2021214827 (22) 21.01.2021
(54) Method and apparatus for Wi-Fi video packet re-prioritization for live MPEG transport streaming
(51) Int. Cl.
H04N 21/236 (2011.01)
H04N 21/2187 (2011.01)
H04N 21/231 (2011.01)
H04N 21/8547 (2011.01)
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(31) 62/967,911 (32) 30.01.20 (33) US
(43) 05.08.2021
(72) ELCOCK, Albert F.; HARDT, Charles; DELSORDO, Christopher S.
(74) Spruson & Ferguson
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- (71) Assembly OSM, Inc.
(11) AU-A-2021217231
(21) 2021217231 (22) 03.02.2021
(54) Connection node for modular building structures
(51) Int. Cl.
E04B 1/24 (2006.01)
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(31) 62/971,669 (32) 07.02.20 (33) US
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(43) 12.08.2021
(72) PARKHOUSE, Leon; VITTADINI, Andrea; CLARK, Matthew Charles John; ANDREATTA, Simone; SABY, Victoire Morgane Chloe
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Avirus, Inc.
(11) AU-A-2021210993
(21) 2021210993 (22) 23.01.2021
(54) Methods and compositions for treating and preventing viral infection
(51) Int. Cl.
C07K 14/705 (2006.01)
A61P 31/12 (2006.01)
C07K 14/18 (2006.01)
C12N 15/79 (2006.01)
C12N 15/86 (2006.01)
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(72) HAN, Jang Hyun; RUTTER, Bill; SEO, Mi-Young
(74) AJ PARK
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- (71) AstraZeneca AB
(11) AU-A-2021206140
(21) 2021206140 (22) 08.01.2021
(54) Combination therapy for treating cancer
(51) Int. Cl.
A61K 31/502 (2006.01)
A61K 31/5025 (2006.01)
A61P 35/00 (2006.01)
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(31) 62/958,792 (32) 09.01.20 (33) US
(43) 15.07.2021
(72) HATTERSLEY, Maureen; PAGEAU POULIOT, Gayle; CHEN, Huawei Raymond; DE VITA, Serena
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Atlas Copco Airpower, Naamloze Venootschap
(11) AU-A-2020416767
(21) 2020416767 (22) 28.12.2020
(54) Method for drying compressed gas
(51) Int. Cl.
B01D 53/04 (2006.01)
B01D 53/26 (2006.01)
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(31) 2020/5000 (32) 02.01.20 (33) BE
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- (71) Baron Innovative Technology LP
(11) AU-A-2021217023
(21) 2021217023 (22) 03.02.2021
(54) Float, float assemblies, float adapters and interfaces, vibration apparatus, and groovers and methods
(51) Int. Cl.
E01C 19/32 (2006.01)
E04G 21/10 (2006.01)
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(31) 62/970,146 (32) 04.02.20 (33) US
(43) 12.08.2021
(72) BARATTA, Anthony
(74) Adams Pluck
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- (71) Battelle Memorial Institute
(11) AU-A-2021215843
(21) 2021215843 (22) 01.02.2021
(54) Systems and methods for separating yttrium and strontium
(51) Int. Cl.
C22B 3/06 (2006.01)
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(31) 16/780,397 (32) 03.02.20 (33) US
(43) 12.08.2021
(72) O'HARA, Matthew J.
(74) PIPERS

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| <p>(71) Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft (11) AU-A-2021217749 (21) 2021217749 (22) 01.02.2021 (54) P450 BM3 monooxygenase variants for C19-hydroxylation of steroids (51) Int. Cl. C12N 9/02 (2006.01) C12P 7/22 (2006.01) (87) WO2021/156200 (31) 20155122.3 (32) 03.02.20 (33) EP (43) 12.08.2021 (72) KENSCH, Oliver; THEDE, Kai; HELFRICH, Petra; SKALDEN, Lilly; ZORN, Ludwig; TRENNER, Sabine; BURMEISTER, Jens; KRETSCHMANN, Nils; RICHTER, Florian; COCO, Wayne; LUDWIG, Marcus; BULUT, Dalia; BERENDES, Frank; PILLING, Jens; WAGNER, Jakob; LINNHOFF, Ruben (74) Griffith Hack</p> | <p>(31) 62/959,068 17/127,660 (32) 09.01.20 18.12.20 (33) US US (43) 15.07.2021 (72) BURKHOLZ, Jonathan Karl; MA, Yiping (74) FB Rice Pty Ltd</p> | <p>(43) 29.07.2021 (72) SHORT, Jay M.; FREY, Gerhard; CHANG, Hwai Wen (74) ALLENS PATENT & TRADE MARK ATTORNEYS</p> |
| <p>(71) Bayer Oy (11) AU-A-2021209816 (21) 2021209816 (22) 20.01.2021 (54) An inserter for an intrauterine system with a locking part (51) Int. Cl. A61F 6/14 (2006.01) A61F 6/18 (2006.01) (87) WO2021/148443 (31) 20153509.3 (32) 24.01.20 (33) EP (43) 29.07.2021 (72) TJÄDER, Taina; STOLT, Mikael; SALO, Heikki; KAUTTO, Mira; ALLEN, Marina; LAAKSONEN, Kimmo; RISKI, Jari; PERÄLÄ, Petri (74) Davies Collison Cave Pty Ltd</p> | <p>(71) Becton, Dickinson and Company (11) AU-A-2020420675 (21) 2020420675 (22) 22.12.2020 (54) Flush instrument with blood exposure protection and related methods (51) Int. Cl. A61M 25/09 (2006.01) (87) WO2021/141774 (31) 62/959,050 17/127,588 (32) 09.01.20 18.12.20 (33) US US (43) 15.07.2021 (72) SCHERICH, Megan; BLANCHARD, Curtis H.; MA, Yiping; HARDING, Weston F.; BURKHOLZ, Jonathan Karl (74) FB Rice Pty Ltd</p> | <p>(71) BioNTech SE (11) AU-A-2021217534 (21) 2021217534 (22) 02.02.2021 (54) Treatment involving antigen vaccination and binding agents binding to PD-L1 and CD137 (51) Int. Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) (87) WO2021/156258 (31) PCT/EP2020/052774 (32) 04.02.20 (33) EP (43) 12.08.2021 (72) SAHIN, Ugur; MUIK, Alexander; KRANZ, Lena; VORMEHR, Mathias (74) PHILLIPS ORMONDE FITZPATRICK</p> |
| <p>(71) Bayer Oy (11) AU-A-2021211118 (21) 2021211118 (22) 20.01.2021 (54) An intrauterine system with a locking part (51) Int. Cl. A61F 6/14 (2006.01) A61F 6/18 (2006.01) (87) WO2021/148442 (31) 20153502.8 (32) 24.01.20 (33) EP (43) 29.07.2021 (72) STOLT, Mikael; TJÄDER, Taina; TALLING, Christine; HAKALA, Risto; SALO, Heikki; KAUTTO, Mira; ALLEN, Marina; RISKI, Jari; PERÄLÄ, Petri (74) Davies Collison Cave Pty Ltd</p> | <p>(71) Beta Pharma, Inc. (11) AU-A-2021207450 (21) 2021207450 (22) 12.01.2021 (54) Pyridazine and 1,2,4-triazine derivatives as FGFR kinase inhibitors (51) Int. Cl. A61K 31/426 (2006.01) A61K 31/427 (2006.01) A61K 31/428 (2006.01) (87) WO2021/146163 (31) 62/962,396 22.07.2021 (32) 17.01.20 (33) US US (43) 22.07.2021 (72) ZHANG, Don; PENG, Jirong; COSTANZO, Michael John; GREEN, Michael Alan; GRECO, Michael Nicholas (74) Spruson & Ferguson</p> | <p>(71) Birkestrand, O. (11) AU-A-2021227962 (21) 2021227962 (22) 26.02.2021 (54) Toroidal lift force engine (51) Int. Cl. F03D 1/06 (2006.01) (87) WO2021/174011 (31) 62/982,421 (32) 27.02.20 (33) US (43) 02.09.2021 (72) BIRKESTRAND, Orville J. (74) PHILLIPS ORMONDE FITZPATRICK</p> |
| <p>(71) Becton, Dickinson and Company (11) AU-A-2020420672 (21) 2020420672 (22) 21.12.2020 (54) Extension set for improving patency of a vascular access device (51) Int. Cl. A61B 5/154 (2006.01) A61M 25/01 (2006.01) (87) WO2021/141765</p> | <p>(71) BioAtla, Inc. (11) AU-A-2021210412 (21) 2021210412 (22) 22.01.2021 (54) Conditionally active anti-HER2 antibodies, antibody fragments their immunoconjugates and uses thereof (51) Int. Cl. C07K 16/32 (2006.01) A61K 39/00 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) G01N 33/68 (2006.01) (87) WO2021/151020 (31) 62/964,747 (32) 23.01.20 (33) US</p> | <p>(71) BNSF Railway Company (11) AU-A-2021235491 (21) 2021235491 (22) 25.02.2021 (54) Systems and methods for calibrating image capturing modules (51) Int. Cl. H04N 17/00 (2006.01) (87) WO2021/183289 (31) 16/816,525 (32) 12.03.20 (33) US (43) 16.09.2021 (72) KRUEGER, Darrell R.; SMITLEY, Garrett (74) Houlihan2 Pty Ltd</p> |
| <p>(71) BNSF Railway Company (11) AU-A-2021241395 (21) 2021241395 (22) 11.03.2021 (54) Systems and methods for scheduling track maintenance (51) Int. Cl. B61L 27/00 (2006.01) G06Q 10/00 (2012.01) G06Q 10/06 (2012.01) (87) WO2021/194751 (31) 16/830,054 (32) 25.03.20 (33) US (43) 30.09.2021 (72) SMITH, Mitchel Jeffrey-Roy; CLARK, Daniel Phillip; LEWIN, Karl; GARZA,</p> | <p>(71) BNSF Railway Company (11) AU-A-2021241395 (21) 2021241395 (22) 11.03.2021 (54) Systems and methods for scheduling track maintenance (51) Int. Cl. B61L 27/00 (2006.01) G06Q 10/00 (2012.01) G06Q 10/06 (2012.01) (87) WO2021/194751 (31) 16/830,054 (32) 25.03.20 (33) US (43) 30.09.2021 (72) SMITH, Mitchel Jeffrey-Roy; CLARK, Daniel Phillip; LEWIN, Karl; GARZA,</p> | <p>(71) BNSF Railway Company (11) AU-A-2021241395 (21) 2021241395 (22) 11.03.2021 (54) Systems and methods for scheduling track maintenance (51) Int. Cl. B61L 27/00 (2006.01) G06Q 10/00 (2012.01) G06Q 10/06 (2012.01) (87) WO2021/194751 (31) 16/830,054 (32) 25.03.20 (33) US (43) 30.09.2021 (72) SMITH, Mitchel Jeffrey-Roy; CLARK, Daniel Phillip; LEWIN, Karl; GARZA,</p> |

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

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(74) Houlihan2 Pty Ltd
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(54) Systems and methods for identifying potential deficiencies in railway environment objects
(51) Int. Cl.
B61L 23/04 (2006.01)
B61L 15/00 (2006.01)
B61L 27/00 (2006.01)
(87) WO2021/194744
(31) 16/827,238 (32) 23.03.20 (33) US
(43) 30.09.2021
(72) MORGART, Dennis William; MCBAIN, Joshua John; PASTA, Corey Tremain; RATLEDGE, Aaron Thomas
(74) Houlihan2 Pty Ltd
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- (71) Board of Trustees of Michigan State University
(11) AU-A-2021210856
(21) 2021210856 (22) 19.01.2021
(54) High-performance near-infrared harvesting transparent luminescent solar concentrators
(51) Int. Cl.
H01L 31/055 (2014.01)
F24S 23/00 (2018.01)
G02B 6/00 (2006.01)
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(31) 62/963,455 (32) 20.01.20 (33) US
(43) 29.07.2021
(72) LUNT III, Richard R.; YANG, Chenchen; BORHAN, Babak; MOEMENI, Mehdi; BATES, Matthew
(74) Houlihan2 Pty Ltd
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- (71) Body Vision Medical Ltd.
(11) AU-A-2021211197
(21) 2021211197 (22) 25.01.2021
(54) Methods and systems for using multi view pose estimation
(51) Int. Cl.
G06K 9/00 (2006.01)
A63F 13/25 (2014.01)
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(31) 62/965,628 (32) 24.01.20 (33) US
(43) 29.07.2021
(72) SEZGANOV, Dima; AMIT, Tomer
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- (71) Bolts One Co., Ltd.
(11) AU-A-2020448169
(21) 2020448169 (22) 30.06.2020
(54) Bolt having opening
(51) Int. Cl.
F16B 35/06 (2006.01)
F16B 23/00 (2006.01)
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(31) 10-2020-0055616 (32) 11.05.20 (33) KR
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- (43) 18.11.2021
(72) IM, Chang Gi
(74) H & H Lawyers
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- (71) Boston Scientific Neuromodulation Corporation
(11) AU-A-2021224565
(21) 2021224565 (22) 17.02.2021
(54) Methods and systems for treatment of insomnia using deep brain stimulation
(51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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(43) 26.08.2021
(72) SUBRAMANIAN, Hari Hara
(74) Spruson & Ferguson
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- (71) Boston Scientific Scimed, Inc.
(11) AU-A-2021215985
(21) 2021215985 (22) 02.02.2021
(54) Stent, mandrel, and method for forming a stent with anti-migration features
(51) Int. Cl.
A61F 2/848 (2013.01)
A61F 2/90 (2013.01)
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(43) 12.08.2021
(72) FOLAN, Martyn G.
(74) Spruson & Ferguson
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- (71) Boston Scientific Scimed, Inc.
(11) AU-A-2021217962
(21) 2021217962 (22) 03.02.2021
(54) Rotatable medical device
(51) Int. Cl.
A61B 1/00 (2006.01)
A61B 1/012 (2006.01)
A61B 1/267 (2006.01)
(87) WO2021/158643
(31) 62/969,925 (32) 04.02.20 (33) US
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(72) GRAY, Jeff; WALES, Ryan; BRECHBIEL, Scott; SMITH, Paul; MANSFIELD, Richard
(74) Spruson & Ferguson
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- (71) Breville Pty Limited
(11) AU-A-2021213022
(21) 2021213022 (22) 28.01.2021
(54) A toaster
(51) Int. Cl.
A47J 37/08 (2006.01)
F24C 7/06 (2006.01)
G01J 5/00 (2006.01)
G01J 5/10 (2006.01)
H05B 1/02 (2006.01)
H05B 3/00 (2006.01)
H05B 3/06 (2006.01)
(87) WO2021/151147
(31) 2020900250 (32) 30.01.20 (33) AU
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- (43) 05.08.2021
(72) MCCLEAN, Stephen John; THIE, Johnson; HELLMERS, Duncan Bruce; TOFAILI, Ali; DOVER, Alastair Leonard
(74) GLMR
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- (71) Bristol-Myers Squibb Company
(11) AU-A-2020412472
(21) 2020412472 (22) 22.12.2020
(54) Substituted heteroaryl compounds useful as T cell activators
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/496 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
(87) WO2021/133752
(31) 201911053558 (32) 23.12.19 (33) IN
(43) 01.07.2021
(72) VELAPARTHI, Upender; DARNE, Chetan Padmakar; OLSON, Richard E.; JALAGAM, Prasada Rao; WARRIER, Jayakumar Sankara
(74) AJ PARK
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- (71) Bristol-Myers Squibb Company
(11) AU-A-2020412615
(21) 2020412615 (22) 22.12.2020
(54) Substituted bicyclic piperidine derivatives useful as T cell activators
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
(87) WO2021/133750
(31) 201911053552 (32) 23.12.19 (33) IN
(43) 01.07.2021
(72) GENTLES, Robert G.; VELAPARTHI, Upender; DING, Min; OLSON, Richard E.; MARTIN, Scott W.; ROY, Saumya; JALAGAM, Prasada Rao; WARRIER, Jayakumar Sankara; CHUPAK, Louis; GRUNENFELDER, Denise
(74) AJ PARK
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- (71) Bristol-Myers Squibb Company
(11) AU-A-2020412698
(21) 2020412698 (22) 22.12.2020
(54) Substituted piperazine derivatives useful as T cell activators
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
(87) WO2021/133749
(31) 201911053559 (32) 23.12.19 (33) IN
(43) 01.07.2021
(72) VELAPARTHI, Upender; DARNE, Chetan Padmakar; OLSON, Richard E.; WARRIER, Jayakumar Sankara
(74) AJ PARK

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

(71) Bristol-Myers Squibb Company
 (11) AU-A-2020414688
 (21) 2020414688 (22) 22.12.2020
 (54) Substituted quinolinonyl piperazine compounds useful as T cell activators
 (51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/4709 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2021/133748
 (31) 201911053557 (32) 23.12.19 (33) IN
 (43) 01.07.2021
 (72) CHUPAK, Louis S.; OLSON, Richard E.; VELAPARTHI, Upender; ZHENG, Xiaofan; GENTLES, Robert G.; DING, Min; WARRIER, Jayakumar Sankara
 (74) AJ PARK

(71) Bristol-Myers Squibb Company
 (11) AU-A-2020415377
 (21) 2020415377 (22) 22.12.2020
 (54) Substituted quinazolinyl compounds useful as T cell activators
 (51) Int. Cl.
C07D 403/04 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2021/133751
 (31) 201911053553 (32) 23.12.19 (33) IN
 (43) 01.07.2021
 (72) VELAPARTHI, Upender; OLSON, Richard E.; WARRIER, Jayakumar Sankara; RAHAMAN, Hasibur
 (74) AJ PARK

(71) Burndy, LLC
 (11) AU-A-2021210975
 (21) 2021210975 (22) 22.01.2021
 (54) Wedge cable connector
 (51) Int. Cl.
H01R 4/50 (2006.01)
F16G 11/04 (2006.01)
H01R 4/00 (2006.01)
H01R 4/24 (2018.01)
H01R 4/28 (2006.01)
H01R 4/30 (2006.01)
H01R 4/38 (2006.01)
 (87) WO2021/150986
 (31) 62/964,506 (32) 22.01.20 (33) US
 (43) 29.07.2021
 (72) JUSHCHYSHYN, Jeremy; POLIDORI, Nicholas; BUCCIERO, Michael Anthony
 (74) Eagar & Associates Pty Ltd

(71) Burndy, LLC
 (11) AU-A-2021212177
 (21) 2021212177 (22) 28.01.2021
 (54) Cover and locking member for electrical devices
 (51) Int. Cl.
H01R 13/516 (2006.01)
F16B 21/18 (2006.01)
G09F 3/03 (2006.01)
H01R 13/52 (2006.01)
H01R 13/639 (2006.01)
H01R 33/97 (2006.01)
 (87) WO2021/155049
 (31) 62/966,880 (32) 28.01.20 (33) US

(43) 05.08.2021
 (72) JUSHCHYSHYN, Jeremy; BUCCIERO, Michael Anthony; POLIDORI, Nicholas
 (74) Eagar & Associates Pty Ltd

(71) Cambridge Enterprise Limited
 (11) AU-A-2021208674
 (21) 2021208674 (22) 13.01.2021
 (54) A holographic sensor
 (51) Int. Cl.
G01N 21/45 (2006.01)
G01N 21/77 (2006.01)
G01N 21/78 (2006.01)
 (87) WO2021/144563
 (31) 2000475.0 (32) 13.01.20 (33) GB
 (43) 22.07.2021
 (72) KHALILI MOGHADDAM, Gita; LOWE, Christopher Robin; BLYTH, Jeffrey
 (74) FB Rice Pty Ltd

(71) Cannadol Pharmaceuticals Ltd
 (11) AU-A-2020412501
 (21) 2020412501 (22) 24.12.2020
 (54) Compositions comprising terpenes and their use in the treatment or alleviation of pain or anxiety
 (51) Int. Cl.
A61K 31/01 (2006.01)
A61K 9/48 (2006.01)
A61K 31/015 (2006.01)
A61K 31/045 (2006.01)
A61K 47/44 (2017.01)
A61P 25/22 (2006.01)
A61P 29/02 (2006.01)
 (87) WO2021/127749
 (31) 2019904940 (32) 24.12.19 (33) AU
 (43) 01.07.2021
 (72) MADDEN, Philip
 (74) Spruson & Ferguson

(71) CareFusion 303, Inc.
 (11) AU-A-2021207591
 (21) 2021207591 (22) 12.01.2021
 (54) Needleless connector having check valve with concave flow surface
 (51) Int. Cl.
A61M 39/26 (2006.01)
A61M 39/10 (2006.01)
 (87) WO2021/146216
 (31) 16/745,220 (32) 16.01.20 (33) US
 (43) 22.07.2021
 (72) FEITH, Raymond P.; KIPP, Randy; SHAMS KOPAYE, Adel
 (74) FB Rice Pty Ltd

(71) CareFusion 303, Inc.
 (11) AU-A-2021209859
 (21) 2021209859 (22) 19.01.2021
 (54) Method and system for modular connections with electrical components
 (51) Int. Cl.
A61M 5/14 (2006.01)
A61M 5/172 (2006.01)
H01R 13/24 (2006.01)
H01R 13/52 (2006.01)
H01R 13/627 (2006.01)
H01R 13/70 (2006.01)

H01R 13/74 (2006.01)
H01R 13/641 (2006.01)
 (87) WO2021/150523
 (31) 62/963,963 (32) 21.01.20 (33) US
 (43) 29.07.2021
 (72) BORGES, Gregory; GOVEA, Daniel; DODGE, Roman; KIMM, Daniel
 (74) FB Rice Pty Ltd

(71) Caterpillar Inc.
 (11) AU-A-2020424076
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 (54) Bolt retention assembly with extended travel for a work tool
 (51) Int. Cl.
E02F 9/28 (2006.01)
 (87) WO2021/150351
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 (72) BJERKE, Nathan R.
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Track shoe with wear resistant grouser
 (51) Int. Cl.
B62D 55/28 (2006.01)
B62D 55/21 (2006.01)
 (87) WO2021/150352
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 (72) PREST, Paul
 (74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Inc.
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 (54) Noise based settling detection for an implement of a work machine
 (51) Int. Cl.
E02F 3/84 (2006.01)
E02F 9/26 (2006.01)
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 (72) SHARMA, Amit
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Method of calibration of an implement of a work machine
 (51) Int. Cl.
E02F 9/26 (2006.01)
E02F 3/84 (2006.01)
G01B 21/04 (2006.01)
 (87) WO2021/150533
 (31) 16/748,503 (32) 21.01.20 (33) US
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(54) Implement travel prediction for a work machine
(51) Int. Cl.
E02F 9/22 (2006.01)
E02F 3/76 (2006.01)
F15B 11/02 (2006.01)
G05B 19/02 (2006.01)
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(54) Retention system for a line on a spool
(51) Int. Cl.
E02F 3/60 (2006.01)
E02F 3/47 (2006.01)
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(31) 16/749,542 (32) 22.01.20 (33) US
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(54) Methods and systems for guiding mission planning in a machine system
(51) Int. Cl.
E02F 3/84 (2006.01)
E02F 9/20 (2006.01)
G05D 1/00 (2006.01)
G05D 1/02 (2020.01)
G06Q 50/08 (2012.01)
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E02F 3/36 (2006.01)
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A61K 31/722 (2006.01)
A61K 38/17 (2006.01)
A61P 37/02 (2006.01)
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A23K 20/111 (2016.01)
A23K 20/137 (2016.01)
A23K 50/10 (2016.01)
A61K 31/48 (2006.01)
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(51) Int. Cl.
A01K 61/70 (2017.01)
A01K 61/00 (2017.01)
A01K 61/90 (2017.01)
A01K 63/00 (2017.01)
B25J 9/02 (2006.01)
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(54) Crystal of PDE3/PDE4 dual inhibitor and use thereof
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61P 11/08 (2006.01)
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A61K 9/72 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61P 11/08 (2006.01)
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G01N 33/80 (2006.01)
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(51) Int. Cl.
C12N 5/10 (2006.01)
C12N 15/86 (2006.01)
C12N 15/863 (2006.01)
C12Q 1/68 (2018.01)
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A23L 3/3571 (2006.01)

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A23L 29/269 (2016.01)
C12N 9/36 (2006.01)
C12N 15/81 (2006.01)
C12P 19/06 (2006.01)
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(54) Closure with wood filler
(51) Int. Cl.
B65D 41/32 (2006.01)
B65D 41/34 (2006.01)
B65D 47/08 (2006.01)
B65D 55/16 (2006.01)
B65D 65/46 (2006.01)
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(51) Int. Cl.
H01R 9/05 (2006.01)
H02G 3/06 (2006.01)
H02G 15/013 (2006.01)
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(51) Int. Cl.
A61K 39/12 (2006.01)
A61K 39/145 (2006.01)
A61P 31/16 (2006.01)
C07K 7/06 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/86 (2006.01)
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H01L 31/054 (2014.01)
H01L 31/02 (2006.01)
H01L 31/0236 (2006.01)
H01L 31/048 (2014.01)
H02S 20/26 (2014.01)
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A61K 39/215 (2006.01)
(87) WO2021/154828
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(74) FPA Patent Attorneys Pty Ltd
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(54) Preparation of halogenated alkoxyethane
(51) Int. Cl.
C07C 41/01 (2006.01)
B01J 19/18 (2006.01)
B01J 23/04 (2006.01)
B01J 35/12 (2006.01)
C07C 41/06 (2006.01)
C07C 41/38 (2006.01)
C07C 43/12 (2006.01)
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(54) Preparation of halogenated alkoxyethane
(51) Int. Cl.
C07C 41/06 (2006.01)
B01J 19/18 (2006.01)
B01J 23/04 (2006.01)
B01J 35/12 (2006.01)
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C07C 43/12 (2006.01)
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(21) 2021216452 **(22)** 05.02.2021
(54) DI metal transaction devices and processes for the manufacture thereof
(51) Int. Cl.
G06K 19/077 (2006.01)
G06K 19/02 (2006.01)
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(54) Application of pathogenicity model and training thereof
(51) Int. Cl.
G16B 20/20 (2019.01)
G16B 40/20 (2019.01)
(87) WO2021/144578
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(74) Dentons Patent Attorneys Australasia Limited
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(51) Int. Cl.
G16B 20/20 (2019.01)
G16B 40/20 (2019.01)
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A61B 5/11 (2006.01)
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H01M 50/148 (2021.01)
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 (54) Three-dimensional tortuous path flow element for control valves
 (51) Int. Cl.
F16K 47/08 (2006.01)
F16K 47/04 (2006.01)
F16K 47/14 (2006.01)
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 (51) Int. Cl.
F16K 47/14 (2006.01)
F16K 5/06 (2006.01)
F16K 5/10 (2006.01)
F16K 5/12 (2006.01)
F16K 47/00 (2006.01)
F16K 47/02 (2006.01)
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 (54) Flow-aid compositions
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C05G 3/30 (2020.01)
C05G 3/60 (2020.01)
C05G 5/30 (2020.01)
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 (51) Int. Cl.
A61K 8/73 (2006.01)
A61Q 1/08 (2006.01)
A61Q 1/10 (2006.01)
A61Q 1/12 (2006.01)
A61Q 5/02 (2006.01)
A61Q 5/12 (2006.01)
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A23L 29/00 (2016.01)
A61K 35/742 (2015.01)
C12N 1/04 (2006.01)
C12N 1/20 (2006.01)
C12Q 1/02 (2006.01)
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 (54) Nontoxic coating concentrates for agricultural uses
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A01C 1/06 (2006.01)
A01N 25/24 (2006.01)
A01N 25/32 (2006.01)
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 (54) Tracking transportation for hands-free gate
 (51) Int. Cl.
G06Q 50/30 (2012.01)
G07C 9/28 (2020.01)
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 (51) Int. Cl.
B01D 61/08 (2006.01)
E03C 1/10 (2006.01)
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 (54) Cell isolation device and method
 (51) Int. Cl.
C12M 1/00 (2006.01)
A61B 10/00 (2006.01)
C12N 5/07 (2010.01)
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 (54) Heat pump system and controller for controlling operation of the same
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F25B 49/02 (2006.01)
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C07D 403/14 (2006.01)
A61K 31/506 (2006.01)
A61P 25/28 (2006.01)
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A61P 35/00 (2006.01)
C07D 417/14 (2006.01)
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A61K 31/10 (2006.01)
A61P 17/02 (2006.01)
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A61F 2/30 (2006.01)
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H04W 88/16 (2009.01)
H04L 1/16 (2006.01)
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C02F 5/12 (2006.01)
C07D 235/12 (2006.01)
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C07D 235/30 (2006.01)
C07D 401/04 (2006.01)
C23F 11/14 (2006.01)
C23F 11/173 (2006.01)
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B60Q 1/26 (2006.01)
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A61K 38/00 (2006.01)
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A61B 90/00 (2016.01)
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(54) Method for producing an emulsion-based fat powder to manufacture a food product
(51) Int. Cl.
A23D 9/007 (2006.01)
A23D 9/05 (2006.01)
A23J 3/22 (2006.01)
A23L 5/40 (2016.01)
A23L 35/00 (2016.01)
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G08B 17/00 (2006.01)
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H01L 35/28 (2006.01)
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C12N 1/20 (2006.01)
A61K 35/66 (2015.01)
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A23L 33/135 (2016.01)
A21D 8/04 (2006.01)
A21D 13/066 (2017.01)
A23L 5/20 (2016.01)
A23L 7/104 (2016.01)
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A61K 38/48 (2006.01)
A61P 1/14 (2006.01)
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A61K 31/357 (2006.01)
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A61K 31/4192 (2006.01)
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(21) 2021218905 **(22)** 10.02.2021
(54) Method for enhanced determination of analyte concentration in bodily fluid
(51) Int. Cl.
G01N 21/78 (2006.01)
G01N 21/29 (2006.01)
G01N 33/487 (2006.01)
G01N 33/52 (2006.01)
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- (51) Int. Cl.
G01N 27/327 (2006.01)
A61B 5/1468 (2006.01)
A61B 5/1486 (2006.01)
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(31) 20162941.7 (32) 13.03.20 (33) EP
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(54) Hearing protection apparatus with contextual audio generation, communication device, and related methods
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H04R 1/10 (2006.01)
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A61F 11/06 (2006.01)
G01S 3/808 (2006.01)
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(54) Rapid-entry footwear having rotatable straps
- (51) Int. Cl.
A43B 11/00 (2006.01)
A43B 3/12 (2006.01)
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B01D 53/00 (2006.01)
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E05B 65/48 (2006.01)
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H02B 1/40 (2006.01)
H05K 5/02 (2006.01)
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A61B 5/00 (2006.01)
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(54) Impact device
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E01F 15/14 (2006.01)
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E04H 17/10 (2006.01)
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(54) Iron control as part of a well treatment using time-released agents
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C09K 8/528 (2006.01)
C09K 8/536 (2006.01)
C09K 8/70 (2006.01)
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C09K 8/528 (2006.01)
C09K 8/536 (2006.01)
C09K 8/70 (2006.01)
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G01S 5/16 (2006.01)
G01S 7/48 (2006.01)
G08G 5/00 (2006.01)
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G01S 5/00 (2006.01)
G01S 5/02 (2010.01)
G01S 5/18 (2006.01)
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(54) Vertical cable barrier having rails with internal cable fitting engagement features
- (51) Int. Cl.
E04H 17/04 (2006.01)
E04H 17/06 (2006.01)
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(54) Method of determining an optical path-length through a cuvette
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G01N 21/27 (2006.01)
G01N 21/03 (2006.01)
- (87) WO2021/144630
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(54) Hydrodynamic focusing device
(51) Int. Cl.
G01N 15/14 (2006.01)
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Carro
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(21) 2020426848 (22) 31.01.2020
(54) Treatment of multiphase hydrocarbon-containing fluid in oil and/or gas production
(51) Int. Cl.
E21B 43/34 (2006.01)
B01D 17/02 (2006.01)
E21B 43/40 (2006.01)
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G03B 21/14 (2006.01)
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(54) Food management system
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G06Q 30/00 (2012.01)
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A61G 7/10 (2006.01)
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(54) Dual motor single axis solar tracker
(51) Int. Cl.
F24S 30/425 (2018.01)
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F24S 30/40 (2018.01)
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H02S 20/32 (2014.01)
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(51) Int. Cl.
C09K 8/035 (2006.01)
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C09K 8/32 (2006.01)
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(31) 17/175,116 (32) 12.02.21 (33) US
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(54) Animal-free dietary collagen
(51) Int. Cl.
C07K 14/78 (2006.01)
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(51) Int. Cl.
A61P 1/00 (2006.01)
A61P 11/00 (2006.01)
A61P 37/06 (2006.01)
C07K 16/22 (2006.01)
C12Q 1/68 (2018.01)
- G01N 33/53 (2006.01)
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(51) Int. Cl.
C07K 16/28 (2006.01)
C12N 9/12 (2006.01)
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(54) Antibodies for use in therapy
(51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
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(54) Antibodies binding to B7H4
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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(54) Binder compositions and composite
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C08L 61/06 (2006.01)
C08K 5/19 (2006.01)
C08K 5/21 (2006.01)
C08L 61/24 (2006.01)
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C07F 9/6561 (2006.01)
A61K 31/706 (2006.01)
A61P 31/12 (2006.01)
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C07D 519/00 (2006.01)
A01N 43/00 (2006.01)
C07D 498/04 (2006.01)
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(54) Improved electrowinning cell
(51) Int. Cl.
C25C 1/20 (2006.01)
C25C 7/02 (2006.01)
C25C 7/04 (2006.01)
C25C 7/06 (2006.01)
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C12N 5/071 (2010.01)
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(74) FPA Patent Attorneys Pty Ltd

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E21B 43/20 (2006.01)
C09K 8/035 (2006.01)
C09K 8/04 (2006.01)
E21B 43/26 (2006.01)
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(51) Int. Cl.
E21B 47/12 (2012.01)
E21B 21/08 (2006.01)
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(72) WANG, Ziquan
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E21B 34/14 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/519 (2006.01)
C07D 498/14 (2006.01)
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A61P 35/00 (2006.01)
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A63B 21/062 (2006.01)
G06C 15/04 (2006.01)
G06D 3/00 (2006.01)
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(21) 2021211390 (22) 25.01.2021
(54) Wall hanging kit
(51) Int. Cl.
A47G 1/16 (2006.01)
A47G 1/22 (2006.01)
F16B 45/00 (2006.01)
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(72) MILLER, Charlie; MILLER, Tom
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(54) Cleaning compositions comprising dispersins VI
(51) Int. Cl.
C11D 3/386 (2006.01)
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 (54) Cleaning compositions comprising dispersins VIII
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C11D 3/386 (2006.01)
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 (54) Cleaning composition comprising a dispersin and a carbohydrase
 (51) Int. Cl.
C11D 3/386 (2006.01)
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 (54) Disc-shaped sample chamber and probe including the same
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G01N 1/12 (2006.01)
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 (11) AU-A-2021206618
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 (54) Anti-TNFR2 antibody and uses thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 38/00 (2006.01)
A61K 39/00 (2006.01)
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(51) Int. Cl.
A61B 5/0205 (2006.01)
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
A61B 5/024 (2006.01)
A61B 5/08 (2006.01)
A61B 5/113 (2006.01)
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A61F 5/56 (2006.01)
A61C 5/00 (2017.01)
A61C 7/00 (2006.01)
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A61C 7/36 (2006.01)
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A61F 9/008 (2006.01)
A61B 18/20 (2006.01)
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B08B 1/00 (2006.01)
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H02P 5/46 (2006.01)
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H03K 5/156 (2006.01)
H04B 3/54 (2006.01)
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E05D 7/00 (2006.01)
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A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
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A61K 9/70 (2006.01)
A61K 31/381 (2006.01)
A61P 25/16 (2006.01)
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H02K 7/18 (2006.01)
F02C 6/00 (2006.01)
F02C 6/04 (2006.01)
F02C 6/06 (2006.01)
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H04N 21/466 (2011.01)
G06N 20/00 (2019.01)
H04N 21/442 (2011.01)
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A23K 10/30 (2016.01)
A23K 20/158 (2016.01)
A23K 20/163 (2016.01)
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E01B 27/17 (2006.01)
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A61B 17/06 (2006.01)
A61B 90/92 (2016.01)
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A61K 38/20 (2006.01)
A61P 37/02 (2006.01)
C07K 14/54 (2006.01)
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G01R 27/18 (2006.01)
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C02F 1/00 (2006.01)
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B01D 25/133 (2006.01)
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 (51) Int. Cl.
H02K 5/173 (2006.01)
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F24F 1/38 (2011.01)
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A61P 11/00 (2006.01)
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 (54) Plant regulatory elements and uses thereof
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C12N 15/113 (2010.01)
C12N 15/82 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7125 (2006.01)
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C12Q 1/68 (2018.01)
G01N 21/64 (2006.01)
G01N 33/483 (2006.01)
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 (54) Formula with galactomannan gum and non digestible oligosaccharides
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A23L 29/244 (2016.01)
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E05B 49/00 (2006.01)
G06T 7/70 (2017.01)
G07C 9/00 (2020.01)
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(72) MURATA Kazuhito
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G06T 7/00 (2017.01)
G06F 21/32 (2013.01)
G06F 21/62 (2013.01)
H04N 5/232 (2006.01)
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A63F 13/213 (2014.01)
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A63F 13/216 (2014.01)
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G06T 5/50 (2006.01)
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A24D 1/20 (2020.01)
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A61K 47/62 (2017.01)
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C07K 7/08 (2006.01)
C07K 14/16 (2006.01)
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C07K 14/165 (2006.01)
C07K 16/10 (2006.01)
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F04D 29/44 (2006.01)
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F04D 29/44 (2006.01)
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F16K 15/08 (2006.01)
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B32B 13/00 (2006.01)
B28B 1/00 (2006.01)
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B32B 5/10 (2006.01)
B32B 5/26 (2006.01)
B32B 7/04 (2019.01)
B32B 7/08 (2019.01)
B32B 13/04 (2006.01)
B32B 13/14 (2006.01)
B32B 15/02 (2006.01)
B32B 15/06 (2006.01)
B32B 15/10 (2006.01)
B32B 15/12 (2006.01)
B32B 15/18 (2006.01)
B33Y 70/00 (2020.01)
B33Y 70/10 (2020.01)
C04B 28/00 (2006.01)
C04B 28/06 (2006.01)
E04C 2/04 (2006.01)
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E04C 3/20 (2006.01)
E04G 21/04 (2006.01)
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B32B 5/02 (2006.01)
B28B 1/00 (2006.01)
B32B 5/26 (2006.01)
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B32B 7/08 (2019.01)
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B33Y 70/00 (2020.01)
C04B 28/06 (2006.01)
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G01N 21/51 (2006.01)
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H02H 5/12 (2006.01)
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C07C 235/64 (2006.01)
A61K 31/196 (2006.01)

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C07C 66/00 (2006.01)
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C07D 213/79 (2006.01)
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A61F 2/24 (2006.01)
A61B 17/04 (2006.01)
A61B 18/24 (2006.01)
A61F 2/06 (2013.01)
A61F 2/82 (2013.01)
A61F 2/90 (2013.01)
A61F 2/95 (2013.01)
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G06K 9/62 (2006.01)
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A61K 31/132 (2006.01)
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C07C 215/06 (2006.01)
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A01K 59/00 (2006.01)
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C07D 491/22 (2006.01)
A61K 31/7056 (2006.01)
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A61K 35/74 (2015.01)
A61K 9/48 (2006.01)
A61K 35/742 (2015.01)
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A61P 7/00 (2006.01)
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C07K 14/245 (2006.01)
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(54) Grape skin compositions and compounds, and methods of preparation and use therefor
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C12F 3/06 (2006.01)
C12C 3/00 (2006.01)
C12C 5/00 (2006.01)
C12G 1/02 (2006.01)
C12G 3/06 (2006.01)
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(51) Int. Cl.
A61N 5/10 (2006.01)
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 63/017,840 30.04.20 US
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G01N 1/40 (2006.01)
G01N 1/38 (2006.01)
G01N 9/00 (2006.01)
G01N 33/24 (2006.01)
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 (54) Agricultural sampling system and related methods
 (51) Int. Cl.
G01N 1/38 (2006.01)
G01N 1/40 (2006.01)
G01N 9/00 (2006.01)
G01N 33/24 (2006.01)
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 (21) 2021263134 (22) 07.04.2021
 (54) Slurry filter assembly
 (51) Int. Cl.
A01B 79/00 (2006.01)
B01D 29/33 (2006.01)
B01D 29/66 (2006.01)
G01N 1/40 (2006.01)
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 (11) AU-A-2021264049
 (21) 2021264049 (22) 07.04.2021
 (54) Multiplexed pneumatic control air system for slurry filtration
 (51) Int. Cl.
A01B 79/00 (2006.01)
B01D 29/33 (2006.01)
B01D 29/66 (2006.01)
F04B 43/00 (2006.01)
F04B 43/02 (2006.01)
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G01N 1/40 (2006.01)
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 (11) AU-A-2021265294
 (21) 2021265294 (22) 07.04.2021
 (54) Microfluidic processing system and method of agricultural slurry
 (51) Int. Cl.
G01N 1/04 (2006.01)
A01B 49/02 (2006.01)
A01B 79/00 (2006.01)
A01C 21/00 (2006.01)
B01D 29/33 (2006.01)
B01D 29/66 (2006.01)
F04B 43/00 (2006.01)
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F04B 43/06 (2006.01)
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G01N 1/08 (2006.01)
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 (11) AU-A-2021275615
 (21) 2021275615 (22) 10.05.2021
 (54) Reversible seed trench appurtenance assembly
 (51) Int. Cl.
A01C 5/06 (2006.01)
A01C 7/20 (2006.01)
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 (43) 25.11.2021
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 (51) Int. Cl.
G02C 7/04 (2006.01)
A61F 9/013 (2006.01)
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A61B 34/30 (2016.01)
A61B 10/02 (2006.01)
A61B 90/00 (2016.01)
A61F 2/82 (2013.01)
A61N 5/10 (2006.01)
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A61K 31/519 (2006.01)
A61K 31/198 (2006.01)
A61P 25/16 (2006.01)
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H01M 10/613 (2014.01)
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C07D 239/22 (2006.01)
A01N 43/54 (2006.01)
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C07D 409/10 (2006.01)
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H02G 1/02 (2006.01)
B66D 1/36 (2006.01)
H02G 1/04 (2006.01)
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H02G 15/192 (2006.01)
B23K 20/06 (2006.01)
F16L 11/127 (2006.01)
F16L 53/00 (2018.01)
G10K 11/175 (2006.01)
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G06F 21/00 (2013.01)
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A61K 9/08 (2006.01)
A61K 31/765 (2006.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
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A61P 35/00 (2006.01)
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A47J 31/06 (2006.01)
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B65B 25/02 (2006.01)
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C07K 16/46 (2006.01)
A61K 38/20 (2006.01)
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A61K 39/12 (2006.01)
A61K 39/39 (2006.01)
A61P 31/14 (2006.01)
A61P 31/20 (2006.01)
A61P 35/00 (2006.01)
A61P 37/06 (2006.01)
C07K 14/54 (2006.01)
C07K 14/705 (2006.01)
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G01N 33/58 (2006.01)
C07K 1/26 (2006.01)
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G01N 33/68 (2006.01)
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C12N 9/14 (2006.01)
C12N 15/11 (2006.01)
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(51) Int. Cl.
G01N 30/72 (2006.01)
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H01J 49/16 (2006.01)
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F26B 5/04 (2006.01)
F26B 5/06 (2006.01)
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A61K 39/395 (2006.01)
A61P 19/08 (2006.01)
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C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
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(54) Treatment of mucopolysaccharidosis II with recombinant human iduronate-2-sulfatase (IDS) produced by human neural or glial cells
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/00 (2006.01)
A61K 38/46 (2006.01)
A61K 45/06 (2006.01)
A61K 48/00 (2006.01)
A61P 3/00 (2006.01)
A61P 43/00 (2006.01)
C12N 9/16 (2006.01)
C12Q 1/34 (2006.01)
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(51) Int. Cl.
C07D 231/56 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/416 (2006.01)
A61K 31/454 (2006.01)
A61P 1/16 (2006.01)
A61P 3/00 (2006.01)
C07D 209/40 (2006.01)
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F24F 5/00 (2006.01)
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(54) Disinfectant cleaning compositions and methods of use thereof
(51) Int. Cl.
A01N 33/02 (2006.01)
A01N 25/30 (2006.01)
A01N 37/36 (2006.01)
A61L 2/025 (2006.01)
A61L 2/04 (2006.01)
A61L 2/10 (2006.01)
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B60C 7/10 (2006.01)
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B60C 11/03 (2006.01)
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(54) Method and device for operating a gas sensor
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G01N 33/00 (2006.01)
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H04M 11/04 (2006.01)
G08B 21/00 (2006.01)
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 (74) Patent Attorney Services

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G06Q 30/06 (2012.01)
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A61L 27/32 (2006.01)
A61L 31/08 (2006.01)
C09D 7/61 (2018.01)
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B22C 1/16 (2006.01)
B28B 1/00 (2006.01)
B28B 1/14 (2006.01)
C04B 14/06 (2006.01)
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 (54) Method and system for navigation
 (51) Int. Cl.
G01C 21/16 (2006.01)
G01S 19/00 (2010.01)
H04W 4/02 (2018.01)
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 (54) Video decoding method and apparatus for obtaining quantization parameter, and video encoding method and apparatus for transmitting quantization parameter
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H04N 19/124 (2014.01)
H04N 19/18 (2014.01)
H04N 19/186 (2014.01)
H04N 19/70 (2014.01)
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 (54) Wheel assembly for screening machine
 (51) Int. Cl.
B07B 1/42 (2006.01)
B06B 1/16 (2006.01)
B07B 1/44 (2006.01)
 (87) WO2021/151474
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 (54) Connection arrangement for a screening apparatus
 (51) Int. Cl.
B07B 1/42 (2006.01)
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C07K 16/28 (2006.01)
A61P 11/06 (2006.01)
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G01N 33/68 (2006.01)
C07K 14/14 (2006.01)
C12N 15/86 (2006.01)
G01N 30/72 (2006.01)
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 (54) Capsule for beverages
 (51) Int. Cl.
B65D 85/804 (2006.01)
 (87) WO2021/165865
 (31) 102020000003425 (32) 19.02.20 (33) IT
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 (54) Capsule for beverage
 (51) Int. Cl.
B65D 85/804 (2006.01)
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 102020000007669 09.04.20 IT
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G01V 1/30 (2006.01)
G06N 20/00 (2019.01)
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A61P 1/16 (2006.01)
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C07K 16/22 (2006.01)
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A01D 41/12 (2006.01)
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B23Q 7/05 (2006.01)
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C02F 11/121 (2019.01)
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F22B 1/18 (2006.01)
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B64F 1/00 (2006.01)
G06F 7/00 (2006.01)
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C12N 5/0783 (2010.01)
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A23D 7/00 (2006.01)
A23D 9/00 (2006.01)
A23G 1/36 (2006.01)
A23G 1/40 (2006.01)
A23G 1/46 (2006.01)
A23G 1/48 (2006.01)
A23G 1/54 (2006.01)
A23G 3/00 (2006.01)
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A23F 5/32 (2006.01)
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A61F 11/00 (2006.01)
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A61F 11/00 (2006.01)
A61F 2/18 (2006.01)
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(54) Systems and methods for treating hearing loss
(51) Int. Cl.
A61F 11/00 (2006.01)
A61F 2/18 (2006.01)
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A61F 11/00 (2006.01)
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G06F 11/34 (2006.01)
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A61K 9/50 (2006.01)
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A61K 31/352 (2006.01)
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A24F 40/50 (2020.01)
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A01K 29/00 (2006.01)
A01K 11/00 (2006.01)
A01K 21/00 (2006.01)
A01K 67/00 (2006.01)
A61D 1/08 (2006.01)
A61D 17/00 (2006.01)
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A61K 31/496 (2006.01)
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A61P 25/24 (2006.01)
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A61P 43/00 (2006.01)
C07D 401/04 (2006.01)
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(51) Int. Cl.
H04L 12/403 (2006.01)
H04B 3/54 (2006.01)
H04L 12/40 (2006.01)
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C07K 14/415 (2006.01)
C12C 5/00 (2006.01)
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(54) High-density multilayer reconstituted plant sheet
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A61F 2/30 (2006.01)
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G06T 7/00 (2017.01)
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 C08G 18/00 (2006.01)
 C08G 59/40 (2006.01)
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 C07D 401/14 (2006.01)
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| 2019479404 | Commonwealth Scientific and Industrial Research Organisation | 2020414447 | Ethicon, Inc. |
| 2019479570 | IllumiSonics Inc. | 2020414448 | Ethicon, Inc. |
| 2019480471 | Elsteel (Private) Limited | 2020414492 | Tecnimede - Sociedade Técnico-Medicinal, SA |
| 2019481092 | Kimberly-Clark Worldwide, Inc. | 2020414528 | Gamakatsu Co., Ltd. |
| 2020404319 | Jacobio Pharmaceuticals Co., Ltd. | 2020414688 | Bristol-Myers Squibb Company |
| 2020404451 | Western Sydney University | 2020414694 | Jazz Pharmaceuticals Ireland Limited |
| 2020404593 | Henkel AG & Co. KGaA | 2020414903 | Zhu, H. |
| 2020404594 | Henkel AG & Co. KGaA | 2020415310 | Transgene |
| 2020404610 | Niantic, Inc. | 2020415377 | Bristol-Myers Squibb Company |
| 2020404716 | LG Electronics Inc. | 2020415382 | Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc. |
| 2020404900 | AdvanSix Resins & Chemicals LLC | 2020415445 | Inivoscribe, Inc. |
| 2020405188 | Seguin, M.; Mazer, J.S.; Loiselle, V.; Gauvin, J. | 2020415460 | Encompass Vascular, Inc. |
| 2020405367 | Robert Bosch GmbH | 2020415492 | Nguyen, N.H. |
| 2020405624 | Vivaquip Pty Ltd t/as FastAid | 2020415493 | Centre for Cellular and Molecular Platforms |
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| 2020406213 | FalCom A/S | 2020415708 | The Australian National University |
| 2020406798 | LG Electronics Inc. | 2020415711 | Kynan Duke IP, LLC |
| 2020407157 | Illinois Tool Works Inc. | 2020415713 | Minna Holdings Pty Ltd |
| 2020407233 | Regeneron Pharmaceuticals, Inc. | 2020416767 | Atlas Copco Airpower, Naamloze Vennootschap |
| 2020407386 | AdvanSix Resins & Chemicals LLC | 2020416786 | Eversense SPS Ltd |
| 2020407398 | AdvanSix Resins & Chemicals LLC | 2020417270 | FFI Ionix IP, Inc. |
| 2020407614 | The Jackson Laboratory | 2020417313 | LensAR, Inc. |
| 2020407664 | Tenaya Therapeutics, Inc. | 2020417728 | Paige.AI, Inc. |
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| 2020408386 | W.S.C. Sports Technologies Ltd. | 2020417839 | LensAR, Inc. |
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| 2020409014 | Niantic, Inc. | 2020418026 | EdiGene Therapeutics (Beijing) Inc. |
| 2020409806 | LG Electronics Inc. | 2020418183 | LensAR, Inc. |
| 2020410142 | Henkel AG & Co. KGaA | 2020418184 | LensAR, Inc. |
| 2020410580 | Kabushiki Kaisha EarthTechnica | 2020418228 | EdiGene Therapeutics (Beijing) Inc. |
| 2020410900 | TYK Medicines, Inc. | 2020418579 | Pres-By Vision Ltd. |
| 2020411009 | E Track Ltd | 2020419156 | Sarepta Therapeutics, Inc. |
| 2020411026 | P M B | 2020419161 | Kimberly-Clark Worldwide, Inc. |
| 2020411067 | Apifix Ltd. | 2020419320 | Selfie Snapper, Inc. |
| 2020411469 | Clara Foods Co. | 2020419331 | The Texas A&M University System; Chevron U.S.A. Inc. |
| 2020411515 | Allergan, Inc. | 2020420672 | Becton, Dickinson and Company |
| 2020411961 | Mytech Co., Ltd. | 2020420675 | Becton, Dickinson and Company |
| 2020412078 | Zhu, H. | 2020420734 | Qingdao Kingagroot Chemical Compound Co., Ltd. |
| 2020412216 | Evonik Operations GmbH | 2020421142 | CN.USA Biotech Holdings, Inc.; Xu, J.; Zhang, X.; Wang, J.; Zhu, L.Y.; Lubit, B. |
| 2020412222 | Heraeus Electro-Nite International N.V.; Woojin Electro-Nite Inc. | 2020421890 | Xinjiang Goldwind Science & Technology Co., Ltd. |
| 2020412262 | Synergy4Tech Holdings Pte. Ltd. | 2020422224 | Foss Analytical A/S |
| 2020412322 | Depuy Ireland Unlimited Company | 2020422226 | Foss Analytical A/S |
| 2020412385 | Ethicon, Inc. | 2020423317 | Abrash, M. |
| 2020412389 | Johnson & Johnson Surgical Vision, Inc. | 2020423946 | Honor Device Co., Ltd. |
| 2020412429 | Lupin Limited | 2020424053 | Lang, D. |
| 2020412472 | Bristol-Myers Squibb Company | 2020424076 | Caterpillar Inc. |
| 2020412477 | Joslin Diabetes Center | 2020424270 | DEBx Medical Holding B.V. |
| 2020412484 | Pendulum Therapeutics, Inc. | 2020424573 | SEFFILINE S.r.l. |
| 2020412495 | Trakkit Pty Ltd | 2020424595 | Honda Motor Co., Ltd. |
| 2020412501 | Cannadol Pharmaceuticals Ltd | 2020425311 | Caterpillar Inc. |
| 2020412615 | Bristol-Myers Squibb Company | 2020425749 | Ab Initio Technology LLC |
| 2020412698 | Bristol-Myers Squibb Company | 2020425798 | Sandvik SRP AB |
| 2020412716 | Synthorx, Inc. | 2020426517 | Vilhena, F.; Teixeira, M.; Rabbit Indústria e Comércio de Produtos de Higiene Pessoal LTDA |
| 2020412719 | Koninklijke Philips N.V. | 2020426840 | Sandvik SRP AB |
| 2020412801 | Rutgers, The State University of New Jersey | 2020426848 | FourPhase AS |
| 2020412986 | ENEOS Corporation | 2020426906 | NEC Corporation |
| 2020413284 | Sumitomo Pharma Co., Ltd. | 2020427245 | Heavy Kinematic Machines Sp. z o. o. |
| 2020413349 | Allergan, Inc. | 2020427260 | Metso Outotec Finland Oy |
| 2020413633 | Shanghai XBH Biotechnology Co., Ltd.; GV20 Therapeutics LLC | 2020427367 | Volvo Autonomous Solutions AB |
| 2020413775 | Suntory Holdings Limited | 2020427585 | Valo Health, Inc.; Radisic, M.; Zhang, B.; Zhao, Y. |
| 2020414040 | Zeria Pharmaceutical Co., Ltd. | 2020427632 | Autifony Therapeutics Limited |
| 2020414298 | Evonik Operations GmbH | 2020427701 | The Climate Foundation |
| | | 2020427902 | Amcors Flexibles North America, Inc. |
| | | 2020427926 | Gabbay, M. |

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

| | | | |
|------------|---|------------|---|
| 2020428940 | Quanta Associates, L.P. | 2021208684 | Congenica Ltd. |
| 2020430909 | Hitachi, Ltd. | 2021208878 | OMICRON Electronics GmbH |
| 2020430965 | Mitsubishi Electric Corporation | 2021209016 | Nicoventures Trading Limited |
| 2020431090 | Mitsubishi Electric Corporation | 2021209044 | Crop Enhancement, Inc. |
| 2020431140 | The Regents of the University of California | 2021209101 | Jumpcode Genomics, Inc. |
| 2020431574 | Wang, Y. | 2021209112 | NXT Biomedical, LLC |
| 2020433756 | Innotherapy Inc. | 2021209429 | Georgia-Pacific Chemicals LLC |
| 2020436604 | Metso Outotec Finland Oy | 2021209450 | Tower IPCO Company Limited |
| 2020438745 | Electrolux Appliances Aktiebolag | 2021209577 | Equinor Energy AS |
| 2020441234 | Halliburton Energy Services, Inc. | 2021209619 | Caterpillar Inc. |
| 2020443361 | Halliburton Energy Services, Inc. | 2021209620 | EndObetes Inc. |
| 2020443367 | Halliburton Energy Services, Inc. | 2021209677 | Promaxo, Inc. |
| 2020447556 | LG Electronics Inc. | 2021209816 | Bayer Oy |
| 2020448169 | Bolts One Co., Ltd. | 2021209822 | Forkbeard Technologies AS |
| 2020459846 | ZTE Corporation | 2021209859 | CareFusion 303, Inc. |
| 2020462829 | Shenzhen in Vivo Biomedicine Technology Limited Company | 2021209861 | Caterpillar Inc. |
| 2020463875 | Contemporary Amperex Technology Co., Limited | 2021209866 | Regeneron Pharmaceuticals, Inc. |
| 2020465639 | Zhende Medical Co., Ltd. | 2021209880 | Splunk Inc. |
| 2020479791 | Jinfan Biomedical Technology (Wuhan) Co., Ltd. | 2021209911 | Spiral Therapeutics Inc. |
| 2020482966 | Peking University | 2021209917 | Spiral Therapeutics Inc. |
| 2021204681 | Universitat Autònoma de Barcelona; Nanoligent, S.L.; Consorcio Centro de Investigación Biomédica en Red; Fundació Institut de Recerca de L'Hospital de la Santa Creu I Sant Pau | 2021209921 | Opus Medical Therapies, LLC |
| 2021205238 | Control Components, Inc. | 2021209929 | Jade Bird Display (Shanghai) Limited |
| 2021205250 | The University of North Carolina at Chapel Hill | 2021209935 | PTC Therapeutics MP, Inc. |
| 2021205267 | Becton, Dickinson and Company | 2021210097 | Nuovo Pignone Tecnologie - S.r.l. |
| 2021205322 | Robertson II, G.; Robertson, W. | 2021210100 | CMP Products Limited |
| 2021205324 | Guiliano, S.; Strickland, L. | 2021210157 | The Protein Brewery B.V. |
| 2021205408 | Deka Biosciences, Inc. | 2021210357 | Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd. |
| 2021205433 | Scholar Rock, Inc. | 2021210361 | Royal Melbourne Institute of Technology |
| 2021205451 | Unlocked Labs Inc. | 2021210382 | GameChange Solar Corp. |
| 2021205484 | Telios Pharma, Inc. | 2021210412 | BioAtla, Inc. |
| 2021205501 | TCR2 Therapeutics Inc. | 2021210565 | R-718 Spindel GBR |
| 2021205517 | Electronic Controls Company | 2021210579 | Rise Technologies Limited |
| 2021205784 | Stabican B.V. | 2021210611 | Luye Pharma Switzerland AG |
| 2021205795 | AdrenalineIP | 2021210669 | Pfizer Inc. |
| 2021205809 | AdrenalineIP | 2021210691 | APOS Medical Assets Ltd |
| 2021205836 | Control Components, Inc. | 2021210856 | Board of Trustees of Michigan State University |
| 2021205892 | Takeda Pharmaceutical Company Limited | 2021210862 | Caterpillar Inc. |
| 2021205896 | Nuvera Fuel Cells, Inc. | 2021210867 | Panbela Therapeutics, Inc. |
| 2021206074 | Samsung Electronics Co., Ltd. | 2021210884 | Route App, Inc. |
| 2021206100 | Hangzhou Innogate Pharma Co., Ltd. | 2021210954 | Spiral Therapeutics Inc. |
| 2021206140 | AstraZeneca AB | 2021210956 | Spiral Therapeutics Inc. |
| 2021206190 | Insulet Corporation | 2021210975 | Burndy, LLC |
| 2021206201 | Shanghai Huayu Biotechnology Co., Ltd. | 2021210989 | ABL SPACE SYSTEMS |
| 2021206203 | Shanghai Huayu Biotechnology Co., Ltd. | 2021210993 | Avirus, Inc. |
| 2021206472 | NoNO Inc. | 2021211077 | Nuovo Pignone Tecnologie - S.r.l. |
| 2021206529 | ETH Zürich | 2021211118 | Bayer Oy |
| 2021206568 | Paradise Honey Oy | 2021211138 | Evonik Operations GmbH |
| 2021206618 | HIFIBIO (HK) Limited | 2021211194 | Wonderland Switzerland AG |
| 2021206705 | The Regents of the University of Colorado, a body corporate | 2021211197 | Body Vision Medical Ltd. |
| 2021206754 | Huawei Technologies Co., Ltd. | 2021211238 | Symbios Orthopédie S.A. |
| 2021207159 | Chia Tai Tianqing Pharmaceutical Group Co., Ltd. | 2021211390 | Henger Pty Ltd |
| 2021207402 | Airtouch Solar Ltd. | 2021211399 | ST Reproductive Technologies, LLC |
| 2021207450 | Beta Pharma, Inc. | 2021211409 | Caterpillar Inc. |
| 2021207485 | Sheltered Wings, Inc. | 2021211430 | Synthego Corporation |
| 2021207538 | Fortress Iron, LP | 2021211435 | ELC Management LLC |
| 2021207591 | CareFusion 303, Inc. | 2021211442 | WestRock Packaging Systems, LLC |
| 2021207643 | The Trustees of Columbia University in the City of New York | 2021211446 | Caterpillar Inc. |
| 2021207910 | Sheltered Wings, Inc. d/b/a/ Vortex Optics | 2021211451 | Eli Lilly and Company |
| 2021208129 | Chia Tai Tianqing Pharmaceutical Group Co., Ltd. | 2021211475 | YAE, LLC |
| 2021208299 | thyssenkrupp Industrial Solutions AG; thyssenkrupp AG | 2021211648 | 1304338 Alberta Ltd.; 1304342 Alberta Ltd. |
| 2021208346 | 9220-6820 Quebec Inc. | 2021211657 | ADB M Corp. |
| 2021208456 | Archer Daniels Midland Company | 2021211707 | Spiral Therapeutics Inc. |
| 2021208491 | Vifor Fresenius Medical Care Renal Pharma, Ltd. | 2021211715 | Schlumberger Technology B.V. |
| 2021208639 | Simpson Strong-Tie Company Inc. | 2021211721 | Geltor, Inc. |
| 2021208674 | Cambridge Enterprise Limited | 2021211839 | Caterpillar Work Tools B.V. |
| 2021208683 | Congenica Ltd. | 2021211853 | Joimax GmbH |
| | | 2021211883 | Inventio AG |
| | | 2021211929 | Reckitt & Colman (Overseas) Hygiene Home Limited |
| | | 2021211965 | Shapira, I. |
| | | 2021212177 | Burndy, LLC |
| | | 2021212211 | Regeneron Pharmaceuticals, Inc. |

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

| | | | |
|------------|--|------------|---|
| 2021212261 | Treace Medical Concepts, Inc. | 2021217030 | The Phantom Laboratory, Incorporated |
| 2021212352 | Ipsen Biopharm Limited | 2021217067 | Culligan International Company |
| 2021212353 | ODx Innovations Limited | 2021217073 | City of Hope |
| 2021212355 | Altavant Sciences GmbH | 2021217086 | Encore Medical, LP DBA DJO Surgical |
| 2021212376 | Wedglock Equipment Limited | 2021217231 | Assembly OSM, Inc. |
| 2021212580 | CNBM Research Institute for Advanced Glass Materials Group Co., Ltd | 2021217266 | Toray Industries, Inc. |
| 2021212603 | Galley Solutions, Inc. | 2021217370 | Regeneron Pharmaceuticals, Inc. |
| 2021212668 | Regeneron Pharmaceuticals, Inc. | 2021217374 | Quantum Digital Solutions Corporation |
| 2021212749 | Regenxbio Inc. | 2021217534 | BioNTech SE |
| 2021212770 | The Regents of the University of California; Shang-Pharma Innovation Inc. | 2021217574 | Eni S.p.A. |
| 2021212804 | Novartis AG | 2021217681 | Eiger BioPharmaceuticals, Inc. |
| 2021212906 | NEC Corporation | 2021217749 | Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft |
| 2021213022 | Breville Pty Limited | 2021217829 | Cutiss AG |
| 2021213025 | Murdoch University | 2021217959 | Medikine, Inc. |
| 2021213031 | Signature Orthopaedics Europe Ltd | 2021217962 | Boston Scientific Scimed, Inc. |
| 2021213039 | The NOCO Company | 2021218645 | Corn Products Development, Inc. |
| 2021213061 | American Sterilizer Company | 2021218675 | Regeneron Pharmaceuticals, Inc. |
| 2021213071 | Valent U.S.A. LLC | 2021218679 | MarketX LLC |
| 2021213108 | ModernaTX, Inc. | 2021218768 | Mars, Incorporated |
| 2021213121 | Codagenix Inc.; Serum Institute of India Private Limited | 2021218905 | F. Hoffmann-La Roche AG |
| 2021213177 | Inhibrx, Inc. | 2021218959 | Dryad Networks GmbH |
| 2021213297 | EirGen Pharma Ltd. | 2021219092 | Mayborn (UK) Limited |
| 2021213353 | Societe des Produits Nestle S.A. | 2021219561 | Fletcher Building Holdings Limited |
| 2021213398 | Safran Electronics & Defense; M3 Systems | 2021219652 | Merck Sharp & Dohme LLC |
| 2021213408 | Globachem NV | 2021219713 | Rhodia Operations |
| 2021213420 | N.V. Nutricia | 2021219944 | Dryad Networks GmbH |
| 2021213468 | ODx Innovations Limited | 2021220119 | Corn Products Development, Inc. |
| 2021213720 | Regeneron Pharmaceuticals, Inc. | 2021220161 | Insight Medical Systems, Inc. |
| 2021213762 | Consensus Orthopedics, Inc.; Mobbs, R.; Wiedenhofer, C.; Mcmeekan, G.; Habib, A. | 2021220222 | Medacta International SA |
| 2021213804 | Research Triangle Institute | 2021220309 | TOMRA Systems ASA |
| 2021213828 | The Climate Foundation | 2021220328 | Techtronic Cordless GP |
| 2021213856 | Southwest Research Institute | 2021220615 | Dryad Networks GmbH |
| 2021213891 | Ceva Sante Animale | 2021220620 | Universität Zürich |
| 2021214064 | Novavax, Inc. | 2021220903 | JK-Holding GmbH |
| 2021214075 | Cubic Corporation | 2021221137 | Selig Sealing Products, Inc. |
| 2021214143 | The Administrators of the Tulane Educational Fund | 2021221986 | Gilead Sciences, Inc. |
| 2021214159 | LeBlanc Dental Products, Inc. | 2021222041 | Gas Technology Institute |
| 2021214174 | REGENXBIO Inc. | 2021222411 | Sarong Societa' Per Azioni |
| 2021214324 | Kyocera Corporation | 2021222563 | Sarong Societa' Per Azioni |
| 2021214370 | Kenjockety Biotechnology, Inc. | 2021222969 | DSM IP Assets B.V. |
| 2021214376 | Fast IP, LLC | 2021223100 | Sarong Societa' Per Azioni |
| 2021214415 | Charm IP Pty Ltd | 2021223184 | Pfizer Inc. |
| 2021214418 | Recce Pharmaceuticals Ltd | 2021223670 | SWM Luxembourg Sarl |
| 2021214437 | Kyocera Corporation; Saga University | 2021223783 | Intervet International B.V. |
| 2021214621 | FNV IP B.V. | 2021223869 | Tornado Spectral Systems Inc. |
| 2021214764 | Regeneron Pharmaceuticals, Inc. | 2021224056 | Energy Dome S.p.A. |
| 2021214795 | The Cleveland Clinic Foundation | 2021224565 | Boston Scientific Neuromodulation Corporation |
| 2021214827 | ARRIS Enterprises LLC | 2021224755 | Major Medical Devices Inc |
| 2021214914 | UOP LLC | 2021224775 | Closure Systems International Inc. |
| 2021214967 | Landesberg, A. | 2021225020 | 10X Genomics, Inc. |
| 2021214986 | Greengold Engineering Pty Ltd | 2021225919 | The Procter & Gamble Company |
| 2021215332 | Genmab A/S; BioNTech SE | 2021226137 | SixRing Inc. |
| 2021215420 | Seed Terminator Holdings PTY LTD | 2021226177 | Tyco Fire Products LP |
| 2021215447 | Megger Instruments Ltd | 2021226349 | Dana-Farber Cancer Institute, Inc. |
| 2021215747 | InxMed (Nanjing) Co., Ltd. | 2021226620 | Respireco Spółka Z Ograniczoną Odpowiedzialnością |
| 2021215843 | Battelle Memorial Institute | 2021227185 | Integrated DNA Technologies, Inc. |
| 2021215849 | Taro Pharmaceutical Industries Ltd. | 2021227548 | Steam Cure S.L. |
| 2021215942 | Flex-Chem Holding Company, LLC | 2021227719 | SixRing Inc. |
| 2021215985 | Boston Scientific Scimed, Inc. | 2021227741 | Precision Planting LLC |
| 2021216049 | Emory University | 2021227742 | Precision Planting LLC |
| 2021216120 | Topsoe A/S | 2021227962 | Birkestrand, O. |
| 2021216452 | CompoSecure, LLC | 2021228076 | The Procter & Gamble Company |
| 2021216477 | Flex-Chem Holding Company, LLC | 2021228375 | SixRing Inc. |
| 2021216566 | Trimed, Incorporated | 2021229402 | Chongqing University |
| 2021216689 | Louwer-Lite Limited | 2021229533 | NV Bekaert SA |
| 2021216723 | ELTA Systems Ltd. | 2021230034 | NV Bekaert SA |
| 2021216843 | Monsanto Technology LLC | 2021231004 | NV Bekaert SA |
| 2021216928 | Malta Inc. | 2021231693 | The Toro Company |
| 2021217023 | Baron Innovative Technology LP | 2021232523 | Topsoe A/S |
| | | 2021232871 | Zodiac Pool Care Europe |
| | | 2021233116 | Electrolux Appliances Aktiebolag |

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

| | |
|------------|---|
| 2021233204 | Davis, Schottlander & Davis Ltd |
| 2021233220 | Alcon Inc. |
| 2021234858 | Société des Produits Nestlé S.A. |
| 2021235154 | F. Hoffmann-La Roche AG |
| 2021235491 | BNSF Railway Company |
| 2021235525 | International Business Machines Corporation |
| 2021236235 | Abbott Diabetes Care Inc. |
| 2021236256 | Om Pharma SA |
| 2021236284 | Evotec International GmbH |
| 2021236660 | Genentech, Inc. |
| 2021236906 | Genmab A/S |
| 2021238344 | Wahl Clipper Corporation |
| 2021238454 | Electrolux Appliances Aktiebolag |
| 2021238764 | MATISA Materiel Industriel SA |
| 2021238765 | MATISA Materiel Industriel SA |
| 2021240069 | Wahl Clipper Corporation |
| 2021240619 | Sungrow Power Supply Co., Ltd. |
| 2021241070 | K.K. CYBO |
| 2021241395 | BNSF Railway Company |
| 2021241536 | Hologic, Inc. |
| 2021242249 | Genentech, Inc. |
| 2021244086 | AAK AB (publ) |
| 2021244108 | Ecolab USA Inc. |
| 2021244131 | BNSF Railway Company |
| 2021246451 | Zebra Technologies Corporation |
| 2021246985 | International Business Machines Corporation |
| 2021260526 | International Business Machines Corporation |
| 2021263134 | Precision Planting LLC |
| 2021264049 | Precision Planting LLC |
| 2021265294 | Precision Planting LLC |
| 2021265486 | International Business Machines Corporation |
| 2021265672 | Kumiai Chemical Industry Co., Ltd. |
| 2021271695 | Elixiron Immunotherapeutics (Hong Kong) Limited |
| 2021275207 | Daikin Industries, Ltd.; Daikin Europe N.V. |
| 2021275615 | Precision Planting LLC |
| 2021282684 | Thomas, S. |
| 2021282882 | Advance Third Age Renewable Energy (ATAREC) |
| 2021288251 | Phantasm Limited |
| 2021297293 | Nippon Steel Corporation; Vallourec Oil and Gas France |
| 2021298904 | Metso Outotec Finland Oy |
| 2021310843 | Pylon Technologies Co., Ltd. |
| 2021338582 | Advanced Materials Institute, Shandong Academy of Sciences |
| 2021359040 | Memsift Innovations Pte. Ltd. |
| 2021369727 | Shanghai Municipal Engineering Design Institute (Group) Co., Ltd. |
| 2021372198 | LG Electronics Inc. |
| 2021372954 | Shanxi Tiandi Coal Mining Machinery Co., Ltd.; Tai Yuan Research Institute of China Coal Technology & Engineering Group |
| 2021418327 | Cosmax NBT, Inc.; HEM Inc.; Cosmax NS, Inc. |
| 2022201287 | Fitbit, Inc. |

IPC Index

| | | | | | |
|--|--|--|--|--|--|
| <u>A01B 49 /-</u> | <u>A01N 25 /-</u> | 2021222969 2021244086 | <u>A24B 15 /-</u> | <u>A61B 10 /-</u> | <u>A61C 8 /-</u> |
| 2021265294 | 2020407386 2021209044 2021213071 2021219713 | <u>A23K 30 /-</u> | 2021223670 | 2020424573 2021209677 2021217829 | 2021214324 |
| <u>A01B 79 /-</u> | | 2021222969 | <u>A24B 3 /-</u> | <u>A61B 17 /-</u> | <u>A61D 1 /-</u> |
| 2021263134 2021264049 2021265294 | <u>A01N 33 /-</u> | <u>A23K 40 /-</u> | 2021223670 | 2020411067 2020412322 2020424573 2021209921 2021212261 2021220222 | 2021211399 |
| <u>A01C 1 /-</u> | <u>A01N 37 /-</u> | 2021218768 | <u>A24D 1 /-</u> | <u>A61D 17 /-</u> | <u>A61D 17 /-</u> |
| 2021209044 | 2021219713 | 2021218768 | 2021209016 | 2021211399 | 2021211399 |
| <u>A01C 21 /-</u> | <u>A01N 43 /-</u> | <u>A23K 50 /-</u> | <u>A24F 40 /-</u> | <u>A61F 11 /-</u> | <u>A61F 11 /-</u> |
| 2021265294 | 2020420734 2021213071 2021213408 | 2021213891 2021218768 2021222969 2021244086 | 2021209016 2021227548 | <u>A61B 18 /-</u> | 2020406213 2021209911 2021209917 2021210954 2021210956 2021211707 |
| 2021275615 | <u>A01P 7 /-</u> | <u>A23L 19 /-</u> | <u>A41D 11 /-</u> | 2020412385 2020414448 2020417839 2020418183 2021209921 2021211475 | <u>A61F 13 /-</u> |
| <u>A01C 7 /-</u> | 2021213071 | 2020424053 | <u>A41D 13 /-</u> | <u>A61B 34 /-</u> | 2020433756 |
| 2021275615 | <u>A21D 13 /-</u> | <u>A23L 21 /-</u> | 2020415713 | 2021209677 2021211238 2021220161 | <u>A61F 17 /-</u> |
| <u>A01D 34 /-</u> | 2020414298 | 2020424053 | <u>A41D 27 /-</u> | <u>A61B 5 /-</u> | <u>A61F 17 /-</u> |
| 2020424595 | <u>A21D 8 /-</u> | <u>A23L 25 /-</u> | 2020415713 | 2019479570 2020404451 2020420672 2021210691 2021213762 2021214967 2021217030 2021235154 2021236235 2022201287 | 2020405624 |
| <u>A01D 41 /-</u> | 2020414298 | 2021213353 | <u>A43B 11 /-</u> | <u>A61B 6 /-</u> | <u>A61F 2 /-</u> |
| 2021215420 | <u>A23D 7 /-</u> | <u>A23L 27 /-</u> | 2021214376 | 2021211238 2021211853 2021213031 2021214437 2021215985 2021216566 2021217086 2021224755 | 2020411067 2020412078 2020412322 2020414903 2020415460 2021209620 2021209677 2021209921 2021210954 2021210956 2021211238 2021211853 2021213031 2021214437 2021215985 2021216566 2021217086 2021224755 |
| <u>A01F 12 /-</u> | 2021213353 | 2021208456 | <u>A43B 3 /-</u> | <u>A61B 8 /-</u> | <u>A61F 5 /-</u> |
| 2021215420 | <u>A23D 9 /-</u> | <u>A23L 29 /-</u> | 2021214376 | 2021241536 | 2021209620 2021214159 |
| <u>A01K 11 /-</u> | 2021206529 2021213353 | 2020411469 2021213420 2021418327 | <u>A43B 7 /-</u> | <u>A61B 90 /-</u> | <u>A61F 6 /-</u> |
| 2021211399 | <u>A23F 5 /-</u> | <u>A23L 3 /-</u> | 2021210691 | 2020412385 2020414447 2020414448 2021209677 2021213061 2021220161 2021220222 | 2021209816 2021211118 |
| <u>A01K 21 /-</u> | 2021234858 | 2020411469 | <u>A45D 34 /-</u> | <u>A61C 13 /-</u> | <u>A61F 9 /-</u> |
| 2021211399 | <u>A23G 1 /-</u> | <u>A23L 33 /-</u> | 2021211435 | 2021233204 | 2020412389 2020417313 2020417839 2020418183 2020418184 2020418579 |
| <u>A01K 29 /-</u> | 2021213353 | 2020414298 2021208456 2021213420 | <u>A47D 13 /-</u> | <u>A61C 5 /-</u> | |
| 2021211399 | <u>A23G 3 /-</u> | <u>A23L 35 /-</u> | 2021211194 | 2021214159 | |
| <u>A01K 47 /-</u> | <u>A23J 1 /-</u> | 2021211390 | <u>A47G 1 /-</u> | <u>A61C 7 /-</u> | |
| 2021206568 | 2021234858 | <u>A23L 37 /-</u> | 2021211390 | 2021214159 | |
| <u>A01K 59 /-</u> | 2021213353 | <u>A23L 39 /-</u> | <u>A47J 31 /-</u> | | |
| 2021206568 | 2021213353 | 2020411469 2020414298 2021206529 | 2020417820 | | |
| <u>A01K 61 /-</u> | 2020411469 2020419331 2021210157 | <u>A23L 7 /-</u> | <u>A47J 37 /-</u> | | |
| 2021214415 | <u>A23J 3 /-</u> | 2020414298 | 2021213022 | | |
| <u>A01K 63 /-</u> | 2021206529 | <u>A23P 10 /-</u> | <u>A47L 9 /-</u> | | |
| 2021214415 | 2020411469 2020419331 2021210157 | 2020404716 2020406798 2020447556 | 2020404716 2020406798 2020447556 | | |
| <u>A01K 67 /-</u> | 2021218768 2021244086 | <u>A23L 7 /-</u> | <u>A61B 1 /-</u> | | |
| 2021211399 2021212668 | <u>A23K 10 /-</u> | 2020414298 | 2021217962 | | |
| | 2021218768 2021244086 | <u>A23P 20 /-</u> | | | |
| | <u>A23K 20 /-</u> | 2021213353 | | | |
| | 2021213891 2021218768 | | | | |

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

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|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <u>A61G 7 /-</u> | <u>A61K 35 /-</u> | <u>A61K 48 /-</u> | <u>A61M 27 /-</u> | 2021209935 | <u>A61P 37 /-</u> |
| 2020414528 | 2020412216 | 2020417930 | 2021209112 | 2021210611 | 2020407233 |
| | 2020412484 | 2020418026 | | 2021211451 | 2020414040 |
| <u>A61J 1 /-</u> | 2020414040 | 2021205484 | <u>A61M 31 /-</u> | 2021213025 | 2020415493 |
| 2020417820 | 2020414298 | 2021205501 | 2020415460 | 2021226349 | 2021217959 |
| 2021205267 | 2020431140 | 2021212749 | | 2021236284 | 2021236256 |
| | 2020462829 | 2021214174 | <u>A61M 39 /-</u> | <u>A61P 27 /-</u> | 2021236660 |
| <u>A61J 17 /-</u> | 2021220620 | | 2021207591 | 2020427632 | <u>A61P 43 /-</u> |
| 2021219092 | 2021418327 | <u>A61K 8 /-</u> | | 2021236284 | 2020404319 |
| | <u>A61K 38 /-</u> | 2020411515 | <u>A61M 5 /-</u> | <u>A61P 29 /-</u> | 2020407614 |
| <u>A61K 31 /-</u> | 2020407233 | 2020413349 | 2020424573 | 2020412501 | 2020413284 |
| 2020404319 | 2020414298 | 2020426517 | 2021209859 | 2021205484 | 2020414040 |
| 2020407398 | 2020415493 | 2021212352 | | | 2021214174 |
| 2020407614 | 2020462829 | 2021220119 | <u>A61N 1 /-</u> | <u>A61P 3 /-</u> | <u>A61P 7 /-</u> |
| 2020407664 | 2021204681 | 2021225919 | 2021217030 | 2020412477 | 2021210669 |
| 2020410900 | 2021206618 | 2021228076 | 2021224565 | 2021205451 | 2021212770 |
| 2020412429 | 2021211451 | <u>A61K 9 /-</u> | | 2021211451 | <u>A61P 9 /-</u> |
| 2020412472 | 2021212804 | 2020407398 | <u>A61N 5 /-</u> | 2021213804 | 2021206472 |
| 2020412477 | 2021214174 | 2020412484 | 2020411026 | 2021214174 | 2021211451 |
| 2020412501 | 2021217681 | 2020412501 | 2020414040 | 2021236256 | 2021212355 |
| 2020412615 | 2021217959 | 2020424270 | 2021209677 | 2021236284 | 2021236284 |
| 2020412698 | <u>A61K 39 /-</u> | 2021205784 | 2021220903 | <u>A61P 31 /-</u> | <u>A61Q 1 /-</u> |
| 2020413284 | 2020407233 | 2021205892 | | 2020407233 | 2021220119 |
| 2020414040 | 2020413633 | 2021208129 | <u>A61P 1 /-</u> | 2020414492 | |
| 2020414441 | 2020413633 | 2021208491 | 2020414298 | 2020421142 | |
| 2020414492 | 2020414040 | 2021210611 | 2021205433 | 2020424270 | <u>A61Q 11 /-</u> |
| 2020414688 | 2020415310 | 2021212352 | 2021212804 | 2021210993 | 2020426517 |
| 2020414694 | 2020421142 | 2021212355 | 2021212804 | 2021213108 | 2021225919 |
| 2020415377 | 2021205433 | 2021212804 | 2021213804 | 2021214418 | 2021228076 |
| 2020415493 | 2021205484 | 2021213297 | 2021236660 | 2021216049 | |
| 2020418026 | 2021206618 | 2021214174 | <u>A61P 11 /-</u> | 2021217681 | <u>A61Q 15 /-</u> |
| 2020418228 | 2021207643 | 2021214418 | 2020414040 | 2021219652 | 2021220119 |
| 2020424270 | 2021210412 | 2021215849 | 2020415382 | 2021221986 | |
| 2020427632 | 2021210669 | <u>A61L 15 /-</u> | 2021207159 | 2021226349 | |
| 2020482966 | 2021212804 | 2020465639 | 2021208129 | <u>A61P 35 /-</u> | <u>A61Q 17 /-</u> |
| 2021205250 | 2021213108 | | 2021212804 | 2020404319 | 2021220119 |
| 2021205784 | 2021213121 | <u>A61L 2 /-</u> | 2021213108 | 2020407233 | |
| 2021205892 | 2021214064 | 2021214370 | 2021217681 | 2020410900 | <u>A61Q 19 /-</u> |
| 2021206100 | 2021214370 | 2021214795 | 2021222969 | 2020412429 | 2020411515 |
| 2021206140 | 2021214795 | 2021215332 | 2021236660 | 2020412472 | 2020413349 |
| 2021206201 | 2021215332 | 2021217534 | <u>A61P 13 /-</u> | 2020412615 | |
| 2021206203 | 2021217534 | 2021217681 | 2021205433 | 2020412698 | <u>A61Q 5 /-</u> |
| 2021207159 | 2021217681 | <u>A61L 24 /-</u> | 2021208491 | 2020414040 | 2021220119 |
| 2021207450 | 2021218675 | 2020433756 | 2021213297 | 2020414688 | |
| 2021208129 | 2021219652 | <u>A61L 27 /-</u> | <u>A61P 17 /-</u> | 2020415377 | <u>A62B 23 /-</u> |
| 2021209935 | 2021223783 | 2020413349 | 2020415711 | 2020415711 | 2020412719 |
| 2021210611 | 2021271695 | 2021210361 | 2020424270 | 2020462829 | |
| 2021210867 | <u>A61K 41 /-</u> | <u>A61L 31 /-</u> | 2021215849 | 2021204681 | <u>A62C 3 /-</u> |
| 2021212355 | 2020414040 | 2020415460 | <u>A61P 19 /-</u> | 2021205433 | 2020416786 |
| 2021212770 | | 2021210361 | 2021213297 | 2021206100 | <u>A62C 31 /-</u> |
| 2021213025 | <u>A61K 45 /-</u> | <u>A61M 1 /-</u> | <u>A61P 13 /-</u> | 2021206140 | 2021226177 |
| 2021213297 | 2020414040 | 2020424573 | 2021205433 | 2021210412 | |
| 2021213804 | 2021205892 | <u>A61M 16 /-</u> | 2021208491 | 2021210867 | <u>A63B 21 /-</u> |
| 2021213891 | 2021213297 | 2020412719 | 2021215849 | 2021213177 | 2020427245 |
| 2021214174 | 2021214174 | <u>A61M 25 /-</u> | <u>A61P 17 /-</u> | 2021214370 | |
| 2021214418 | 2020414040 | 2020420672 | 2020415711 | 2021214418 | <u>A63F 13 /-</u> |
| 2021215747 | 2021205451 | 2020420675 | 2020424270 | 2021214795 | |
| 2021215849 | 2021206472 | | 2021215849 | 2021215332 | |
| 2021216049 | 2021210412 | <u>A61M 1 /-</u> | <u>A61P 19 /-</u> | 2021215747 | |
| 2021221986 | 2021215849 | 2020424573 | 2021205451 | 2021220620 | |
| 2021222969 | <u>A61K 47 /-</u> | <u>A61M 16 /-</u> | 2021218675 | 2021226349 | |
| 2021226349 | 2020407398 | 2020412719 | <u>A61P 25 /-</u> | 2021236256 | |
| 2021236256 | 2020412501 | <u>A61M 25 /-</u> | 2020407614 | 2021236906 | |
| 2021236284 | 2021205451 | 2020420672 | 2020412501 | | 2020404610 |
| <u>A61K 33 /-</u> | 2021206472 | 2020420675 | 2020413284 | | |
| 2021208491 | 2021210412 | | 2020414694 | | |
| | 2021215849 | | 2020427632 | | |
| | | | 2021205892 | | |

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

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|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 2020409014 | <u>B02C 2 /-</u> | | <u>B60T 13 /-</u> | <u>B65D 88 /-</u> | |
| 2021205809 | | <u>B28B 1 /-</u> | | | <u>C05G 3 /-</u> |
| 2021211197 | 2020410580 | 2020412801 | 2020427367 | 2020412495 | 2021218645 |
| <u>A63F 9 /-</u> | <u>B02C 23 /-</u> | 2021229533 | <u>B61L 15 /-</u> | <u>B65G 1 /-</u> | |
| 2021205809 | 2020410580 | 2021230034 | 2021244131 | 2020412495 | <u>C05G 5 /-</u> |
| | | 2021231004 | | | 2021218645 |
| <u>B01D 17 /-</u> | <u>B02C 4 /-</u> | <u>B29C 65 /-</u> | <u>B61L 23 /-</u> | <u>B66B 19 /-</u> | <u>C06B 21 /-</u> |
| 2020426848 | 2021208299 | 2021213828 | 2021244131 | 2021211883 | 2021213856 |
| <u>B01D 25 /-</u> | <u>B03D 1 /-</u> | <u>B32B 13 /-</u> | <u>B61L 27 /-</u> | <u>B66C 15 /-</u> | <u>C06B 23 /-</u> |
| 2020427260 | 2021298904 | 2021229533 | 2021241395 | 2021211883 | 2021213856 |
| 2020436604 | | 2021230034 | 2021244131 | | |
| | <u>B05B 1 /-</u> | 2021231004 | | <u>B66D 1 /-</u> | <u>C06B 31 /-</u> |
| <u>B01D 29 /-</u> | 2021226177 | <u>B32B 15 /-</u> | <u>B61L 29 /-</u> | 2020408394 | 2021213856 |
| 2021263134 | | | 2020430909 | | |
| 2021264049 | <u>B05B 11 /-</u> | 2021229533 | | <u>C01B 17 /-</u> | <u>C07B 61 /-</u> |
| 2021265294 | 2021211435 | 2021230034 | <u>B62B 7 /-</u> | 2021228375 | 2021265672 |
| | | 2021231004 | 2021211194 | | |
| <u>B01D 3 /-</u> | <u>B06B 1 /-</u> | <u>B32B 27 /-</u> | <u>B62D 55 /-</u> | <u>C01B 3 /-</u> | <u>C07C 201 /-</u> |
| 2021232523 | 2020425798 | 2021209450 | 2020425311 | 2021211648 | 2020415711 |
| <u>B01D 46 /-</u> | <u>B07B 1 /-</u> | <u>B32B 5 /-</u> | | 2021232523 | |
| 2020412719 | | | <u>B64F 1 /-</u> | <u>C02F 1 /-</u> | <u>C07C 205 /-</u> |
| | 2020425798 | 2021229533 | 2021211965 | 2020427701 | 2020415711 |
| <u>B01D 53 /-</u> | 2020426840 | 2021231004 | | 2021359040 | |
| 2020416767 | <u>B07C 5 /-</u> | <u>B32B 7 /-</u> | <u>B64G 1 /-</u> | | <u>C07C 209 /-</u> |
| 2020417270 | 2021214143 | 2021229533 | 2021210989 | <u>C02F 103 /-</u> | 2020415711 |
| 2021217574 | | 2021231004 | | 2021244108 | <u>C07C 211 /-</u> |
| <u>B01D 61 /-</u> | <u>B08B 1 /-</u> | <u>B33Y 70 /-</u> | <u>B65B 25 /-</u> | <u>C02F 11 /-</u> | 2020415711 |
| 2021217067 | 2020404716 | | 2020417820 | | |
| <u>B01D 71 /-</u> | <u>B21D 22 /-</u> | 2021229533 | <u>B65B 29 /-</u> | 2020419331 | <u>C07C 215 /-</u> |
| 2019478718 | 2020427902 | 2021230034 | 2020417820 | 2021369727 | |
| | | 2021231004 | | <u>C02F 3 /-</u> | 2021210867 |
| <u>B01J 19 /-</u> | <u>B22C 1 /-</u> | <u>B60C 11 /-</u> | <u>B65D 41 /-</u> | 2020427701 | <u>C07C 227 /-</u> |
| 2019478593 | 2020412801 | 2021210579 | 2021224775 | | 2020415711 |
| 2019479404 | | <u>B60C 7 /-</u> | <u>B65D 47 /-</u> | <u>C02F 5 /-</u> | <u>C07C 229 /-</u> |
| 2021214914 | <u>B23K 20 /-</u> | 2021210579 | 2021224775 | 2021244108 | 2021236256 |
| 2021227185 | 2020428940 | | 2021224775 | <u>C02F 7 /-</u> | |
| <u>B01J 23 /-</u> | <u>B23Q 7 /-</u> | <u>B60K 1 /-</u> | <u>B65D 51 /-</u> | 2020427701 | <u>C07C 231 /-</u> |
| 2019478593 | | 2021231693 | 2021221137 | | 2020415711 |
| 2019479404 | 2020405188 | <u>B60L 15 /-</u> | <u>B65D 55 /-</u> | <u>C04B 14 /-</u> | <u>C07C 233 /-</u> |
| <u>B01J 35 /-</u> | <u>B25J 11 /-</u> | 2020430909 | 2021224775 | 2020412801 | 2020415711 |
| 2019478593 | 2020409806 | | | <u>C04B 18 /-</u> | 2021236256 |
| 2019479404 | 2021238454 | <u>B60L 53 /-</u> | <u>B65D 65 /-</u> | 2020415707 | <u>C07C 235 /-</u> |
| <u>B01J 8 /-</u> | <u>B25J 15 /-</u> | 2021231693 | 2021224775 | | 2021236256 |
| 2021214914 | 2021238454 | <u>B60L 58 /-</u> | <u>B65D 71 /-</u> | <u>C04B 20 /-</u> | |
| <u>B01L 3 /-</u> | <u>B25J 9 /-</u> | 2021231693 | 2021211442 | 2020415707 | <u>C07C 247 /-</u> |
| 2021211430 | 2020409806 | <u>B60Q 1 /-</u> | | <u>C04B 28 /-</u> | 2020412716 |
| 2021212353 | 2021214415 | | <u>B65D 85 /-</u> | 2021229533 | <u>C07C 269 /-</u> |
| | 2021238454 | 2021205517 | 2021222411 | 2021230034 | |
| <u>B02C 13 /-</u> | <u>B26B 19 /-</u> | 2021246451 | 2021222563 | 2021231004 | 2020412716 |
| 2021215420 | 2021238344 | | 2021223100 | <u>C04B 40 /-</u> | |
| | 2021240069 | | | 2021206705 | |

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

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|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| <u>C07C 275 /-</u> | <u>C07D 235 /-</u> | 2020412429 | 2021217534 | <u>C09K 3 /-</u> | 2020417930 |
| 2021236256 | 2021236256 | 2020412615 | 2021218675 | | 2020418026 |
| | 2021244108 | 2020412698 | 2021236660 | 2021228375 | 2020418228 |
| <u>C07C 279 /-</u> | | <u>C07D 491 /-</u> | 2021236906 | <u>C09K 8 /-</u> | 2020419156 |
| 2020415711 | <u>C07D 239 /-</u> | 2020412429 | 2021242249 | | 2020421142 |
| | 2020420734 | 2020482966 | 2021271695 | 2020441234 | 2020462829 |
| <u>C07C 303 /-</u> | 2021215747 | | <u>C07K 19 /-</u> | 2021215942 | 2020479791 |
| 2020415711 | <u>C07D 257 /-</u> | <u>C07D 498 /-</u> | 2020462829 | 2021216477 | 2021206705 |
| | 2021236256 | 2020412429 | 2021206472 | 2021222041 | 2021207643 |
| <u>C07C 309 /-</u> | | 2021206100 | <u>C07K 7 /-</u> | <u>C10L 3 /-</u> | 2021210993 |
| 2021236256 | <u>C07D 261 /-</u> | 2021213408 | 2020421142 | | 2021211430 |
| <u>C07C 311 /-</u> | 2020413284 | <u>C07D 519 /-</u> | 2021206472 | <u>C11D 1 /-</u> | 2021212668 |
| 2020415711 | <u>C07D 307 /-</u> | 2020410900 | <u>C08G 101 /-</u> | 2020404900 | 2021212749 |
| | 2020408039 | 2021206100 | 2021209450 | 2021211929 | 2021213025 |
| <u>C07C 317 /-</u> | | 2021213408 | <u>C08G 18 /-</u> | <u>C11D 10 /-</u> | 2021216843 |
| 2021236256 | <u>C07D 401 /-</u> | <u>C07F 7 /-</u> | 2021209450 | | 2021217073 |
| | 2020410900 | 2021227185 | <u>C08G 2 /-</u> | <u>C12N 5 /-</u> | 2020421142 |
| <u>C07C 319 /-</u> | 2020413284 | <u>C07F 9 /-</u> | 2021209450 | | 2020431140 |
| 2020415711 | 2020414492 | | 2021217266 | <u>C11D 3 /-</u> | 2020462829 |
| 2021265672 | 2020414688 | 2021221986 | <u>C08G 59 /-</u> | 2020404593 | 2021205324 |
| | 2021213804 | 2021227185 | 2021214418 | 2020404594 | 2021211430 |
| <u>C07C 323 /-</u> | 2021244108 | <u>C07H 19 /-</u> | <u>C08G 65 /-</u> | 2020404900 | 2021214143 |
| 2021236256 | <u>C07D 403 /-</u> | 2021216049 | 2020410142 | 2020410142 | 2021217073 |
| 2021265672 | | 2021227185 | 2021211929 | 2021211929 | 2021217829 |
| <u>C07C 41 /-</u> | 2020415377 | <u>C07K 1 /-</u> | <u>C12C 3 /-</u> | | <u>C12N 7 /-</u> |
| | 2020427632 | 2021209866 | 2021288251 | | 2020415310 |
| 2019478593 | 2021226349 | <u>C07K 14 /-</u> | <u>C12C 5 /-</u> | <u>C12N 9 /-</u> | 2020479791 |
| 2019479404 | <u>C07D 405 /-</u> | 2020407233 | 2020408039 | | 2021205250 |
| 2020415711 | 2020414492 | 2020413775 | <u>C08J 5 /-</u> | <u>C12N 5 /-</u> | 2021223783 |
| | 2020427632 | 2020414441 | 2021217266 | 2020413775 | <u>C12N 9 /-</u> |
| <u>C07C 43 /-</u> | 2021236284 | 2020419156 | <u>C08K 5 /-</u> | 2021288251 | 2020411469 |
| 2019478593 | <u>C07D 409 /-</u> | 2020431140 | 2021209429 | <u>C12F 3 /-</u> | 2021212668 |
| 2019479404 | 2020414492 | 2021204681 | <u>C08K 7 /-</u> | | 2021212770 |
| 2020415711 | 2020420734 | 2021206472 | 2021217266 | <u>C12G 1 /-</u> | 2021214174 |
| | <u>C07D 413 /-</u> | 2021206705 | <u>C08K 9 /-</u> | 2021288251 | 2021217749 |
| <u>C07C 51 /-</u> | 2020407664 | 2021210993 | 2021217266 | <u>C12G 3 /-</u> | 2021242249 |
| 2020415711 | 2020413284 | 2021211451 | <u>C08L 5 /-</u> | | <u>C12P 19 /-</u> |
| | 2021212770 | 2021211721 | 2020413349 | <u>C12G 3 /-</u> | 2020411469 |
| <u>C07C 66 /-</u> | 2021236284 | 2021214064 | <u>C08L 61 /-</u> | 2021288251 | <u>C12P 21 /-</u> |
| 2021236256 | <u>C07D 417 /-</u> | 2021217534 | 2021217266 | <u>C12M 1 /-</u> | 2021210157 |
| | 2021212770 | 2021217681 | <u>C08L 89 /-</u> | 2020427585 | <u>C12P 7 /-</u> |
| <u>C07D 207 /-</u> | 2021226349 | 2021217959 | 2020413349 | 2021211430 | 2021217749 |
| 2020408039 | <u>C07D 471 /-</u> | 2021223184 | <u>C08L 61 /-</u> | 2021217829 | <u>C12Q 1 /-</u> |
| | 2020404319 | 2021223783 | 2021209429 | 2021241070 | 2020411961 |
| <u>C07D 209 /-</u> | 2020410900 | <u>C07K 16 /-</u> | <u>C08L 63 /-</u> | <u>C12M 3 /-</u> | 2020415445 |
| 2021213804 | 2020412429 | 2020407233 | 2021217266 | 2020427585 | 2021205408 |
| | 2020412472 | 2020413633 | <u>C08L 89 /-</u> | <u>C12N 1 /-</u> | 2021209101 |
| <u>C07D 213 /-</u> | 2020412615 | 2020415382 | 2020413349 | | 2021214174 |
| 2021236256 | 2020412698 | 2021205433 | <u>C09D 7 /-</u> | 2020412216 | 2021217073 |
| | 2021206100 | 2021206618 | 2021210361 | 2021210157 | 2021225020 |
| <u>C07D 231 /-</u> | 2021207159 | 2021207643 | | 2021418327 | 2021236660 |
| 2021213804 | 2021208129 | 2021210412 | <u>C09D 7 /-</u> | <u>C12N 15 /-</u> | 2021241070 |
| | <u>C07D 487 /-</u> | 2021210669 | 2021210361 | | 2021418327 |
| | 2020410900 | 2021213177 | | 2020411469 | <u>C12R 1 /-</u> |
| | | 2021214064 | | 2020414441 | 2020414298 |
| | | 2021214370 | | 2020415310 | 2020479791 |
| | | 2021214795 | | | 2021210157 |
| | | 2021215332 | | | |

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

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|--|--|--|--|--------------------------|---------------------------|
| <u>C22B 3 /-</u> | <u>D21F 9 /-</u> | <u>E04B 5 /-</u> | <u>E21B 17 /-</u> | <u>F03D 1 /-</u> | <u>F16K 31 /-</u> |
| 2021215843 | 2020419161 | 2020407157 | 2021209577 | 2021227962 | 2021205896 |
| <u>C23C 4 /-</u> | <u>D21H 17 /-</u> | <u>E04C 2 /-</u> | <u>E21B 19 /-</u> | <u>F03G 7 /-</u> | <u>F16K 47 /-</u> |
| 2021338582 | 2020419161 | 2021229533 2021230034 2021231004 | 2021209577 | 2020427701 | 2021205238 2021205836 |
| <u>C23F 11 /-</u> | <u>D21H 23 /-</u> | <u>E04C 3 /-</u> | <u>E21B 21 /-</u> | <u>F04B 43 /-</u> | <u>F16K 5 /-</u> |
| 2021244108 | 2020419161 | 2021229533 2021230034 2021231004 | 2020443361 | 2021264049 2021265294 | 2021205836 |
| <u>C25B 1 /-</u> | <u>E01B 27 /-</u> | <u>E04F 11 /-</u> | <u>E21B 31 /-</u> | <u>F04B 53 /-</u> | <u>F16L 11 /-</u> |
| 2019478718 2021216120 | 2021238764 2021238765 | 2021208346 | 2020443367 | 2021264049 2021265294 | 2020428940 |
| <u>C25B 13 /-</u> | <u>E01C 11 /-</u> | <u>E04F 15 /-</u> | <u>E21B 34 /-</u> | <u>F04C 18 /-</u> | <u>F16L 15 /-</u> |
| 2019478718 | 2020407157 | 2021209450 | 2020443367 2021209577 | 2021210565 | 2021297293 |
| <u>C25B 15 /-</u> | <u>E01C 19 /-</u> | <u>E04F 21 /-</u> | <u>E21B 43 /-</u> | <u>F04C 28 /-</u> | <u>F16L 53 /-</u> |
| 2020412986 2021216120 | 2021217023 | 2020415492 | 2020426848 2020441234 2021209577 | 2021210565 | 2020428940 |
| <u>C25B 3 /-</u> | <u>E01C 23 /-</u> | <u>E04G 21 /-</u> | <u>E21B 47 /-</u> | <u>F04D 29 /-</u> | <u>F21S 13 /-</u> |
| 2020412986 | 2020405188 | 2021217023 2021229533 2021230034 2021231004 | 2020443361 2020443367 | 2021210097 2021211077 | 2020423317 |
| <u>C25B 9 /-</u> | <u>E01C 5 /-</u> | <u>E04G 5 /-</u> | <u>E21D 20 /-</u> | <u>F15B 11 /-</u> | <u>F21S 4 /-</u> |
| 2020412986 | 2020405188 | 2021208346 | 2021372954 | 2021210862 | 2021205517 |
| 2019478718 2020412986 | <u>E01F 13 /-</u> | <u>E04H 1 /-</u> | <u>E21D 9 /-</u> | <u>F16B 21 /-</u> | <u>F21S 8 /-</u> |
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| <u>C25C 1 /-</u> | <u>E01F 15 /-</u> | <u>E04H 17 /-</u> | <u>F01K 1 /-</u> | <u>F16B 23 /-</u> | <u>F21S 9 /-</u> |
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| <u>C25C 7 /-</u> | <u>E02B 3 /-</u> | <u>E04H 4 /-</u> | <u>F01K 25 /-</u> | <u>F16B 35 /-</u> | <u>F21V 23 /-</u> |
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| <u>D04H 13 /-</u> | <u>E02F 9 /-</u> | <u>E05B 65 /-</u> | <u>F01K 7 /-</u> | <u>F16B 45 /-</u> | <u>F21Y 115 /-</u> |
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| <u>D21C 3 /-</u> | <u>E06B 9 /-</u> | <u>E21B 15 /-</u> | <u>F02C 6 /-</u> | <u>F16C 41 /-</u> | <u>F23G 7 /-</u> |
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| <u>D21F 1 /-</u> | <u>E06B 9 /-</u> | <u>F02N 11 /-</u> | <u>F02C 6 /-</u> | <u>F16C 41 /-</u> | <u>F24C 7 /-</u> |
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| <u>D21F 11 /-</u> | <u>E21B 15 /-</u> | <u>F03B 13 /-</u> | <u>F02N 11 /-</u> | <u>F16G 11 /-</u> | <u>F24F 1 /-</u> |
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| | | | | 2021205896 | |

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

| | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <u>F24F 12 /-</u> | <u>G01J 5 /-</u> | <u>G01R 27 /-</u> | <u>G05D 25 /-</u> | <u>G06Q 20 /-</u> | <u>G09F 3 /-</u> |
| 2021226620 | 2021213022 | 2021215447 | 2021213061 | 2021220309 | 2021212177 |
| <u>F24F 13 /-</u> | <u>G01N 1 /-</u> | <u>G01R 31 /-</u> | <u>G06C 15 /-</u> | <u>G06Q 30 /-</u> | <u>G09G 3 /-</u> |
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| 2021210382 | <u>G01N 21 /-</u> | 2020406213 | 2021209880 | <u>G06T 19 /-</u> | 2020415310 |
| <u>F24S 50 /-</u> | <u>G01S 5 /-</u> | <u>G01S 5 /-</u> | <u>G06F 12 /-</u> | 2020409014 | <u>G16B 20 /-</u> |
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| <u>F25B 49 /-</u> | 2021208674 2021213468 | <u>G01S 7 /-</u> | <u>G06F 16 /-</u> | 2020409014 | 2021208683 2021208684 |
| 2021275207 | 2021218905 2021223869 | 2021214621 | 2021210357 | <u>G06T 7 /-</u> | 2021211138 |
| <u>F25D 11 /-</u> | 2021241070 | <u>G01V 1 /-</u> | <u>G06F 17 /-</u> | 2020408386 2020412262 | <u>G16B 30 /-</u> |
| 2021372198 | <u>G01N 23 /-</u> | 2021211715 | 2020415707 2021205809 | 2020426906 2021212906 | 2020415310 |
| <u>F25D 17 /-</u> | 2020412262 | <u>G02B 21 /-</u> | <u>G06F 21 /-</u> | <u>G07C 9 /-</u> | <u>G16B 40 /-</u> |
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| 2021372198 | <u>G01N 30 /-</u> | 2020415708 | 2021211965 | <u>G07F 7 /-</u> | <u>G16H 20 /-</u> |
| <u>F26B 25 /-</u> | 2020419156 2021212211 | <u>G02B 27 /-</u> | <u>G06F 8 /-</u> | 2021220309 | 2020414040 2021206190 |
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| <u>F26B 5 /-</u> | <u>G01N 33 /-</u> | <u>G02B 6 /-</u> | <u>G06K 19 /-</u> | 2020416786 2020431574 | 2021241536 |
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| <u>G01C 21 /-</u> | 2021236235 2021236660 | <u>G05B 19 /-</u> | <u>G06N 3 /-</u> | <u>G08G 5 /-</u> | 2021214143 |
| 2021213398 | 2021241070 2021265294 | 2021210862 | 2020415707 2021217374 | 2021211965 2021214621 | <u>H01F 6 /-</u> |
| <u>G01D 21 /-</u> | <u>G01N 9 /-</u> | <u>G05D 1 /-</u> | <u>G06Q 10 /-</u> | 2020412495 2021241395 | 2020406006 |
| 2020419320 | 2021227741 2021227742 | 2021211446 2021246451 | | | |

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

| | | | |
|--|--|--------------------------|--------------------------|
| <u>H01G 9 /-</u> | 2021210100 | <u>H04B 7 /-</u> | <u>H05B 3 /-</u> |
| 2020416786 | <u>H02B 1 /-</u> | 2020423946 | 2021213022 |
| <u>H01J 37 /-</u> | 2020414412 | <u>H04L 1 /-</u> | <u>H05B 45 /-</u> |
| 2021217030 | <u>H02G 1 /-</u> | 2021218959 | 2021233220 |
| <u>H01J 49 /-</u> | 2020408394 | <u>H04L 12 /-</u> | <u>H05K 5 /-</u> |
| 2021214764 | <u>H02G 15 /-</u> | 2021240619 | 2020414412 |
| <u>H01L 25 /-</u> | 2020428940 2021210100 | <u>H04L 47 /-</u> | |
| 2021209929 | <u>H02G 3 /-</u> | 2021265486 | |
| <u>H01L 27 /-</u> | 2021210100 | <u>H04L 5 /-</u> | |
| 2021209929 | <u>H02H 5 /-</u> | 2021206754 | |
| <u>H01L 31 /-</u> | 2021208878 | <u>H04L 9 /-</u> | |
| 2021210856 2021212580 | <u>H02J 1 /-</u> | 2021217374 | |
| <u>H01L 33 /-</u> | 2021213039 | <u>H04M 1 /-</u> | |
| 2021209929 | <u>H02J 3 /-</u> | 2020423946 | |
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| <u>H01Q 19 /-</u> | 2020419320 | <u>H04N 5 /-</u> | |
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| <u>H01R 25 /-</u> | 2020447556 | <u>H04R 1 /-</u> | |
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| <u>H01R 33 /-</u> | 2021210382 2021212580 | <u>H04W 4 /-</u> | |
| 2020423317 2021212177 | <u>H02S 40 /-</u> | 2020459846 2021213398 | |
| <u>H01R 4 /-</u> | 2021207402 | <u>H04W 72 /-</u> | |
| 2019480471 2021210975 | <u>H03K 5 /-</u> | 2021206754 | |
| <u>H01R 9 /-</u> | 2020447556 | <u>H04W 88 /-</u> | |
| 2019480471 | <u>H04B 3 /-</u> | 2021218959 | |
| 2021210975 | 2020447556 | <u>H05B 1 /-</u> | |
| <u>H01R 9 /-</u> | 2021240619 | 2021213022 | |
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A61K 31/4178 (2006.01)
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G06F 3/0484 (2022.01)
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A63B 21/072 (2006.01)
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B32B 5/26 (2006.01)
B32B 15/02 (2006.01)
B32B 15/08 (2006.01)
B32B 15/092 (2006.01)
B32B 27/18 (2006.01)
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B32B 27/30 (2006.01)
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G06Q 10/10 (2012.01)
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C07D 241/08 (2006.01)
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G01N 1/38 (2006.01)
G01N 21/76 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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- (71) ZTE Corporation
 (11) AU-B-2018436759
 (21) 2018436759 (22) 28.09.2018
 (54) Tracking area update and paging method for non-terrestrial satellite networks
 (51) Int. Cl.
 H04W 68/00 (2009.01)
 H04W 60/00 (2009.01)
 (87) WO2020/034333
 (43) 20.02.2020
 (44) 18.08.2022
 (72) DOU, Jianwu; ZHANG, Nan; SHI, Xiaojuan; CAO, Wei; HUANG, He; YANG, Li
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) ZTE Corporation
 (11) AU-B-2019372674
 (21) 2019372674 (22) 01.11.2019
 (54) Methods and devices for sending and receiving messages, and storage medium
 (51) Int. Cl.
 H04W 72/12 (2009.01)
 H04W 4/70 (2018.01)
 (87) WO2020/088638
 (31) 201811297226.7 (32) 01.11.18 (33) CN
 (43) 07.05.2020
 (44) 18.08.2022
 (72) FANG, Huiying; DAI, Bo
 (74) Davies Collison Cave Pty Ltd

Numerical Index

| | | | |
|-------------------|---|-------------------|--|
| 2016225782 | Pump & Electrical Engineering Services Pty Ltd | 2017300606 | Essilor International |
| 2016262093 | Seattle Children's Hospital (dba Seattle Children's Research Institute) | 2017301095 | Haemokinesis Pty. Ltd. |
| 2016282869 | Sanofi Biotechnology SAS | 2017302286 | OrthoPediatrics Corp.; Kapstone Medical, LLC |
| 2016290650 | Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V. | 2017303678 | Haulotte Group |
| 2016302064 | LIA Diagnostics, Inc. | 2017306918 | BASF SE |
| 2016307234 | Limagrain Europe | 2017314767 | ImpediMed Limited |
| 2016307935 | Zoetis Services LLC; The University of Melbourne | 2017317800 | Anji Borui Import And Export Trade Co., Ltd. |
| 2016312197 | bioMerieux, Inc. | 2017318156 | Parvayim Anstalt |
| 2016315873 | Primatepe Therapeutics Inc. | 2017320908 | Sigvaris AG |
| 2016318774 | FUJIFILM Cellular Dynamics, Inc. | 2017322337 | Dematic Corp. |
| 2016342112 | Danieli Corus B.V. | 2017324075 | Caterpillar Inc. |
| 2016342179 | FUJIFILM Cellular Dynamics, Inc. | 2017325719 | J.D. Franco & Co., LLC |
| 2016342546 | Cizzle Biotechnology Limited | 2017326173 | Baylor College of Medicine |
| 2016348545 | Danieli Corus B.V. | 2017330454 | Magic Leap, Inc. |
| 2016358718 | Katholieke Universiteit Leuven; Université Libre de Bruxelles | 2017339966 | CiDRA Corporate Services LLC |
| 2016363676 | NewSouth Innovations Pty Limited | 2017339980 | Shockwave Medical, Inc. |
| 2016382107 | Amano Enzyme Inc. | 2017346481 | Nevedos Engineering, Inc. |
| 2016409297 | Global Secure SA | 2017348101 | Covidien LP |
| 2016409298 | Global Secure SA | 2017355779 | NTT DOCOMO, INC. |
| 2016416839 | Soletanche Freyssinet | 2017358405 | Aspire Surgical Pty Ltd |
| 2016425829 | Becton, Dickinson and Company | 2017365642 | Société des Produits Nestlé S.A. |
| 2016425950 | Sandvik Intellectual Property AB | 2017367706 | Evoqua Water Technologies Limited |
| 2016427120 | Pepsico, Inc. | 2017369590 | Maven Wireless Sweden AB |
| 2016427128 | PepsiCo Inc. | 2017378051 | Wellmark International |
| 2016427130 | PepsiCo Inc. | 2017379868 | Cargill, Incorporated |
| 2017202626 | Reyco Granning, LLC | 2017382506 | Halliburton Energy Services, Inc. |
| 2017202658 | Bordin, D. | 2017384508 | Thales |
| 2017203020 | Trambas, P.; Trambas, D. | 2017394681 | Qualcomm Incorporated |
| 2017203165 | AEROLOGIX GROUP PTY LTD | 2017410328 | Prysmian S.p.A. |
| 2017206470 | LG Household & Health Care Ltd. | 2018202848 | ALSTOM Transport Technologies |
| 2017214766 | Reflex Instruments Asia Pacific Pty Ltd | 2018208046 | Innovative Medical Technology (Pty) Ltd |
| 2017215330 | Torque Fitness, LLC | 2018208491 | Expro Meters, Inc. |
| 2017217225 | Esco Group LLC | 2018211504 | Xintela AB |
| 2017217413 | Tensor International Corporation | 2018216246 | Bilberry SAS |
| 2017218389 | Johnson & Johnson Consumer Inc. | 2018218318 | ANB Sensors Limited; Gahlings, S. |
| 2017225417 | The Coca-Cola Company | 2018224430 | ENI S.p.A. |
| 2017225999 | The Board of Trustees of the Leland Stanford Junior University | 2018227081 | The Boeing Company |
| 2017236521 | Global Tel*Link Corp. | 2018230036 | Raytheon Company |
| 2017239497 | Big Dutchman International GmbH | 2018251805 | X-Therma, Inc. |
| 2017244044 | Inventys Thermal Technologies Inc. | 2018260374 | Ahlstrom-Munksjö Oyj |
| 2017246554 | Loxo Oncology, Inc. | 2018265460 | AntalGenics, S.L. |
| 2017249444 | CarbonCure Technologies Inc. | 2018266531 | Qualcomm Incorporated |
| 2017250447 | Ubamarket Ltd | 2018267204 | Klein, Š. |
| 2017251487 | Haulotte Group | 2018277595 | BAE Systems plc |
| 2017254534 | Precision Planting LLC | 2018295431 | Johnson Matthey Davy Technologies Limited |
| 2017257425 | ArcelorMittal | 2018302855 | OncoTherapy Science, Inc.; Tokushima University |
| 2017265243 | BAE Systems Hägglunds Aktiebolag | 2018303017 | Samsung Electronics Co., Ltd. |
| 2017273650 | ACCESS TO ADVANCED HEALTH INSTITUTE | 2018303561 | Sheldon-Coulson, G.; Moffat, B. |
| 2017276139 | Petroleum Technology Company AS | 2018305208 | Rhodia Operations |
| 2017276221 | Shin-Etsu Chemical Co., Ltd.; Toyota Jidosha Kabushiki Kaisha | 2018307695 | Bticino S.p.A. |
| 2017277661 | Becton, Dickinson and Company | 2018307944 | Premier Energy Holdings, Inc. |
| 2017278303 | Repligen Corporation | 2018311926 | Sharp Kabushiki Kaisha; FG Innovation Company Limited |
| 2017279995 | Becton, Dickinson and Company | 2018319219 | Zhejiang NHU Company Ltd.; Zhejiang University; Heilongjiang NHU Biotechnology Company Ltd.; Shangyu NHU Biological Chemical Co., Ltd. |
| 2017283047 | voestalpine BWG GmbH; voestalpine VAE GmbH | 2018320868 | Qualcomm Incorporated |
| 2017285424 | International AIDS Vaccine Initiative, Inc. | 2018328574 | Nokia Shanghai Bell Co., Ltd. |
| 2017285609 | Mitsubishi Tanabe Pharma Corporation | 2018330296 | Qualcomm Incorporated |
| 2017292924 | The Regents of the University of California | 2018347789 | Urban Electric Networks Ltd |
| 2017293472 | Tongue Lab Europe Ltd. | 2018358238 | The Scripps Research Institute |
| 2017293658 | Sands, B.K.; SandyLakes Limited | 2018362024 | MeMed Diagnostics Ltd. |
| 2017294476 | Elopak AS | 2018379438 | Boehringer Ingelheim International GmbH |
| 2017295730 | L3Harris Open Water Power, Inc. | 2018391580 | Syngenta Crop Protection AG |
| 2017297300 | Wisconsin Alumni Research Foundation | 2018400376 | Schreder SA |
| 2017300493 | Endotronix, Inc. | 2018408416 | Dubai Aviation Engineering Projects |
| | | 2018436759 | ZTE Corporation |
| | | 2018454921 | Kraft Foods Schweiz Holding GmbH |

Applications Accepted - Numerical Index cont'd

| | | | |
|------------|--|------------|--|
| 2019213628 | Bioboorn Limited | 2020233756 | Technological Resources Pty Ltd |
| 2019232908 | Neogen Corporation | 2020244537 | SDB IP Holdings, LLC |
| 2019233338 | FUJIFILM Corporation | 2020256403 | Acument Intellectual Properties, LLC |
| 2019242736 | ELC Management LLC | 2020257112 | InterDigital VC Holdings, Inc. |
| 2019269408 | The Procter & Gamble Company | 2020267191 | Yale University |
| 2019273030 | Repligen Corporation | 2020267261 | Schenck Process Australia Pty Ltd |
| 2019273971 | Bridgestone Corporation | 2020273298 | ULIKEKOREA CO., INC |
| 2019275665 | NanoString Technologies, Inc. | 2020274108 | ForTruss, LLC |
| 2019276160 | Universiteit Gent; Vrije Universiteit Brussel | 2020274536 | Morse Micro Pty. Ltd. |
| 2019277417 | Aichi Co., Ltd. | 2020277081 | B&L Biotech, Inc.; Lee, I.W. |
| 2019284269 | Wing Aviation LLC | 2020286189 | THE CASHMERE CAVEMAN CO, WILD KITCHENS LIMITED |
| 2019290674 | W. L. Gore & Associates, Inc. | 2020294152 | Echowell Electronic Co., Ltd. |
| 2019297194 | Lime Lite Sales And Marketing Pty Ltd | 2020294212 | Molecular Templates, Inc. |
| 2019303619 | Sino Research Institute of Roll Forming Industry (Cao-feidian) Co., Ltd. | 2020325362 | Twitter, Inc. |
| 2019304014 | AstraZeneca AB | 2020368984 | Beijing Research Center of Intelligent Equipment for Agriculture |
| 2019309987 | Taiho Pharmaceutical Co., Ltd.; Otsuka Pharmaceutical Co., Ltd. | 2020372815 | Zebra Technologies Corporation |
| 2019311385 | NeoDrill AS | 2020385370 | Intuit Inc. |
| 2019315689 | Fronius International GmbH | 2020390354 | BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd. |
| 2019334734 | LG Electronics Inc. | 2020396486 | Franklin Armory Holdings, Inc. |
| 2019335236 | Shanghai Sanyou Medical Co., Ltd. | 2020404443 | Arrowes IP Holdings Pty Ltd |
| 2019337890 | Nippon Steel Corporation | 2020407538 | JOST-Werke Deutschland GmbH |
| 2019340215 | Auckland UniServices Limited | 2020411053 | Phoenix Eagle Company Pty Ltd |
| 2019340257 | Ball Corporation | 2020465162 | Saidian, S. |
| 2019344145 | Ishida Co., Ltd. | 2021200254 | Huawei Technologies Co., Ltd. |
| 2019346568 | W. L. Gore & Associates, Inc. | 2021200305 | Lifetime Products, Inc. |
| 2019346843 | The Brigham and Women's Hospital, Inc. | 2021200373 | NeuSpera Medical Inc. |
| 2019349408 | Apple Inc. | 2021200521 | Visa International Service Association |
| 2019364245 | Tableau Software, Inc. | 2021200630 | NAVICO HOLDING AS |
| 2019365078 | Intercontinental Great Brands LLC | 2021200800 | Immatics Biotechnologies GmbH |
| 2019371997 | Qingdao University of Technology; Ningbo Sanhan Alloy Material Co., Ltd. | 2021201134 | InterDigital Patent Holdings, Inc. |
| 2019372611 | GLOBERIDE, Inc. | 2021201188 | Bayer CropScience Aktiengesellschaft |
| 2019372674 | ZTE Corporation | 2021201446 | Becton, Dickinson and Company |
| 2019374317 | Unilever Global IP Limited | 2021201497 | Auth0, Inc. |
| 2019380483 | Nicoventures Trading Limited | 2021201750 | Ricoh Company, Limited |
| 2019391752 | GREE Electric Appliances, Inc. of Zhuhai | 2021201869 | Zimmer Biomet Spine, Inc. |
| 2019393437 | Nippon Telegraph and Telephone Corporation | 2021201873 | Cytec Industries Inc. |
| 2019397990 | Northrop Grumman Systems Corporation | 2021202113 | The Regents of the University of Michigan |
| 2019398216 | ESS-HELP, Inc. | 2021202188 | Orthosoft ULC |
| 2019408144 | Inner Mongolia North Hauler Joint Stock Co., Ltd. | 2021202396 | Sungrow Power Supply Co., Ltd. |
| 2019415941 | Baoshan Iron & Steel Co., Ltd. | 2021202668 | Würth International AG |
| 2019420254 | Hefei Midea Refrigerator Co., Ltd.; Hefei Hualing Co., Ltd.; Midea Group Co., Ltd. | 2021202675 | W.L. Gore & Associates, Inc. |
| 2019424803 | Weber-Stephen Products LLC | 2021202982 | Huawei Technologies Co., Ltd. |
| 2019426405 | Parity Quantum Computing GmbH | 2021203031 | NuVasive Specialized Orthopedics, Inc. |
| 2019430531 | Mitsubishi Electric Corporation | 2021203201 | MannKind Corporation |
| 2019433065 | Celloryx AG | 2021203308 | Waymo LLC |
| 2019433421 | Levena Biopharma Co., Ltd. | 2021203375 | CareFusion 303, Inc. |
| 2019443141 | GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. | 2021203751 | A-SHA REPUBLIC INC. |
| 2019443395 | South China University of Technology | 2021203779 | The University of North Carolina at Chapel Hill |
| 2019473210 | Vale S.A. | 2021203821 | SenseTime International Pte. Ltd. |
| 2020200719 | The Regents Of The University Of Colorado, A Body Corporate | 2021204090 | RECYCLED PLASTIC FOUNDATIONS PTY LTD |
| 2020200765 | FISHER & PAYKEL HEALTHCARE LIMITED | 2021204465 | AgeneBio, Inc. |
| 2020202401 | Li-Cycle Corp. | 2021204723 | Google LLC |
| 2020203494 | AbbVie Inc. | 2021204731 | KONTROL GROUP LIMITED |
| 2020203628 | Berlin, M.S. | 2021206847 | Sungrow Power Supply Co., Ltd. |
| 2020204028 | Myriad Genetics, Inc. | 2021209142 | Decibullz LLC |
| 2020204090 | Applied Medical Resources Corporation | 2021209728 | Lier Chemical Co., Ltd.; Guangan Lier Chemical Co., Ltd. |
| 2020204244 | Takeda Pharmaceutical Company Limited | 2021212138 | Accenture Global Solutions Limited |
| 2020206243 | Netflix, Inc. | 2021212144 | LivePerson, Inc. |
| 2020210154 | Nokia Technologies Oy | 2021217998 | Core Advantage Pty Ltd |
| 2020213352 | Autolus Limited | 2021218152 | Vetco Gray Scandinavia AS |
| 2020213379 | Sangamo Therapeutics, Inc. | 2021224532 | Sebor, P.; Sebor, R. |
| 2020214784 | Becton, Dickinson and Company | 2021290266 | Zendesk, Inc. |
| 2020220146 | Aerie Pharmaceuticals, Inc | 2022201459 | GE Video Compression, LLC |
| 2020223864 | Gebrüder Dorfner GmbH & Co. Kaolin- und Kristallquarzsand-Werke KG | 2022202044 | Apple Inc. |
| 2020233716 | Aristocrat Technologies Australia Pty Limited | 2022202300 | KOPPERS PERFORMANCE CHEMICALS INC. |
| | | 2022203556 | Elementum 3D, Inc. |

IPC Index

| | | | | | |
|--|--------------------------|--|--|--|--|
| <u>A01B 61 /-</u> | <u>A23C 9 /-</u> | <u>A61B 10 /-</u> | 2020203494 2020220146 2020267191 2021201188 2021202113 2021204465 | <u>A61L 26 /-</u> | <u>A61P 31 /-</u> |
| 2017254534 | 2017379868 | 2018362024 | | 2020411053 | 2020203494 |
| <u>A01C 23 /-</u> | <u>A23G 1 /-</u> | <u>A61B 17 /-</u> | | <u>A61L 27 /-</u> | <u>A61P 35 /-</u> |
| 2017254534 | 2018454921 | 2017302286 2017325719 2017339980 | | 2018211504 2019276160 | 2017246554 2018265460 2018302855 2019233338 2019309987 2021202113 |
| <u>A01C 5 /-</u> | <u>A23G 3 /-</u> | 2017358405 2018208046 2019335236 2020204090 2021202188 2021203031 | <u>A61K 33 /-</u> | <u>A61L 9 /-</u> | |
| 2017254534 | 2018454921 2019365078 | | 2017206470 2019233338 | 2021204731 | |
| <u>A01C 7 /-</u> | <u>A23L 19 /-</u> | <u>A61K 35 /-</u> | | <u>A61M 1 /-</u> | <u>A61P 43 /-</u> |
| 2017254534 | 2017379868 | 2017225999 2017326173 2018211504 2021203779 | | 2017325719 | 2018302855 2019233338 2019309987 |
| <u>A01H 1 /-</u> | <u>A23L 27 /-</u> | <u>A61B 3 /-</u> | | <u>A61M 16 /-</u> | |
| 2016307234 2016307935 | 2018305208 | 2017300606 2020203628 | <u>A61K 36 /-</u> | 2020200765 | <u>A61P 9 /-</u> |
| <u>A01K 11 /-</u> | <u>A23L 33 /-</u> | <u>A61B 34 /-</u> | 2020411053 | <u>A61M 25 /-</u> | 2017285609 |
| 2020273298 | 2017379868 | 2017348101 2021201869 2021202188 | <u>A61K 38 /-</u> | 2016425829 | <u>A61Q 11 /-</u> |
| <u>A01K 29 /-</u> | <u>A23L 7 /-</u> | <u>A61B 5 /-</u> | 2018302855 2020200719 2020203494 2020411053 2021203201 | <u>A61M 39 /-</u> | 2019269408 |
| 2020273298 | 2021203751 | 2017292924 2017300493 2017314767 2018362024 2021200373 | <u>A61K 39 /-</u> | 2016425829 2020214784 2021203375 | <u>A61Q 5 /-</u> |
| <u>A01K 45 /-</u> | <u>A23P 20 /-</u> | <u>A61B 90 /-</u> | | <u>A61M 5 /-</u> | 2019242736 |
| 2017239497 | 2018454921 | 2021201869 | 2016282869 2016307935 2016315873 2017225999 2017285424 2017326173 2019433065 2021200800 | <u>A61N 1 /-</u> | <u>A63B 21 /-</u> |
| <u>A01K 87 /-</u> | <u>A23P 30 /-</u> | | | 2017277661 2021201446 2021202675 | 2017215330 2021217998 |
| 2019372611 | 2018454921 2021203751 | <u>A61F 2 /-</u> | | <u>A61N 1 /-</u> | <u>A63B 24 /-</u> |
| <u>A01M 29 /-</u> | <u>A24B 15 /-</u> | 2017358405 2019290674 2019346568 | <u>A61K 45 /-</u> | 2017292924 2021200373 | 2017215330 2021217998 |
| 2021204731 | 2019380483 | <u>A61F 5 /-</u> | | <u>A61P 11 /-</u> | <u>A63F 13 /-</u> |
| <u>A01N 25 /-</u> | <u>A24F 40 /-</u> | 2017293472 | 2016315873 2017225999 2018358238 2019233338 | 2019304014 | 2019349408 |
| 2017378051 | 2019380483 | <u>A61F 9 /-</u> | <u>A61K 47 /-</u> | <u>A61P 13 /-</u> | <u>B01D 12 /-</u> |
| <u>A01N 37 /-</u> | <u>A43B 3 /-</u> | <u>A61F 9 /-</u> | 2017206470 2019433421 | 2018302855 | 2017293658 |
| 2017378051 | 2016409297 2016409298 | 2017325719 | | <u>A61P 15 /-</u> | <u>B01D 15 /-</u> |
| <u>A01N 43 /-</u> | <u>A43C 11 /-</u> | <u>A61G 13 /-</u> | <u>A61K 48 /-</u> | 2018302855 | <u>B01D 25 /-</u> |
| 2018391580 2021201188 2022202300 | 2017318156 | 2020274108 | 2016262093 | <u>A61P 17 /-</u> | 2017293658 |
| <u>A01N 59 /-</u> | <u>A45F 3 /-</u> | <u>A61J 9 /-</u> | | 2018265460 2020411053 | <u>B01D 29 /-</u> |
| 2017367706 2022202300 | 2021204090 | 2017218389 | <u>A61K 8 /-</u> | <u>A61P 19 /-</u> | 2017293658 2017324075 |
| <u>A01P 13 /-</u> | <u>A47B 37 /-</u> | <u>A61K 31 /-</u> | 2017206470 2019242736 2019269408 | 2018211504 | <u>B01D 35 /-</u> |
| 2018391580 | 2020286189 | 2017225999 2017246554 2017285609 2017297300 2018265460 2018379438 2019233338 2019304014 2019309987 | <u>A61K 9 /-</u> | <u>A61P 25 /-</u> | 2017324075 |
| <u>A01P 21 /-</u> | <u>A47F 3 /-</u> | | | 2017297300 2018265460 2018379438 | <u>B01D 46 /-</u> |
| 2018391580 | 2017225417 | | | <u>A61P 3 /-</u> | 2016342112 |
| <u>A01P 3 /-</u> | <u>A47J 37 /-</u> | | | 2021203201 | <u>B01D 53 /-</u> |
| 2022202300 | 2019424803 2020286189 | | | | |

Applications Accepted - IPC Index cont'd

| | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| 2016348545 | 2021202668 | 2018260374 | <u>B61L 3 /-</u> | <u>B65B 57 /-</u> | <u>C01B 33 /-</u> |
| 2017244044 | <u>B25B 21 /-</u> | 2021201873 | 2018202848 | | |
| 2017306918 | | <u>B32B 7 /-</u> | <u>B62B 3 /-</u> | 2019344145 | 2020223864 |
| 2021204731 | 2021202668 | | | <u>B65B 7 /-</u> | <u>C02F 1 /-</u> |
| <u>B01D 63 /-</u> | <u>B25B 23 /-</u> | 2018260374 | 2019277417 | 2017294476 | 2017339966 |
| 2019273030 | 2021202668 | <u>B33Y 10 /-</u> | <u>B62B 5 /-</u> | 2017367706 | |
| <u>B01D 69 /-</u> | <u>B27D 1 /-</u> | 2018454921 | 2019277417 | <u>B65B 9 /-</u> | <u>C04B 40 /-</u> |
| 2019273030 | 2017317800 | <u>B33Y 30 /-</u> | <u>B62D 5 /-</u> | 2019344145 | 2017249444 |
| <u>B01J 14 /-</u> | <u>B27K 3 /-</u> | 2018454921 | 2019408144 | 2019371997 | |
| 2019273030 | 2017317800 | <u>B60C 19 /-</u> | <u>B62D 53 /-</u> | <u>B65D 75 /-</u> | <u>C07C 235 /-</u> |
| <u>B01J 23 /-</u> | 2022202300 | 2019273971 | 2020407538 | 2017218389 | 2018265460 |
| 2016363676 | <u>B28B 1 /-</u> | <u>B60D 1 /-</u> | <u>B62D 55 /-</u> | <u>B65D 85 /-</u> | <u>C07C 271 /-</u> |
| <u>B01J 37 /-</u> | 2022203556 | 2020407538 | 2017265243 | 2017218389 | 2021209728 |
| 2016363676 | <u>B28C 5 /-</u> | <u>B60F 5 /-</u> | <u>B62D 7 /-</u> | 2018260374 | <u>C07C 45 /-</u> |
| <u>B01J 8 /-</u> | 2017249444 | 2018267204 | 2019408144 | <u>B65D 88 /-</u> | 2018305208 |
| 2018295431 | <u>B28C 7 /-</u> | <u>B60G 11 /-</u> | <u>B63B 13 /-</u> | 2018408416 | <u>C07C 46 /-</u> |
| <u>B01L 3 /-</u> | 2017249444 | 2017265243 | 2017367706 | 2018408416 | 2018319219 |
| 2018362024 | <u>B29C 41 /-</u> | <u>B60G 9 /-</u> | <u>B63B 49 /-</u> | <u>B65G 1 /-</u> | <u>C07C 47 /-</u> |
| <u>B01L 7 /-</u> | 2022203556 | 2017202626 | 2021200630 | 2017301095 | 2018305208 |
| 2018362024 | <u>B29C 48 /-</u> | <u>B60L 53 /-</u> | <u>B64C 35 /-</u> | <u>B65G 41 /-</u> | <u>C07C 51 /-</u> |
| <u>B01L 9 /-</u> | 2021200305 | 2018347789 | 2018267204 | 2016425950 | 2018305208 |
| 2017301095 | 2022203556 | <u>B60P 1 /-</u> | <u>B64C 37 /-</u> | <u>B65G 53 /-</u> | <u>C07C 59 /-</u> |
| <u>B02C 23 /-</u> | <u>B29C 49 /-</u> | 2017203020 | 2018267204 | 2017293658 | 2018305208 |
| 2020202401 | 2021200305 | <u>B60P 3 /-</u> | <u>B64C 39 /-</u> | <u>B65G 57 /-</u> | <u>C07D 207 /-</u> |
| <u>B03B 1 /-</u> | <u>B29C 67 /-</u> | 2017203020 | 2019284269 | 2017301095 | 2020203494 |
| 2017339966 | 2022203556 | <u>B60Q 1 /-</u> | <u>B64D 1 /-</u> | <u>B65G 67 /-</u> | <u>C07D 235 /-</u> |
| <u>B03D 1 /-</u> | <u>B30B 9 /-</u> | 2019398216 | 2019284269 | 2020267261 | 2021201188 |
| 2017339966 | 2017293658 | <u>B60R 1 /-</u> | <u>B64D 11 /-</u> | <u>B65G 69 /-</u> | <u>C07D 239 /-</u> |
| <u>B05B 5 /-</u> | <u>B31B 50 /-</u> | 2020407538 | 2018408416 | 2020267261 | 2018391580 |
| 2020368984 | 2017294476 | <u>B60R 11 /-</u> | <u>B64F 1 /-</u> | <u>B65H 26 /-</u> | <u>C07D 241 /-</u> |
| <u>B05D 3 /-</u> | <u>B32B 15 /-</u> | 2020407538 | 2019284269 | 2019340257 | 2021203201 |
| 2018227081 | 2019415941 | 2021203308 | <u>B65B 19 /-</u> | <u>B66F 11 /-</u> | <u>C07D 307 /-</u> |
| <u>B21C 37 /-</u> | 2021201873 | <u>B60R 21 /-</u> | 2019371997 | 2017251487 | 2018305208 |
| 2019303619 | 2019273030 | 2021203308 | 2019371997 | 2017303678 | <u>C07D 401 /-</u> |
| <u>B23K 9 /-</u> | 2021201873 | <u>B60W 30 /-</u> | <u>B65B 3 /-</u> | <u>B66F 17 /-</u> | 2018391580 |
| 2019443395 | <u>B32B 29 /-</u> | 2021203308 | 2017294476 | 2017251487 | 2020203494 |
| <u>B23Q 3 /-</u> | 2018260374 | <u>B60W 40 /-</u> | 2017301095 | 2017303678 | 2021201188 |
| 2020233756 | <u>B32B 3 /-</u> | 2021203308 | <u>B65B 5 /-</u> | <u>B66F 9 /-</u> | <u>C07D 403 /-</u> |
| <u>B25B 15 /-</u> | 2019273030 | <u>B60W 50 /-</u> | 2017301095 | 2017303678 | 2018391580 |
| 2020256403 | <u>B32B 5 /-</u> | 2021203308 | <u>B65B 51 /-</u> | <u>B82Y 10 /-</u> | 2019304014 |
| | | | 2019344145 | 2019397990 | 2020203494 |
| | | | | | 2021201188 |

Applications Accepted - IPC Index cont'd

| | | | | | |
|--|---------------------------|--|--|--------------------------|---------------------------|
| <u>C07D 405 /-</u> | <u>C07K 19 /-</u> | <u>C12M 1 /-</u> | <u>C22B 1 /-</u> | <u>E02D 5 /-</u> | 2020233756 |
| 2018391580 2020203494 | 2017285424 | 2016312197 2017279995 2019273030 2019346843 | 2019473210 | 2021204090 | <u>E21B 49 /-</u> |
| <u>C07D 409 /-</u> | <u>C07K 5 /-</u> | | <u>C22B 26 /-</u> | <u>E02F 9 /-</u> | 2017214766 |
| 2021201188 | 2018251805 2019433421 | <u>C12M 3 /-</u> | 2020223864 | 2017217225 | <u>E21F 13 /-</u> |
| <u>C07D 413 /-</u> | <u>C07K 7 /-</u> | 2019346843 | <u>C22B 3 /-</u> | <u>E03D 5 /-</u> | 2016425950 |
| 2018391580 2020203494 | 2018251805 2018302855 | <u>C12N 1 /-</u> | 2017339966 | 2020244537 | <u>F16B 23 /-</u> |
| <u>C07D 417 /-</u> | <u>C08H 1 /-</u> | 2016312197 2016382107 | <u>C22C 38 /-</u> | <u>E04B 1 /-</u> | 2020256403 |
| 2020203494 | 2019276160 | <u>C12N 15 /-</u> | 2019337890 | 2018408416 2021204090 | <u>F16B 35 /-</u> |
| <u>C07D 451 /-</u> | <u>C08J 3 /-</u> | 2016262093 2016307234 2016382107 2019433065 2020213379 2020294212 2021203779 | <u>C23C 2 /-</u> | <u>E04B 2 /-</u> | 2020256403 |
| 2019309987 | 2019276160 | | 2017257425 | 2017217413 2020465162 | <u>F16F 1 /-</u> |
| <u>C07D 471 /-</u> | <u>C08L 83 /-</u> | | <u>C25B 1 /-</u> | <u>E04B 9 /-</u> | <u>F16F 3 /-</u> |
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| 2019309987 2021201188 | <u>C09C 1 /-</u> | | 2016363676 2017295730 2017367706 | 2021204090 | 2021218152 |
| <u>C07D 498 /-</u> | 2020223864 | <u>C12N 7 /-</u> | <u>C25B 9 /-</u> | <u>E04H 15 /-</u> | <u>F16L 23 /-</u> |
| 2021201188 | <u>C09D 1 /-</u> | 2018358238 | 2017295730 | 2021204090 | 2021218152 |
| <u>C07D 519 /-</u> | 2018227081 | <u>C12N 9 /-</u> | <u>C25D 3 /-</u> | <u>E04H 17 /-</u> | <u>F21S 8 /-</u> |
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| <u>C07F 9 /-</u> | <u>C09D 7 /-</u> | <u>C12P 19 /-</u> | <u>D06F 58 /-</u> | <u>E04H 4 /-</u> | <u>F21V 14 /-</u> |
| 2021209728 | 2018227081 2019374317 | 2016382107 2016427120 2016427128 2016427130 | 2019334734 | 2021224532 | 2018400376 |
| <u>C07H 3 /-</u> | <u>C10K 1 /-</u> | | <u>D06F 71 /-</u> | <u>E21B 23 /-</u> | <u>F21V 21 /-</u> |
| 2016382107 | 2016348545 2017306918 | <u>C12P 7 /-</u> | 2019334734 | 2017276139 | 2019297194 |
| <u>C07K 1 /-</u> | <u>C10L 1 /-</u> | 2018319219 | <u>D07B 1 /-</u> | <u>E21B 25 /-</u> | <u>F21V 23 /-</u> |
| 2016290650 2019433421 | 2019213628 | <u>C12Q 1 /-</u> | 2016416839 | 2017214766 | 2018400376 |
| <u>C07K 14 /-</u> | <u>C10L 10 /-</u> | 2016307234 2016312197 2017279995 2019232908 2019275665 2020204028 | <u>E01B 7 /-</u> | <u>E21B 33 /-</u> | <u>F21W 131 /-</u> |
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| <u>C07K 16 /-</u> | <u>C10M 129 /-</u> | <u>C12R 1 /-</u> | <u>E01D 19 /-</u> | <u>E21B 41 /-</u> | <u>F21Y 105 /-</u> |
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| | <u>C10M 159 /-</u> | <u>C21B 7 /-</u> | <u>E01F 9 /-</u> | <u>E21B 43 /-</u> | <u>F21Y 115 /-</u> |
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| | <u>C10N 30 /-</u> | <u>C21D 8 /-</u> | <u>E01H 11 /-</u> | <u>E21B 44 /-</u> | <u>F23B 40 /-</u> |
| | 2019213628 | 2019337890 | 2018216246 | 2020233756 | 2019424803 |
| | <u>C12C 7 /-</u> | | <u>E02D 17 /-</u> | <u>E21B 45 /-</u> | <u>F24C 15 /-</u> |
| | 2017365642 | | 2017217413 | 2020233756 | 2020286189 |
| | | | <u>E02D 29 /-</u> | <u>E21B 47 /-</u> | <u>F24F 11 /-</u> |
| | | | 2017217413 | 2017214766 2017382506 | 2019430531 |

Applications Accepted - IPC Index cont'd

| | | | | | |
|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| F24F 120 /- | | G06F 11 /- | G06T 17 /- | 2018303561 | 2018330296 |
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| F25D 29 /- | G01N 35 /- | 2019349408 | G16H 10 /- | H02S 20 /- | 2020385370 |
| 2019420254 | 2017301095 | 2020267191 | 2017314767 | 2017346481 | 2021200521 |
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| F41G 3 /- | G01S 17 /- | G06F 9 /- | H01B 7 /- | H03F 3 /- | 2020206243 |
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| F41H 13 /- | G01S 7 /- | 2021201497 | H01B 11 /- | H03K 19 /- | H04N 5 /- |
| 2018277595 | 2016425950 | G06K 9 /- | 2018328574 | 2019397990 | 2018230036 |
| G01B 3 /- | G01S 17 /- | G06N 10 /- | H01L 27 /- | H04B 1 /- | 2019349408 |
| 2019340257 | 2017384508 | 2019397990 | H01L 39 /- | 2020274536 | H04R 1 /- |
| G01B 7 /- | G01S 7 /- | 2019426405 | 2019397990 | H04B 7 /- | 2021209142 |
| 2020277081 | 2018277595 | G06N 3 /- | H01L 51 /- | 2017369590 | H04R 25 /- |
| G01C 11 /- | G01V 3 /- | 2021212138 | 2018224430 | 2018330296 | 2019349408 |
| 2017203165 | 2017382506 | G06N 99 /- | H01M 10 /- | 2021201134 | H04W 12 /- |
| G01F 1 /- | 2020233756 | 2021204723 | 2020202401 | H04L 1 /- | 2020210154 |
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| G01G 17 /- | 2021201750 | 2021212138 | H02H 3 /- | 2019372674 | 2021200254 |
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Applications Accepted - IPC Index cont'd

2018303017
2019372674
2020372815

H04W 8 /-

2020210154

H04W 84 /-

2020210154

H04W 88 /-

2017369590

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 (51) Int. Cl.
F15B 15/14 (2006.01)
E02F 3/84 (2006.01)
E02F 9/22 (2006.01)
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E02F 3/84 (2006.01)
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F15B 15/14 (2006.01)
E02F 3/84 (2006.01)
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E02F 3/76 (2006.01)
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 (51) Int. Cl.
F15B 15/14 (2006.01)
E02F 3/84 (2006.01)
E02F 9/22 (2006.01)
E02F 3/76 (2006.01)
F15B 15/20 (2006.01)
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 (51) Int. Cl.
F15B 15/14 (2006.01)
E02F 3/84 (2006.01)
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F15B 15/14 (2006.01)
E02F 3/84 (2006.01)
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F15B 15/20 (2006.01)
 (45) 18.08.2022
 (72) Stoops, Ernest E.; Ramalho, Stive; Speichinger, Justin D.
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2021102522 (22) 12.05.2021
 (54) Hydraulic cylinder with specific performance dimensions
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F15B 15/14 (2006.01)
E02F 3/84 (2006.01)

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B66F 9/075 (2006.01)
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 (45) 18.08.2022
 (72) Barnes, Jason Ross; Carden, Robert Selwyn; Chadwick, Philip John
 (74) James & Wells Intellectual Property

Numerical Index

| | |
|-------------------|------------------------|
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| 2021102514 | Caterpillar Inc. |
| 2021102515 | Caterpillar Inc. |
| 2021102516 | Caterpillar Inc. |
| 2021102519 | Caterpillar Inc. |
| 2021102520 | Caterpillar Inc. |
| 2021102521 | Caterpillar Inc. |
| 2021102522 | Caterpillar Inc. |

IPC Index

B66C 13 /-

2019100317

B66C 15 /-

2019100317

B66F 9 /-

2019100317

E02F 3 /-

2021102512
2021102514
2021102515
2021102516
2021102519
2021102520
2021102521
2021102522

E02F 9 /-

2021102512
2021102514
2021102515
2021102516
2021102519
2021102520
2021102521
2021102522

F15B 15 /-

2021102512
2021102514
2021102515
2021102516
2021102519
2021102520
2021102521
2021102522

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2018250886 **Chr. Hansen A/S** (DuPont Nutrition Biosciences ApS)

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| 2016239037 | 2016239324 | 2016246134 | 2016247733 |
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| 2016274633 | 2016298564 | 2016307430 | 2016308283 |
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| 2016330328 | 2016330787 | 2016330789 | 2016330791 |
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| 2016376009 | 2016378184 | 2016381254 | 2016392328 |
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| 2016408304 | 2016412561 | 2016420402 | 2016420451 |
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| 2017208802 | 2017209991 | 2017211272 | 2017212395 |
| 2017213864 | 2017215012 | 2017215474 | 2017217357 |
| 2017218138 | 2017221222 | 2017222088 | 2017222694 |
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| 2017252078 | 2017252528 | 2017252762 | 2017253118 |
| 2017256065 | 2017256152 | 2017256897 | 2017257442 |
| 2017260617 | 2017260744 | 2017261609 | 2017263478 |
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| 2017269489 | 2017270716 | 2017272906 | 2017273057 |
| 2017273616 | 2017276843 | 2017281295 | 2017281791 |
| 2017281983 | 2017283168 | 2017291455 | 2017291837 |
| 2017292777 | 2017297366 | 2017297403 | 2017298979 |
| 2017298986 | 2017300377 | 2017302394 | 2017305233 |
| 2017306949 | 2017311034 | 2017312211 | 2017319484 |
| 2017320225 | 2017320353 | 2017320463 | 2017321786 |
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| 2018243482 | 2018248706 | 2018255191 | 2018258094 |
| 2018260575 | 2018265400 | 2018269305 | 2018271268 |
| 2018274028 | 2018279790 | 2018282154 | 2018284052 |
| 2018284131 | 2018302026 | 2018310721 | 2018313737 |
| 2018318950 | 2018320021 | 2018334927 | 2018337544 |
| 2018341437 | 2018371352 | 2018375316 | 2018378376 |
| 2018404657 | 2018415397 | 2018421149 | 2018424234 |
| 2018426910 | 2018427471 | 2018444217 | 2018447678 |
| 2018448673 | 2018453228 | 2019201500 | 2019208278 |
| 2019212977 | 2019214183 | 2019214185 | 2019217162 |
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Standard Patents

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| 2019232935 | 2019232938 | 2019240625 | 2019249231 |
| 2019250099 | 2019262756 | 2019263851 | 2019264805 |
| 2019268193 | 2019271914 | 2019272966 | 2019275834 |
| 2019280534 | 2019283820 | 2019284046 | 2019284291 |
| 2019287679 | 2019293222 | 2019297387 | 2019298538 |
| 2019302814 | 2019309263 | 2019313886 | 2019314815 |
| 2019325661 | 2019325994 | 2019331721 | 2019336870 |
| 2019343715 | 2019345280 | 2019349479 | 2019351502 |
| 2019354913 | 2019359299 | 2019359965 | 2019362468 |
| 2019377010 | 2019380485 | 2019383284 | 2019384601 |
| 2019386959 | 2019404934 | 2019405157 | 2019407129 |
| 2019418187 | 2019421992 | 2019432462 | 2019455127 |
| 2020200280 | 2020200293 | 2020200668 | 2020200700 |
| 2020200814 | 2020200822 | 2020200939 | 2020200940 |
| 2020201331 | 2020201530 | 2020201555 | 2020201642 |
| 2020201772 | 2020202143 | 2020202817 | 2020203023 |
| 2020203040 | 2020203446 | 2020204053 | 2020204054 |
| 2020204407 | 2020204544 | 2020204547 | 2020204573 |
| 2020205338 | 2020205352 | 2020207783 | 2020207798 |
| 2020207807 | 2020207808 | 2020207821 | 2020207829 |
| 2020207865 | 2020210219 | 2020213313 | 2020217314 |
| 2020217357 | 2020218502 | 2020220079 | 2020220184 |
| 2020223655 | 2020223688 | 2020227061 | 2020229050 |
| 2020233631 | 2020233686 | 2020233703 | 2020239664 |
| 2020239692 | 2020244468 | 2020244536 | 2020244556 |
| 2020244602 | 2020251026 | 2020256311 | 2020264407 |
| 2020267269 | 2020270501 | 2020273376 | 2020280993 |
| 2020281084 | 2020281134 | 2020286273 | 2020313178 |
| 2020319738 | 2020324415 | 2020333932 | 2020342525 |
| 2020355348 | 2020356797 | 2020356798 | 2020421709 |
| 2020435926 | 2021200008 | 2021200734 | 2021201351 |
| 2021201353 | 2021201385 | 2021201524 | 2021201596 |
| 2021201604 | 2021201814 | 2021202481 | 2021202981 |
| 2021203351 | 2021203822 | 2021203866 | 2021221605 |
| 2021240196 | 2021254585 | 2021254665 | 2021290221 |
| 2021319367 | 2022201278 | 2022201357 | |

Innovation Patents

| | | | |
|------------|------------|------------|------------|
| 2018102243 | 2022100093 | 2022100094 | 2022100097 |
| 2022100098 | | | |

Assignments Registered

- 2006287119 Will, Allen The patent has been assigned to **Wilson Auto Engineering Ltd.**
- 2006289648 Avigilon Patent Holding 1 Corporation The patent has been assigned to **Motorola Solutions, Inc.**
- 2008213586 Avigilon Patent Holding 1 Corporation The patent has been assigned to **Motorola Solutions, Inc.**
- 2008249616 AEL Mining Services Limited The patent has been assigned to **AECI Mining Limited**
- 2008263765 UNIVERSITE JOSEPH FOURIER The patent has been assigned to **Université Grenoble Alpes**
- 2010202946 Avigilon Patent Holding 1 Corporation The patent has been assigned to **Motorola Solutions, Inc.**
- 2012315586 Stealth Peptides International, Inc.; Mayo Foundation for Medical Education and Research The patent has been assigned to **Mayo Foundation for Medical Education and Research; Stealth BioTherapeutics Inc.**
- 2012347683 Makerbot Industries, LLC The patent has been assigned to **Stratasys, Inc.**

Assignments Registered

2013267041 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2013270593 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2013312982 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2013315491 Avigilon Fortress Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2013374189 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2013374190 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2013374191 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2013388664 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2013392580 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2013406700 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2014200204 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2014304208 Biouniversa S.r.l. The patent has been assigned to **Fibrosys S.r.l.**

2014368997 Avigilon Fortress Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2014370288 ARRIS Enterprises LLC The patent has been assigned to **Arris International IP Ltd.**

2014373904 ARRIS Enterprises LLC The patent has been assigned to **Arris International IP Ltd.**

2014377545 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2015227693 Tokyo Institute of Technology The patent has been assigned to **Phytolipid Technologies Co., Ltd.**

2015250202 ARRIS Enterprises LLC The patent has been assigned to **Arris International IP Ltd.**

2015250203 ARRIS Enterprises LLC The patent has been assigned to **Arris International IP Ltd.**

2015250204 ARRIS Enterprises LLC The patent has been assigned to **Arris International IP Ltd.**

2015250212 ARRIS Enterprises LLC The patent has been assigned to **Arris International IP Ltd.**

2016201449 General Instrument Corporation The patent has been assigned to **Arris International IP Ltd.**

2016202108 Quantex Patents Limited The patent has been assigned to **Quantex ARC Limited**

2016291555 ARRIS Enterprises LLC The patent has been assigned to **Arris International IP Ltd.**

Assignments Registered

2017204855 ARRIS Enterprises LLC The patent has been assigned to **Arris International IP Ltd.**

2017206162 ARRIS Enterprises LLC The patent has been assigned to **Arris International IP Ltd.**

2017233723 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2017248477 Mayo Foundation for Medical Education and Research; Stealth Peptides International, Inc. The patent has been assigned to **Mayo Foundation for Medical Education and Research; Stealth BioTherapeutics Inc.**

2017326762 Ghaleb, Christopher The patent has been assigned to **Lifesize Plans IP Pty Ltd**

2017374507 IDS Invest AS The patent has been assigned to **Mari-culture AS**

2019257537 ARRIS Enterprises LLC The patent has been assigned to **Arris International IP Ltd.**

2019303730 Avigilon Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2020103651 Yangzhou University The patent has been assigned to **Yangzhou Uni-Bio Pharmaceutical Co., Ltd**

2021100838 Shanghai Changzheng hospital; Shanghai Baolong Pharmaceutical Co., Ltd.; Moon (Guangzhou) Biotech Co.,Ltd. The patent has been assigned to **Shanghai Changzheng hospital**

2021100840 Moon (Guangzhou) Biotech Co.,Ltd.; Shanghai Changzheng hospital; Shanghai Baolong Pharmaceutical Co., Ltd. The patent has been assigned to **Shanghai Changzheng hospital**

Licences Registered - Section 187, Reg. 19

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

2010326600 Biouniversa S.R.L. (Fibrosys S.r.l.)

2013279604 Biouniversa S.r.l. (Fibrosys S.r.l.)

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.

2006290309 **Actelion Pharmaceuticals Ltd.**

The earliest first regulatory approval date provided by the patentee 05 Feb 2014

For the goods OPSUMIT macitentan

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

2012253294 **Apellis Pharmaceuticals, Inc.**

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

For the goods EMPAVELI pegcetacoplan.

Address for service : FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

2015370004 **Emory University**

The earliest first regulatory approval date provided by the patentee 20 Jan 2022

For the goods LAGEVRIO molnupiravir

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

2017245334 **Apellis Pharmaceuticals, Inc.**

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

For the goods EMPAVELI pegcetacoplan

Address for service : FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

Corrigenda

In Vol 36 , No 24 , Page(s) 3358 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2022** Delete all reference to 2022201926.

In Vol 36 , No 25 , Page(s) 3541 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Avetics Global Pte. Ltd., Application No. 2019479573, under INID (72) correct the co-inventor to SINGH, Gurbind

In Vol 36 , No 27 , Page(s) 3912 under the heading **Assignments Registered** Under the name Suzhou MicroPort RehabTech (Group) Co. Ltd., Application No. 2019241096, under INID (71) correct the applicant name to Suzhou MicroPort RehabTech (Group) Co. Ltd. and Shanghai Ninth People's Hospital, Shanghai Jiaotong University School of Medicine

Specifications Republished

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

2015311021 **Bunge Loders Croklaan B.V.**