



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

*For Information on the following please see our website www.ipaustralia.gov.au
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Editorial enquiries

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Country Codes

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INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Generic Partners Pty Ltd v Neurim Pharmaceuticals Ltd. [2022] APO 2

Patent Application: 2016426598

Title: Melatonin mini-tablets and method of manufacturing the same

Patent Applicant: Neurim Pharmaceuticals Ltd.

Opponent: Generic Partners Pty Ltd

Delegate: Dr W.E. Guinea

Decision Date: 14 January 2022

Hearing Date: 23 February 2021, by Video Conference

Catchwords: **PATENTS** – opposition pursuant to s223(6) – extension of time under s223(2)(a) – grace period under s24(1)(b) – whether 223 applicable to s24 – 223 considered applicable to s24 – whether there is an error or omission – error or omission established – whether the error or omission is causative to frustrate an intention – causative error or omission established – discretion – whether discretion should be exercised – appropriate to exercise discretion – extension of time granted – costs awarded against Opponent

Representation: Counsel for the applicant: David Shavin QC
Solicitor for the applicant: Nicholas Tyacke of DLA Piper
Counsel for the opponent: Richard Cobden SC and David Larish
Solicitor for the opponent: Rob Silberstein of Silberstein & Associates

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 11 Jan 2022 .

(71) AC DESIGNS PTY LTD (21) 2022900050 (22) 11.01.2022 (54) DEVICE AND METHOD FOR MAKING BREAD WITH A CAVITY	(71) Creek Innovation Pty Ltd (21) 2022900062 (22) 13.01.2022 (54) Wire Tensioning Device	(71) Illinois Tool Works Inc. (21) 2022900045 (22) 10.01.2022 (54) Door handle-latch actuating mechanism
(71) Ahmad, M. (21) 2022900047 (22) 11.01.2022 (54) CareSide	(71) Cripps Clark, J. (21) 2022900074 (22) 16.01.2022 (54) DigEMed – methods, systems and devices exploiting advanced digital technologies where accountability in collaborative distributed environments is important to participants and regulators in systems related to health, medicine, therapy, dietetics and mental health as well as associated further environment and service process design processes with health or safety related risks.	(71) Illinois Tool Works Inc. (21) 2022900046 (22) 10.01.2022 (54) Door handle plate with concealed mounting
(71) Away Australia Pty Ltd; Stevenson, R. (21) 2022900083 (22) 18.01.2022 (54) COMPOSITION AND METHOD FOR TREATMENT OF EQUINE EXERCISE-INDUCED PULMONARY HAEMORRHAGE	(71) EIAmer, A. (21) 2022900068 (22) 14.01.2022 (54) PORTABLE VERTICAL CPU AND MULTIMEDIA DEVICE	(71) INTEGRITY ENGINEERING SOLUTIONS PTY LTD (21) 2022900067 (22) 14.01.2022 (54) SYSTEM FOR ASSEMBLY OF FLANGED JOINTS
(71) Baraja Pty Ltd (21) 2022900049 (22) 11.01.2022 (54) An optical beam director	(71) Geethanjali Regunathan, A.K. see LAN10 PTY LIMITED (21) 2022900060	(71) Jarvis, S. (21) 2022900005 (22) 03.01.2022 (54) Dinner fork innovation.
(71) Boyd, N. (21) 2022900048 (22) 11.01.2022 (54) Safe by Design Inflatable Structure	(71) Greentree Enterprises Pty Ltd (21) 2022900065 (22) 13.01.2022 (54) Solar panel cleaner	(71) Jarvish PTY LTD. (21) 2022900077 (22) 17.01.2022 (54) SEE THROUGH DISPLAY
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(71) Chavan, P. (21) 2022900071 (22) 16.01.2022 (54) EASY RETRIEVABLE SCREW RETAINED CROWN SYSTEM WITH IMPROVED RETENTION FOR ROOT CANAL TREATED NATURAL TEETH	(71) ICSIP Pty Ltd (21) 2022900080 (22) 17.01.2022 (54) PROCESS AND SYSTEM FOR LITHIUM PRODUCTION	(71) LAN10 PTY LIMITED; Geethanjali Regunathan, A.K.; Sunder, M. (21) 2022900060 (22) 13.01.2022 (54) CYBERSECURE HEALTHCARE PLATFORM USING PRIVATE BLOCKCHAIN AND LEDGER DATABASE
(71) Chung, D. (21) 2022900022 (22) 06.01.2022 (54) Information Ecosystem		(71) LEE, J.; CHAI, H.C.L. (21) 2022900085 (22) 18.01.2022 (54) TREATMENT OF CORONAVIRUS AND BACTERIAL INFECTION WITH HOUTTUYNIA CORDATA EXTRACT
		(71) Leon Energy Pty Ltd (21) 2022900069 (22) 14.01.2022 (54) Flywheel Energy Storage System

Provisional Applications Filed - Name Index cont'd

(71) LifeStyles Healthcare Pte Ltd
 (21) 2022900058 (22) 12.01.2022
 (54) RARE-EARTH CATALYZED POLYISO-
 PRENE ARTICLES

(71) Michael, P.
 (21) 2022900057 (22) 12.01.2022
 (54) Improvements in Roof Guttering and
 the Like

(71) Mine Advice Pty Ltd
 (21) 2022900075 (22) 17.01.2022
 (54) The Incorporation of Cement Curing
 Rate into the Structural Design of Form-
 works for Construction Optimisation
 Purposes

(71) Mn Energy Limited; KITNEY, M.
 (21) 2022900076 (22) 17.01.2022
 (54) A method for purification of manganese
 pregnant leach solution

(71) Moshonas, G.
 (21) 2022900082 (22) 18.01.2022
 (54) METHOD AND SYSTEM FOR SANIT-
 ISATION OF MEDICAL EQUIPMENT

(71) Next Level Racing Simulations Pty Ltd
 (21) 2022900064 (22) 13.01.2022
 (54) AN ADJUSTABLE SEAT AND METH-
 OD OF USE THEREOF

(71) Ninnes, D.
 (21) 2022900072 (22) 16.01.2022
 (54) Novel Page Layout Algorithm with In-
 cremental Update

(71) Opal Packaging Australia Pty Ltd
 (21) 2022900066 (22) 13.01.2022
 (54) A sack

(71) Perri, O.
 (21) 2022900081 (22) 17.01.2022
 (54) Improved face mask

(71) Production Technologies Australia Pty
 Ltd
 (21) 2022900070 (22) 14.01.2022
 (54) Cleaning out wells

(71) Ratcliff, D.
 (21) 2022900051 (22) 11.01.2022
 (54) The Ratcliff Truss

(71) Rule, P.
 (21) 2022900084 (22) 18.01.2022
 (54) Quick Rope Connector

(71) Safetylink Pty Ltd
 (21) 2022900059 (22) 12.01.2022
 (54) Roof Anchor

(71) SIDC PTY LTD
 (21) 2022900061 (22) 13.01.2022
 (54) MODULAR METHOD FOR POST AND
 RAIL FENCE CONSTRUCTION

(71) Smith, D.
 (21) 2022900079 (22) 17.01.2022
 (54) On-demand micro-tuition marketplace

Stevenson, R. see Away Australia Pty Ltd
 (21) 2022900083

Sunder, M. see LAN10 PTY LIMITED
 (21) 2022900060

(71) SUPACELL PTY LTD
 (21) 2022900063 (22) 13.01.2022
 (54) RESOURCE RECOVERY SYSTEM &
 METHOD

(71) THE AERIAL VEHICLES PTY LTD
 (21) 2022900078 (22) 17.01.2022
 (54) A CADENCE SENSOR SYSTEM FOR
 MID-DRIVE BASED E-BIKE MOTOR

(71) Tresbon Assets Pty Ltd
 (21) 2022900044 (22) 10.01.2022
 (54) Smoke Retardation

(71) Zubonja, A.
 (21) 2022900052 (22) 12.01.2022
 (54) WELFARE FRAUD BUSINESS

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2022900005	Jarvis, S.
2022900022	Chung, D.
2022900044	Tresbon Assets Pty Ltd
2022900045	Illinois Tool Works Inc.
2022900046	Illinois Tool Works Inc.
2022900047	Ahmad, M.
2022900048	Boyd, N.
2022900049	Baraja Pty Ltd
2022900050	AC DESIGNS PTY LTD
2022900051	Ratcliff, D.
2022900052	Zubonja, A.
2022900057	Michael, P.
2022900058	LifeStyles Healthcare Pte Ltd
2022900059	Safetylink Pty Ltd
2022900060	LAN10 PTY LIMITED; Geethanjali Regunathan, A.K.; Sunder, M.
2022900061	SIDC PTY LTD
2022900062	Creek Innovation Pty Ltd
2022900063	SUPACELL PTY LTD
2022900064	Next Level Racing Simulations Pty Ltd
2022900065	Greentree Enterprises Pty Ltd
2022900066	Opal Packaging Australia Pty Ltd
2022900067	INTEGRITY ENGINEERING SOLUTIONS PTY LTD
2022900068	EIAmer, A.
2022900069	Leon Energy Pty Ltd
2022900070	Production Technologies Australia Pty Ltd
2022900071	Chavan, P.
2022900072	Ninnes, D.
2022900073	Harrold, H.
2022900074	Cripps Clark, J.
2022900075	Mine Advice Pty Ltd
2022900076	Mn Energy Limited; KITNEY, M.
2022900077	Jarvish PTY LTD.
2022900078	THE AERIAL VEHICLES PTY LTD
2022900079	Smith, D.
2022900080	ICSIP Pty Ltd
2022900081	Perri, O.
2022900082	Moshonas, G.
2022900083	Away Australia Pty Ltd; Stevenson, R.
2022900084	Rule, P.
2022900085	LEE, J.; CHAI, H.C.L.

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 11 Jan 2022 .

. (*) Title not in Roman characters

. (**) Title not given

(71) 2cureX ApS (21) 2021290324 (22) 23.12.2021 (54) Identifying compounds modifying a cellular phenotype (62) 2019283917	(71) AMO Development, LLC (21) 2021290358 (22) 23.12.2021 (54) Systems and methods for synchronized three-dimensional laser incisions (62) 2020220116	(71) Aqua View Inc. (21) 2021290417 (22) 29.12.2021 (54) Water conserving shower system and thermochromic fixtures used therein (62) 2016353812
(71) 4C Medical Technologies, Inc. (21) 2021290328 (22) 23.12.2021 (54) Expandable frames and paravalvular leak mitigation systems for implantable prosthetic heart valve devices (62) 2019218968	(71) AMO Groningen B.V. (21) 2021290302 (22) 22.12.2021 (54) Progressive power intraocular lens, and methods of use and manufacture (62) 2017218680	(71) Aristocrat Technologies Australia Pty Limited (21) 2021290285 (22) 22.12.2021 (54) A GAMING DEVICE (62) 2019264568
(71) Ablynx N.V. (21) 2021290305 (22) 22.12.2021 (54) Nanobody dimers linked via C-terminally engineered cysteins (62) 2016214317	(71) Apple Inc. (21) 2021290330 (22) 23.12.2021 (54) Aluminum alloys with high strength and cosmetic appeal (62) 2020201187	(71) Aristocrat Technologies Australia Pty Limited (21) 2021290339 (22) 23.12.2021 (54) A GAMING SYSTEM AND METHOD OF GAMING (62) 2019283877
(71) Acceleron Pharma Inc. (21) 2021290319 (22) 23.12.2021 (54) Methods for treating myelodysplastic syndromes and sideroblastic anemias (62) 2015358398	(71) Apple Inc. (21) 2021290334 (22) 23.12.2021 (54) User interfaces for peer-to-peer transfers (62) 2020202953	(71) Aristocrat Technologies Australia Pty Limited (21) 2021290343 (22) 23.12.2021 (54) A GAMING SYSTEM AND METHOD OF GAMING (62) 2020201839
(71) Aero-Tech Pty Ltd (21) 2021290397 (22) 24.12.2021 (54) Device for collecting debris (62) 2016349935	(71) Apple Inc. (21) 2021290340 (22) 23.12.2021 (54) Application integration with a digital assistant (62) 2020201175	(71) Aristocrat Technologies Australia Pty Limited (21) 2021290383 (22) 24.12.2021 (54) A GAMING DEVICE (62) 2019264589
(71) Agamalis, P. (21) 2021290364 (22) 23.12.2021 (54) REMOVABLE ROAD VEHICLE COVERS AND MOULDINGS FOR DENT AND SCRATCH PROTECTION (31) 2020904834 (32) 23.12.20 (33) AU	(71) Apple Inc. (21) 2021290349 (22) 23.12.2021 (54) Devices, methods, and graphical user interfaces for wireless pairing with peripheral devices and displaying status information concerning the peripheral devices (62) 2021201777	(71) Azuma Design Pty Limited (21) 2021290420 (22) 29.12.2021 (54) A latch assembly (62) 2016204675
(71) Agate Integrated Engineering Sdn Bhd (21) 2021290400 (22) 27.12.2021 (54) AN AUTOMATED INSPECTION APPARATUS FOR NON-DESTRUCTIVE INSPECTION OF WELDS ON PIPES FOR DETECTING ONE OR MORE ANOMALIES IN PIPES (31) PI2021005912 (32) 01.10.21 (33) MY	(71) Apple Inc. (21) 2021290351 (22) 23.12.2021 (54) Voice coil motor optical image stabilization (62) 2020202594	(71) Bayer Pharma Aktiengesellschaft (21) 2021290341 (22) 23.12.2021 (54) Antibody drug conjugates (ADCs) and antibody prodrug conjugates (APDCs) with enzymatically cleavable groups (62) 2016282723
(71) Agerris Pty Ltd (21) 2021290406 (22) 29.12.2021 (54) Automatic target recognition and dispensing system (62) 2019246795	(71) Apple Inc. (21) 2021290380 (22) 24.12.2021 (54) Event recognition (62) 2020210251	(71) Berry, B. (21) 2022200000 (22) 02.01.2022 (54) Expandable Implant (31) 17/140,761 (32) 04.01.21 (33) US
		(71) Biogen MA Inc. (21) 2022200002 (22) 03.01.2022

Complete Applications Filed - Name Index cont'd

(54) COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION
(62) 2019268063

(71) BLANCO GmbH + Co KG
(21) 2021290353 **(22)** 23.12.2021
(54) Curable Casting Compound For the Manufacture Of Molded Plastics
(31) 10 2021 200 091.6 **(32)** 07.01.21 **(33)** DE

(71) Brius Technologies, Inc.
(21) 2021290322 **(22)** 23.12.2021
(54) TEETH REPOSITIONING SYSTEMS AND METHODS
(62) 2016367144

(71) Can-Fite Biopharma Ltd.
(21) 2021290439 **(22)** 30.12.2021
(54) TREATMENT OF ADVANCED METASTATIC CANCER

(71) CareFusion 303, Inc.
(21) 2021290415 **(22)** 29.12.2021
(54) Closed IV access device with y-port needle-free connector
(62) 2016344428

(71) CHETS PROFESSIONAL SERVICES PTY. LTD.
(21) 2021290374 **(22)** 24.12.2021
(54) IMPROVED MECHANISM OF TRANSFERRING AIR/ LIQUID/ GAS OF STATIONARY COMPONENT TO SECOND ROTATING COMPONENT.

(71) China Railway Engineering Equipment Group Co., Ltd
(21) 2021290425 **(22)** 30.12.2021
(54) SLURRY OPEN DUAL-MODE SHIELD MACHINE EQUIPPED WITH CUTTER HEAD WITH ATMOSPHERIC PRES-SURE
(31) 202110725855.0 **(32)** 29.06.21 **(33)** CN

(71) Citrix Systems, Inc.
(21) 2021290309 **(22)** 22.12.2021
(54) Computing system providing direct routing for desktop as a service (DaaS) sessions to a private network and related methods
(62) 2020267208

(71) Commercialisation Express Pty Ltd
(21) 2021290426 **(22)** 30.12.2021
(54) Blockout Blind System
(62) 2021200963

(71) Danyang UPC Auto Parts Co., Ltd.
(21) 2021290332 **(22)** 23.12.2021
(54) WINDSHIELD WIPER
(31) 202023338231.3 **(32)** 30.12.20 **(33)** CN

(71) Danyang UPC Auto Parts Co., Ltd.
(21) 2021290333 **(22)** 23.12.2021
(54) WIPER
(31) 202023330790.X **(32)** 30.12.20 **(33)** CN

(71) Deere & Company
(21) 2021290357 **(22)** 23.12.2021
(54) Implement mounted sensors sensing seed and residue characteristics and control
(31) 17/156,778 **(32)** 25.01.21 **(33)** US

(71) Deere & Company
(21) 2021290388 **(22)** 24.12.2021
(54) Systems and methods for selective material placement, sensing, and control
(31) 17/169,766 **(32)** 08.02.21 **(33)** US
17/167,784 04.02.21 US

(71) Dexcom, Inc.
(21) 2021290422 **(22)** 30.12.2021
(54) Systems, devices and methods for analyte monitoring system
(62) 2020201634

(71) Dolby International AB
(21) 2021290344 **(22)** 23.12.2021
(54) Advanced stereo coding based on a combination of adaptively selectable left/right or mid/side stereo coding and of parametric stereo coding.
(62) 2019222947

(71) DrRest PTY LTD
(21) 2021290418 **(22)** 29.12.2021
(54) A MATTRESS
(31) 2020904874 **(32)** 31.12.20 **(33)** AU

(71) Duress IP Pty Ltd
(21) 2021290391 **(22)** 24.12.2021
(54) A SAFETY ACTIVATION MEANS

(71) Ecolab USA Inc.
(21) 2021290410 **(22)** 29.12.2021
(54) On site generated performic acid compositions for teat treatment
(62) 2019285304

(71) Ecolab USA Inc.
(21) 2021290411 **(22)** 29.12.2021
(54) Solidifying liquid amine oxide, betaine, and/or sultaine surfactants with a binder and optional carrier
(62) 2019211453

(71) Eidgenoessische Technische Hochschule Zurich
(21) 2021290354 **(22)** 23.12.2021
(54) SMALL MOLECULE DRUG CONJUGATES
(62) 2019213430

(71) Electric Energy Express Corporation
(21) 2021290414 **(22)** 29.12.2021
(54) Fuel cell energy circulative utilization system
(31) 110101720 **(32)** 15.01.21 **(33)** TW

(71) Elegance Refrigeration Corporation
(21) 2021290393 **(22)** 24.12.2021
(54) BEVERAGE COOLING DEVICE
(31) 110100106 **(32)** 04.01.21 **(33)** TW

(71) Francisco, J.
(21) 2021290405 **(22)** 29.12.2021
(54) Cable Tie - Remove and Reuse

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung, e.V.
(21) 2021290313 **(22)** 22.12.2021
(54) Loudness control for user interactivity in audio coding systems
(62) 2019246882

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(21) 2021290361 **(22)** 23.12.2021
(54) Apparatus, method and computer program for encoding, decoding, scene processing and other procedures related to DirAC based spatial audio coding
(62) 2018344830

(71) Future Currency Group Pty Ltd
(21) 2021290326 **(22)** 23.12.2021
(54) PRIVATE DISTRIBUTED LEDGER ECOSYSTEM

(71) Garvan Institute of Medical Research
(21) 2021290386 **(22)** 24.12.2021
(54) Methods for diagnosis, prognosis and monitoring of breast cancer and reagents therefor
(62) 2015318823

(71) GE Video Compression, LLC
(21) 2021290315 **(22)** 22.12.2021
(54) Coding concept allowing parallel processing, transport demultiplexer and video bitstream
(62) 2020244429

(71) Globe (Jiangsu) Co., Ltd.
(21) 2021290286 **(22)** 22.12.2021
(54) MOWER AND STEERING CONTROL METHOD THEREOF
(31) 202011565978.4 **(32)** 25.12.20 **(33)** CN
202023181850.6 25.12.20 CN

(71) Globe (Jiangsu) Co., Ltd.
(21) 2021290370 **(22)** 24.12.2021

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(54) WORK VEHICLE
(31) 202011570644.6 (32) 26.12.20 (33) CN
202023190565.0 26.12.20 CN

(71) Greenyn Biotechnology Co., Ltd
(21) 2021290408 (22) 29.12.2021
(54) C-MET REGULATORY COMPOSITION AND ITS USE FOR PROMOTING HEPATIC CELL REGENERATION

(71) Illumina, Inc.
(21) 2021290303 (22) 22.12.2021
(54) Semi-supervised learning for training an ensemble of deep convolutional neural networks
(62) 2018352203

(71) IMASCAP SAS
(21) 2021290367 (22) 24.12.2021
(54) Pre-operatively planned humeral implant and planning method
(62) 2017253113

Institut Mines Telecom see THALES
(21) 2021290423

(71) Jemella Limited
(21) 2021290311 (22) 22.12.2021
(54) Apparatus and method for drying hair
(62) 2016322051

(71) Koodaideri Innovation & Technology Pty Ltd
(21) 2021290306 (22) 22.12.2021
(54) Actuator
(62) 2020220231

(71) Kory Dubai Manufacturing Australia Pty Ltd
(21) 2021290312 (22) 22.12.2021
(54) Machine, assembly and method of operation

(71) Lam, T.T.
(21) 2021290398 (22) 25.12.2021
(54) FLUID DYNAMICS BASED SOLAR TRACKING SYSTEM
(31) 2021903913 (32) 03.12.21 (33) AU
2021903962 08.12.21 AU

(71) LensGen, Inc.
(21) 2021290373 (22) 24.12.2021
(54) Accommodating intraocular lens device
(62) 2016362384

(71) LG Electronics Inc.
(21) 2021290376 (22) 24.12.2021
(54) Laundry treatment apparatus
(31) 10-2020-0182850 (32) 24.12.20 (33) KR

(71) LG Electronics Inc.
(21) 2021290395 (22) 24.12.2021
(54) Laundry treatment apparatus
(31) 10-2020-0182851 (32) 24.12.20 (33) KR

(71) LG Electronics Inc.
(21) 2021290396 (22) 24.12.2021
(54) Laundry treatment apparatus
(31) 10-2020-0182849 (32) 24.12.20 (33) KR

(71) LG Electronics Inc.
(21) 2022200266 (22) 17.01.2022
(54) REFRIGERATOR
(31) 10-2021-0028655 (32) 04.03.21 (33) KR

(71) LG Electronics INC.
(21) 2021290390 (22) 24.12.2021
(54) Water Purifier
(31) 10-2020-0184981 (32) 28.12.20 (33) KP

(71) Licentia Group Limited; MYPINPAD Limited
(21) 2021290318 (22) 23.12.2021
(54) Authentication Methods and Systems
(62) 2016269265

(71) Liveperson, Inc.
(21) 2021290416 (22) 29.12.2021
(54) Resource prioritization and communication-channel establishment
(62) 2020233645

(71) Magic Leap, Inc.
(21) 2021290336 (22) 23.12.2021
(54) Structure learning in convolutional neural networks
(62) 2017230184

(71) Magic Leap, Inc.
(21) 2021290337 (22) 23.12.2021
(54) Polarizing maintaining optical fiber in virtual/augmented reality system
(62) 2017209171

(71) Magic Leap, Inc.
(21) 2021290345 (22) 23.12.2021
(54) Metasurfaces for redirecting light and methods for fabricating
(62) 2016349393

(71) Magic Leap, Inc.
(21) 2021290350 (22) 23.12.2021
(54) Blue light adjustment for biometric security
(62) 2017228989

(71) Magic Leap, Inc.
(21) 2021290360 (22) 23.12.2021
(54) Head pose mixing of audio files
(62) 2016324039

(71) Magic Leap, Inc.
(21) 2021290369 (22) 24.12.2021
(54) Mixed reality system with color virtual content warping and method of generating virtual content using same
(62) 2018234921

(71) MAGNISAVE GROUP SDN. BHD.
(21) 2021290440 (22) 30.12.2021
(54) METHOD AND SYSTEM FOR GENERATING A FINANCIAL INFOGRAPHIC OF A USER THROUGH A FINANCING PLATFORM

(71) MAKO Surgical Corp.
(21) 2021290300 (22) 22.12.2021
(54) Systems and methods for generating customized haptic boundaries
(62) 2019284090

(71) MANGROVE WATER TECHNOLOGIES LTD
(21) 2021290346 (22) 23.12.2021
(54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES
(62) 2019409137

(71) MANGROVE WATER TECHNOLOGIES LTD
(21) 2021290347 (22) 23.12.2021
(54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES
(62) 2019409137

(71) MANGROVE WATER TECHNOLOGIES LTD
(21) 2021290348 (22) 23.12.2021
(54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES
(62) 2019409137

(71) Massachusetts Eye & Ear Infirmary; Schepens Eye Research Institute
(21) 2021290371 (22) 24.12.2021
(54) METHODS OF PREDICTING AN-CENTRAL VIRUS SEQUENCES AND USES THEREOF
(62) 2021261893

(71) MedImmune, LLC
(21) 2021290356 (22) 23.12.2021
(54) METHOD OF TREATING INFLUENZA A
(62) 2017207330

(71) Meehan, A.
(21) 2021290399 (22) 26.12.2021
(54) Child safety handle

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(71) Minelab Electronics Pty. Limited
(21) 2021290359 (22) 23.12.2021
(54) AN IMPROVED METAL DETECTOR
(31) 2021900893 (32) 25.03.21 (33) AU

(71) Mingsight Pharmaceuticals, Inc.
(21) 2021290438 (22) 30.12.2021
(54) Treatment of autoimmune disease
(62) 2016355303

MYPINPAD Limited see Licentia Group Limited
(21) 2021290318

(71) Near Pte. Ltd.
(21) 2021290402 (22) 29.12.2021
(54) METHOD FOR IDENTIFYING A DEVICE USING ATTRIBUTES AND LOCATION SIGNATURES FROM THE DEVICE
(31) 17/142,144 (32) 05.01.21 (33) US

(71) NEC Corporation
(21) 2021290316 (22) 22.12.2021
(54) Methods and apparatuses for control resource mapping
(62) 2017426186

(71) Nicoventures Trading Limited
(21) 2021290442 (22) 31.12.2021
(54) Electronic vapour provision device with absorbent element
(62) 2019279981

(71) Ningbo E-Power Engine Technology Co., Ltd.
(21) 2021290389 (22) 24.12.2021
(54) A LATCH STRUCTURE
(31) 17/530,216 (32) 18.11.21 (33) US
202121315213.5 11.06.21 CN
202130362467.1 11.06.21 CN

(71) nMetric LLC
(21) 2021290327 (22) 23.12.2021
(54) Systems and methods of ensuring and maintaining equipment viability for a task
(62) 2018318694

(71) NTT DOCOMO, INC.
(21) 2021290404 (22) 29.12.2021
(54) Audio signal processing device, audio signal processing method, and audio signal processing program
(62) 2020294314

(71) NxThera, Inc.
(21) 2021290338 (22) 23.12.2021
(54) Vapor ablation systems and methods
(62) 2019232769

(71) Ocado Innovation Limited
(21) 2021290299 (22) 22.12.2021
(54) System and method for picking items
(62) 2019250435

(71) OMEGAQUANT ANALYTICS, LLC
(21) 2021290384 (22) 24.12.2021
(54) METHOD FOR MEASURING AND MANAGING RED BLOOD CELL OMEGA-3 FATTY ACID DOCOSA-HEXAENOIC ACID LEVEL IN HUMAN FEMALES TO SUPPORT A TERM PREGNANCY AND REDUCE RISK OF SPONTANEOUS PRETERM BIRTH
(62) 2019275602

(71) OXTI CORPORATION
(21) 2021290419 (22) 29.12.2021
(54) CHUCK STRUCTURE

(71) Pinchasov, Y.
(21) 2021290372 (22) 24.12.2021
(54) Apparatus for Detection of Drowning Conditions
(31) 63/133,801 (32) 05.01.21 (33) US

(71) Precision Planting LLC
(21) 2021290412 (22) 29.12.2021
(54) Agricultural trench depth systems, methods, and apparatus
(62) 2017219890

(71) Qingdao Zhonghe Polyurethane Material Co Ltd
(21) 2021290362 (22) 23.12.2021
(54) Polyurethane high-temperature illumination deformation detection device and detection method thereof
(31) CN202110603443.X(32) 31.05.21 (33) CN

(71) Quantum-Si Incorporated
(21) 2021290387 (22) 24.12.2021
(54) Labeled nucleotide compositions and methods for nucleic acid sequencing
(62) 2017268466

(71) Regeneron Pharmaceuticals, Inc.
(21) 2021290301 (22) 22.12.2021
(54) METHODS AND COMPOSITIONS FOR TARGETED GENETIC MODIFICATION USING PAIRED GUIDE RNAs
(62) 2015349692

(71) Ritchie, B.
(21) 2021290355 (22) 23.12.2021
(54) Wind and Solar Powered Energy Plant
(31) 2020904838 (32) 24.12.20 (33) AU

(71) Rite-Hite Holding Corporation
(21) 2021290321 (22) 23.12.2021

(54) Fan And Light Units And Associated Mounting Arrangement For Use At A Loading Dock
(62) 2020200426

(71) Sage Therapeutics, Inc.
(21) 2021290382 (22) 24.12.2021
(54) Neuroactive steroids, compositions, and uses thereof
(62) 2020201948

Schepens Eye Research Institute see Massachusetts Eye & Ear Infirmary
(21) 2021290371

(71) Shanghai United Imaging Healthcare Co., Ltd.
(21) 2021290363 (22) 23.12.2021
(54) Systems and methods for digital radiography
(62) 2018334800

(71) Sorrento Therapeutics, Inc.
(21) 2021290375 (22) 24.12.2021
(54) Microneedle array assembly and fluid delivery apparatus having such an assembly
(62) 2017258750

(71) Starpharma Pty Ltd
(21) 2021290329 (22) 23.12.2021
(54) Method of prophylaxis of coronavirus and/or respiratory Syncytial virus infection
(62) 2021204697

(71) Strata Products Worldwide, LLC
(21) 2021290401 (22) 28.12.2021
(54) Polymer Composite Timber Pile and Methods
(31) 63/131,579 (32) 29.12.20 (33) US

(71) Stripe, Inc.
(21) 2021290325 (22) 23.12.2021
(54) Order management and processing using a distributed commerce platform
(62) 2020201049

(71) Sustainable Marine Energy Limited
(21) 2021290342 (22) 23.12.2021
(54) MARINE POWER GENERATION SYSTEM
(62) 2017208808

(71) Takeda Pharmaceutical Company Limited
(21) 2021290331 (22) 23.12.2021
(54) Evaluation, assays and treatment of pKal-mediated disorders
(62) 2020201946

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(71) Techtronic Cordless GP
(21) 2021290314 (22) 22.12.2021
(54) Tool for powered sprayer
(31) 63/134,386 (32) 06.01.21 (33) US

(71) Techtronic Cordless GP
(21) 2021290366 (22) 24.12.2021
(54) Chain saw
(31) 202120008909.7 (32) 05.01.21 (33) CN

(71) THALES; Institut Mines Telecom
(21) 2021290423 (22) 30.12.2021
(54) Method for determining the position of a decoy using at least one receiver
(31) 2014241 (32) 30.12.20 (33) FR

(71) The Climate Corporation
(21) 2021290385 (22) 24.12.2021
(54) Generating digital models of crop yield based on crop planting dates and relative maturity values
(62) 2016385429

(71) The Hillman Group, Inc.
(21) 2021290381 (22) 24.12.2021
(54) System for identifying and duplicating master keys
(62) 2016281650

The Provost, Fellows, FDN Scholars, & the other members of Board, of the College of the Holy & Undiv see UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN
(21) 2021290228

(71) The Trustees of Columbia University in the City of New York
(21) 2021290320 (22) 23.12.2021
(54) COMPOSITIONS AND METHODS FOR INHIBITION OF LINEAGE SPECIFIC ANTIGENS
(62) 2016337525

(71) The Trustees of the University of Pennsylvania
(21) 2021290352 (22) 23.12.2021
(54) Compositions and methods for T cell delivery of therapeutic molecules
(62) 2015380397

Thurgood, C. see Thurgood, B.
(21) 2021290307

Thurgood, B. see Thurgood, B.
(21) 2021290307

(71) Thurgood, B.; Thurgood, C.; Thurgood, B.
(21) 2021290307 (22) 22.12.2021

(54) A support surface for use with a keyboard or mouse
(31) 2020904843 (32) 24.12.20 (33) AU

(71) UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN; The Provost, Fellows, FDN Scholars, & the other members of Board, of the College of the Holy & Undiv
(21) 2021290228 (22) 20.12.2021
(54) A method for improving the mean dry shoot weight, mean dry grain weight, and suppressing seed-borne infection in a cereal crop
(62) 2015308351

(71) Vaxxas Pty Limited
(21) 2021290308 (22) 22.12.2021
(54) Microprojection arrays with enhanced skin penetrating properties and methods thereof
(62) 2016333148

(71) Veltex Associates, Inc.
(21) 2021290424 (22) 30.12.2021
(54) Programmable logic controller-based system and user interface for air sampling in controlled environments
(62) 2020202115

(71) Vista Outdoor Operations LLC
(21) 2021290379 (22) 24.12.2021
(54) Padded sling systems
(31) 17/138,401 (32) 30.12.20 (33) US

(71) VRM International Pty Ltd
(21) 2021290323 (22) 23.12.2021
(54) Method and Apparatus for the Simultaneous Production of Hydrogen Based Energy and Clean Water from a Saline or Contaminated Water Source

(71) W. L. Gore & Associates, Inc.
(21) 2021290335 (22) 23.12.2021
(54) Valved conduit
(62) 2020204617

(71) WAT EXPORT IMPORT PTY LIMITED
(21) 2021290365 (22) 24.12.2021
(54) DEVICE AND METHOD FOR INDICATING AN EMERGENCY EXIT
(31) PCT/ AU2020/050643 (32) 25.06.20 (33) WO

(71) Waymo LLC
(21) 2022200001 (22) 03.01.2022
(54) CONTEXT AWARE STOPPING FOR AUTONOMOUS VEHICLES
(62) 2020277089

(71) Wing Aviation LLC
(21) 2021290304 (22) 22.12.2021
(54) Methods and systems for damping oscillations of a payload
(62) 2020204467

(71) Wright Medical Technology, Inc.
(21) 2021290407 (22) 29.12.2021
(54) Anterior ankle approach system and method
(62) 2017422380

(71) yang, h.
(21) 2021290421 (22) 29.12.2021
(54) cholesterol reducing filtered coffee machine

(71) Yodlee, Inc.
(21) 2021290403 (22) 29.12.2021
(54) Mobile application based account aggregation
(62) 2016322503

(71) Zillow, Inc.
(21) 2021290378 (22) 24.12.2021
(54) Automated determination of image acquisition locations in building interiors using multiple data capture devices
(31) 63/135,312 (32) 08.01.21 (33) US
17/150,958 15.01.21 US

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2021290327	nMetric LLC	2021290393	Elegance Refrigeration Corporation
2021290328	4C Medical Technologies, Inc.	2021290395	LG Electronics Inc.
2021290329	Starpharma Pty Ltd	2021290396	LG Electronics Inc.
2021290330	Apple Inc.	2021290397	Aero-Tech Pty Ltd
2021290331	Takeda Pharmaceutical Company Limited	2021290398	Lam, T.T.
2021290332	Danyang UPC Auto Parts Co., Ltd.	2021290399	Meehan, A.
2021290333	Danyang UPC Auto Parts Co., Ltd.	2021290400	Agate Integrated Engineering Sdn Bhd
2021290334	Apple Inc.	2021290401	Strata Products Worldwide, LLC
2021290335	W. L. Gore & Associates, Inc.	2021290402	Near Pte. Ltd.
2021290336	Magic Leap, Inc.	2021290403	Yodlee, Inc.
2021290337	Magic Leap, Inc.	2021290404	NTT DOCOMO, INC.
2021290338	NxThera, Inc.	2021290405	Francisco, J.
2021290339	Aristocrat Technologies Australia Pty Limited	2021290406	Agerris Pty Ltd
2021290340	Apple Inc.	2021290407	Wright Medical Technology, Inc.
2021290341	Bayer Pharma Aktiengesellschaft	2021290408	Greenyn Biotechnology Co., Ltd
2021290342	Sustainable Marine Energy Limited	2021290410	Ecolab USA Inc.
2021290343	Aristocrat Technologies Australia Pty Limited	2021290411	Ecolab USA Inc.
2021290344	Dolby International AB	2021290412	Precision Planting LLC
2021290345	Magic Leap, Inc.	2021290414	Electric Energy Express Corporation
2021290346	MANGROVE WATER TECHNOLOGIES LTD	2021290415	CareFusion 303, Inc.
2021290347	MANGROVE WATER TECHNOLOGIES LTD	2021290416	Liveperson, Inc.
2021290348	MANGROVE WATER TECHNOLOGIES LTD	2021290417	Aqua View Inc.
2021290349	Apple Inc.	2021290418	DrRest PTY LTD
2021290350	Magic Leap, Inc.	2021290419	OXTI CORPORATION
2021290351	Apple Inc.	2021290420	Azuma Design Pty Limited
2021290352	The Trustees of the University of Pennsylvania	2021290421	yang, h.
2021290353	BLANCO GmbH + Co KG	2021290422	Dexcom, Inc.
2021290354	Eidgenoessische Technische Hochschule Zurich	2021290423	THALES; Institut Mines Telecom
2021290355	Ritchie, B.	2021290424	Veltek Associates, Inc.
2021290356	MedImmune, LLC	2021290425	China Railway Engineering Equipment Group Co., Ltd
2021290357	Deere & Company	2021290426	Commercialisation Express Pty Ltd
2021290358	AMO Development, LLC	2021290438	Mingsight Pharmaceuticals, Inc.
2021290359	Minelab Electronics Pty. Limited	2021290439	Can-Fite Biopharma Ltd.
2021290360	Magic Leap, Inc.	2021290440	MAGNISAVE GROUP SDN. BHD.
		2021290442	Nicoventures Trading Limited
		2022200000	Berry, B.
		2022200001	Waymo LLC

Complete Applications Filed - Numerical Index cont'd

2022200002 Biogen MA Inc.
2022200266 LG Electronics Inc.

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 11 Jan 2022 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) I Cook Catering Services Pty Ltd
(21) 2022100004 (22) 12.01.2022
(54) A TEXTURE MODIFIED FOOD
PRODUCT
(62) 2018203879

(71) Kordtech Pty Ltd
(21) 2022100002 (22) 06.01.2022
(54) Human Machine Interface System
(62) 2017331809

(71) Nanjing Costar Biotechnology Re-
search Institute Co., Ltd.
(21) 2022100005 (22) 14.01.2022
(54) METHOD FOR REFINING
OMEPRAZOLE
(62) PCT/CN2020/094486

(71) TJM Products Pty Ltd.
(21) 2022100008 (22) 17.01.2022
(54) Air Compressor
(62) 2019202008

(71) Van Holdings Limited
(21) 2022100007 (22) 18.01.2022
(54) Spinnable jewelry
(62) PCT/CN2021/098760

(71) Zhejiang Hengfeng Top Leisure Co., Ltd
(21) 2022100006 (22) 14.01.2022
(54) TENT
(62) PCT/CN2019/123591

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2022100002	Kordtech Pty Ltd	2022100006	Zhejiang Hengfeng Top Leisure Co., Ltd
2022100004	I Cook Catering Services Pty Ltd	2022100007	Van Holdings Limited
2022100005	Nanjing Costar Biotechnology Research Institute Co., Ltd.	2022100008	TJM Products Pty Ltd.

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

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

2002

2002010071 (14)	2002010072 (14)	2002010089 (14)
2002010138 (14)	2002050683 (14)	2002050705 (14)
2002052784 (14)	2002216294 (14)	2002217332 (14)
2002219338 (14)	2002219677 (14)	2002226432 (14)
2002226815 (14)	2002229701 (14)	2002237760 (14)
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2002241828 (14)	2002241859 (14)	2002243492 (14)
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2006261843 (14)	2006263607 (14)	2006263883 (14)
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2006277084 (14)	2006325513 (14)	2006338127 (14)

2007

2007202840 (14)	2007234526 (14)	2007240164 (14)
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2007270876 (14)	2007270930 (14)	2007271665 (14)

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2008267145 (14)	2008269018 (14)	2008269815 (14)
2008271354 (14)	2008271927 (14)	2008272681 (14)
2008274152 (14)	2008274647 (14)	2008291387 (14)
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2009265572 (14)	2009265579 (14)	2009266760 (14)
2009267156 (14)	2009268165 (14)	

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2010212442 (14)	2010266114 (14)	2010266210 (14)
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2014101645 (22)		

2015

2015318823 (5C)		
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2016

2016102065 (22)	2016219698 (12D)	2016283408 (5C)
2016285566 (5C)	2016285895 (5C)	2016380691 (5C)

2017

2017100130 (22)	2017101641 (22)	2017287831 (5C)
2017288046 (5C)	2017290725 (25D)	2017396579 (1B)
2017398400 (1B)		

2018

2018200455 (1B)	2018200519 (1B)	2018200527 (1B)
2018200529 (1B)	2018200564 (1B)	2018200585 (1B)
2018200599 (1B)	2018200650 (1B)	2018200682 (1B)
2018202516 (1B)	2018202518 (1B)	2018203124 (1B)
2018204934 (1B)	2018205117 (1B)	2018211919 (1B)
2018211958 (1B)	2018212001 (1B)	2018212513 (1B)
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2018360581 (1B)		

2019

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2019253853 (5C)	2019261784 (5C)	2019261812 (5C)
2019275612 (5C)		

2021

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2021106401 (18AN)	2021240330 (12A)	2021245122 (1B)
2021245231 (1B)	2021250911 (1B)	2021250942 (1B)
2021254525 (1B)	2021254576 (7AN)	2021257902 (1B)
2021900170 (12AN)		

Assignments before Grant, Section 113**2016**

2016325507 Poggi, Paul The application has been assigned to **Black Asbestos Ltd**

2016359706 Nortic Holdings Inc. The application has been assigned to **Grace Therapeutics Inc.**

2017

2017268647 Infinity Retractable Screens Pty Ltd The application has been assigned to **Freedom Screens Capital Pty Ltd**

2017268654 Infinity Retractable Screens Pty Ltd The application has been assigned to **Freedom Screens Capital Pty Ltd**

2017276191 S3 Enterprises Inc. The application has been assigned to **S3 Group Ltd.**

2017343368 Victoria Link Limited The application has been assigned to **Marama Labs Limited**

2017402745 Gunasekeran, Dinesh The application has been assigned to **VISRE PTE. LTD.**

2018

2018252546 Aduro Biotech Holdings, Europe B.V. The application has been assigned to **Sairopa B.V.**

2018255621 Shanghai Fochon Pharmaceutical Co., Ltd.; Fochon Pharmaceuticals, Ltd. The application has been assigned to **Fochon Pharmaceuticals, Ltd.**

2018310024 Tohoku University; Brain Innovation Co., Inc. The application has been assigned to **Tohoku University**

2018392099 Valio Ltd The application has been assigned to **Oddly-good Global Oy**

2019

2019222877 Simply Professional Pty. Ltd. The application has been assigned to **Fortex Wall Systems Pty Ltd**

2019233846 Infinity Retractable Screens Pty Ltd The application has been assigned to **Freedom Screens Capital Pty Ltd**

2019235530 Coalesce Product Development Limited; Mylan UK Healthcare Ltd. The application has been assigned to **McDermott Laboratories Limited**

2019347734 Apprente LLC The application has been assigned to **International Business Machines Corporation**

2019385653 Ledwith, Alan The application has been assigned to **Terratonics Limited**

2019395322 Apprente LLC The application has been assigned to **International Business Machines Corporation**

Assignments before Grant, Section 113

2019403903 Nortic Holdings Inc. The application has been assigned to **Grace Therapeutics Inc.**

2020

2020200021 Smith, Corey The application has been assigned to **Lean Steer Difference, LLC**

2020200807 TIGENIX NV; TIGENIX, S.A.U. The application has been assigned to **TIGENIX, S.A.U.**

2020201123 Band-Lok, LLC The application has been assigned to **OrthoPediatrics Corp.**

2020201863 Nortic Holdings Inc. The application has been assigned to **Grace Therapeutics Inc.**

2020218326 Copious Imaging LLC The application has been assigned to **Anduril Industries, Inc.**

2020218753 Copious Imaging LLC The application has been assigned to **Anduril Industries, Inc.**

2020219048 Copious Imaging LLC The application has been assigned to **Anduril Industries, Inc.**

2020219111 Copious Imaging LLC The application has been assigned to **Anduril Industries, Inc.**

2020225915 Institut National De La Sante Et De La Recherche Medicale; Université Grenoble Alpes; Université Paris Sud; Centre Hospitalier Universitaire Grenoble Alpes The application has been assigned to **Université Paris-Saclay; Université Grenoble Alpes; Institut National De La Sante Et De La Recherche Medicale; Centre Hospitalier Universitaire Grenoble Alpes**

2020248645 UMC Utrecht Holding B.V. The application has been assigned to **TigaTx, Inc.**

2020256639 Element AI Inc. The application has been assigned to **SERVICENOW CANADA INC.**

2020904530 Infinity Retractable Screens Pty Ltd The application has been assigned to **Freedom Screens Capital Pty Ltd**

2020904868 ResMed Pty Ltd The application has been assigned to **ResMed Asia Pte. Ltd.**

2021

2021102759 Tiwari, Ruchi; Tiwari, Gaurav; Singh, Ajeet; Yadav, Shikha; Verma, Anurag; Shukla, Ankit The application has been assigned to **Tiwari, Gaurav; Tiwari, Ruchi; Singh, Ajeet; Singh, Man; Singh, Mahendra; Yadav, Shikha**

2021104041 Tiwari, Ruchi; Ramachandran, Vadivelan; Tiwari, Gaurav; Tiwari, Arun Kumar The application has been assigned to **Singh, Kuldeep; Singh, Man; Tiwari, Gaurav; Ramachandran, Vadivelan; Tiwari, Ruchi; Singh, Amerendra**

Assignments before Grant, Section 113

2021204547 NILO GLOBAL LIMITED; Coveny, Philip Kenneth The application has been assigned to **NILO GLOBAL LIMITED**

2021205018 Du, Di The application has been assigned to **DU, Tong**

2021221708 Infinity Retractable Screens Pty Ltd The application has been assigned to **Freedom Screens Capital Pty Ltd**

2021221820 Infinity Retractable Screens Pty Ltd The application has been assigned to **Freedom Screens Capital Pty Ltd**

2021236574 Infinity Retractable Screens Pty Ltd The application has been assigned to **Freedom Screens Capital Pty Ltd**

2021900533 Greenbio IP Holdings Pty Ltd The application has been assigned to **STEM-SKY PTY LTD**

2021903151 MICROPACE PTY LTD The application has been assigned to **MICROFIELD GLOBAL PTY LTD**

2021903152 MICROPACE PTY LTD The application has been assigned to **MICROFIELD GLOBAL PTY LTD**

2021903189 MICROPACE PTY LTD The application has been assigned to **MICROFIELD GLOBAL PTY LTD**

2021903281 Anjo, Kenichi; Allen, Benjamin; Roberts, Richard; Kuffner dos Anjos, Rafael The application has been assigned to **Victoria Link Limited**

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.

2007

2007257480 **Agarwal, A.** An application to extend the time from 05 Jun 2021 to 05 Jan 2022 in which to pay a renewal fee has been filed . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2014

2014202826 **Zhang, Z.** An application to extend the time from 22 May 2021 to 22 Dec 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014249310 **DFI USA, LLC** An application to extend the time from 10 Mar 2021 to 10 Oct 2021 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016

2016203964 **STRAP N GO PTY LTD** An application to extend the time from 14 Jun 2021 to 14 Jan 2022 in which to pay a renewal fee has

Extensions of Time, Section 223

been filed . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2017

2017200328 **FALETRA, T.** An application to extend the time from 18 Jan 2021 to 18 Nov 2021 in which to pay a continuation fee has been filed . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2018

2018100337 **D.C RICHARDS & P.M RICHARDS** An application to extend the time from 19 Mar 2021 to 19 Nov 2021 in which to pay a renewal fee has been filed . Address for service - D.C RICHARDS & P.M RICHARDS po box 853 mossman QLD 4873 AU

2019

2019100541 **SENQUIP PTY LTD** An application to extend the time from 20 May 2021 to 20 Jan 2022 in which to pay a renewal fee has been filed . Address for service - SENQUIP PTY LTD 20 Trotter Road Bobs Farm NSW 2316 AU

2020

2020230302 **Chemokind, Inc.** An application to extend the time from 25 Apr 2021 to 25 Nov 2021 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2005

2005201317 **Sea Ski Australasia Limited** The time in which to pay a renewal fee has been extended to 25 Oct 2021 . Address for service - Trevor William Payne PO Box 1614 Kingscliff NSW 2487 AU

2006

2006284096 **Creabilis Therapeutics S.P.A.** The time in which to pay a renewal fee has been extended to 25 Aug 2021 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

2008

2008288346 **Novus Spain, S.A.** The time in which to pay a renewal fee has been extended to 15 Aug 2021 . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

2013

2013246526 **Navatek, Ltd.** The time in which to pay a renewal fee has been extended to 29 Apr 2021 . Address for service - WRAYS PTY LTD Level 7 863 Hay Street Perth WA 6000 AU

2015

2015201680 **Neat Feat Products Limited** The time in which to pay a renewal fee has been extended to 01 Nov 2021 . Address for service - AJ Pietras IP Limited AJ Pietras & Co Care of Collision & Co 117 King William Street (GPO Box 2556) Adelaide SA 5000 AU

2016

2016210060 **Atos SE; Degremont** The time in which to pay the continuation fee has been extended to 20 Jan 2021 . Address for service

Extensions of Time, Section 223

- Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016226191 **Helen of Troy Limited** The time in which to pay a renewal fee has been extended to 03 Nov 2021 . Address for service - Caska Intellectual Property Pty Ltd PO BOX 6061 PYMBLE NSW 2073 AU

2017

2017221510 **Happier Camper, Inc.** The time in which to pay a continuation fee has been extended to 21 Sep 2021 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2017266593 **Waterio Ltd.** The time in which to pay the acceptance fee has been extended to 02 Jan 2022 . Address for service - Yakov BENTKOVSKI C/O Kanalysis 111 Eagle Street, Level 54 Brisbane QLD 4000 AU

2018

2018100245 **Abdul-Malik, S.** The time in which to gain certification has been extended to 29 Mar 2022 . Address for service - Salim Abdul-Malik PO Box 45 St Andrews VIC 3761 AU

2018200127 **SWEENEY, P.** The time in which to request examination has been extended to 12 Jan 2022 . Address for service - Fraser Old & Sohn PO Box 560 MILSONS POINT NSW 1565 AU

2020

2020257111 **BioMarin Technologies B.V.** The time in which to pay a continuation fee has been extended to 28 Aug 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2020278407 **NONDRILL PTY LTD** The time in which to enter the National Phase has been extended to 17 Jan 2022 . Address for service - Ascot Martin Suite 407, Level 4 35 Spring Street BONDI JUNCTION NSW 2022 AU

2021

2021209244 **Hi.Q, Inc.** The time in which to request examination has been extended to 10 Nov 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2021209323 **Takeda Pharmaceutical Company Limited** The time in which to request examination has been extended to 10 Nov 2021 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2021261851 **SAMSUNG ELECTRONICS CO., LTD.** The time in which to make a further application for a divisional patent has been extended to 29 Nov 2021 . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 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.

2010

2010223919 Methods and compositions for cell-proliferation-related disorders **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratories' Servier . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2011

2011278998 Therapeutically active compositions and their method of use **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2013

2013211436 Therapeutically active compounds and their methods of use **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2013347771 Compounds and their methods of use **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2014

2014289744 Therapeutically active compounds and their methods of use **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2015

2015229212 Pharmaceutical compositions of therapeutically active compounds **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015229214 Pharmaceutical compositions of therapeutically active compounds **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015231053 Compounds and their methods of use **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016204346 METHODS AND COMPOSITIONS FOR CELL-PROLIFERATION-RELATED DISORDERS **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Pizeys Patent

Amendments

and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2016220088 Modification of transcriptional repressor binding site in NF-YC4 promoter for increased protein content and resistance to stress **Iowa State University Research Foundation, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Jan 2022 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2016272926 Improved productivity and bioproduct formation in phototropin knock/out mutants in microalgae **NMC, Inc. ; Los Alamos National Security, LLC** The nature of the amendment is as shown in the statement(s) filed 05 Jan 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016308262 Stable anti-IFNAR1 formulation **Astrazeneca AB** The nature of the amendment is as shown in the statement(s) filed 25 Oct 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016325554 Linear media handling system and devices produced using the same **Infinity Physics, LLC** The nature of the amendment is as shown in the statement(s) filed 03 Jan 2022 . Address for service - Griffith Hack Level 29 Northpoint 100 Miller Street Sydney NSW 2060 AU

2017

2017203738 Shovel handle with bail over dipper feature **Joy Global Surface Mining Inc** The nature of the amendment is as shown in the statement(s) filed 25 Nov 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017265100 THERAPEUTICALLY ACTIVE COMPOUNDS AND THEIR METHODS OF USE **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017279585 A type of ceramic composite tooth on roller crushers and its preparation method **Handan Shiwei New Materials Co. Ltd.** The nature of the amendment is: Amend the name of the inventor to read SHI, Haotian . Address for service - Armour IP Pty Ltd PO BOX 3099 Broadway Nedlands WA 6009 AU

2017286777 Dental implant having reverse-tapered main body for anterior post-extraction sockets **Southern Implants (Pty) Ltd** The nature of the amendment is as shown in the statement(s) filed 24 Dec 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017340623 Bacillus thuringiensis RTI545 compositions and methods of use for benefiting plant growth and controlling plant pests **FMC Corporation** The nature of the amendment is as shown in the statement(s) filed 21 Dec 2021 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2019

2019201179 THERAPEUTICALLY ACTIVE COMPOUNDS AND THEIR METHODS OF USE **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read

Amendments

Les Laboratoires Servier . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019206672 Efficient signaling based on associations of configuration parameters **ZTE Corporation** The nature of the amendment is as shown in the statement(s) filed 10 Jan 2022 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019216689 Treatment of cancer using humanized anti-CD19 chimeric antigen receptor **Novartis AG ; The Trustees of the University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2021 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2019229870 Instant virtual application launch **Citrix Systems, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Jan 2022 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2019232825 Pharmaceutical compositions of therapeutically active compounds **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019246824 Pharmaceutical compositions of therapeutically active compounds and their methods of use **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019283951 THERAPEUTICALLY ACTIVE COMPOUNDS AND THEIR METHODS OF USE **Les Laboratoires Servier SAS** The nature of the amendment is: Amend the name of the patentee to read Les Laboratoires Servier . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2021

2021103756 A Sludge Cleaning Device For Sewage Treatment Tank **Guangdong University of Technology** The nature of the amendment is: To add the name of co-inventor Feng, Li . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Amendments Made

2009

2009264565 **Novartis AG** The nature of the amendment is as shown in the statements filed 07 Jul 2021 and 21 Jul 2021

2012

2012262645 **Industrial Galvanizers Corporation Pty Ltd** The nature of the amendment is as shown in the statement filed 27 Sep 2021

2015

2015208661 **Meat & Livestock Australia Limited; James Cook University; Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2021

Amendments

2015246643 **Osseointegration Holdings Pty Ltd** The nature of the amendment is as shown in the statement filed 14 Oct 2021

2015302416 **Huygens AS** The nature of the amendment is as shown in the statements filed 18 Aug 2021 and 17 Sep 2021

2015353416 **Xencor, Inc.** The nature of the amendment is as shown in the statement filed 18 Oct 2021

2016

2016291846 **Compugen Ltd.** The nature of the amendment is: Amend the invention title to read HIDE1 Compositions and Methods

2016423814 **Desert King Chile S.A.** The nature of the amendment is: Amend the name of the inventor to read Padilla Iglesias, Leandro; Gonzalez Castro, Javier and Otero Peredo, Rodrigo

2017

2017207420 **Bostik, Inc.** The nature of the amendment is as shown in the statement filed 22 Sep 2021

2017222642 **Partnership For Clean Competition** The nature of the amendment is as shown in the statement(s) filed 25 Nov 2021

2017255411 **Qualcomm Incorporated** The nature of the amendment is: Amend the invention title to read BANDWIDTH AGNOSTIC TONE MAPPING

2017259275 **The Scripps Research Institute** The nature of the amendment is as shown in the statement(s) filed 07 Oct 2021

2017348344 **Tate & Lyle Ingredients Americas LLC** The nature of the amendment is as shown in the statement filed 19 Oct 2021

2018

2018201455 **Roquette Freres** The nature of the amendment is as shown in the statement filed 10 Jun 2021 and 29 September 2021

2018454293 **Suez Groupe** The nature of the amendment is: Amend the name of the inventor to read COURTOIS, Sophie; STEINMANN, Delphine; NEWCOMBE, Gayle and VAN DER LINDEN, Leon

2019

2019217444 **ExxonMobil Upstream Research Company** The nature of the amendment is as shown in the statement filed 27 Sep 2021

2019268159 **Massachusetts Institute of Technology** The nature of the amendment is: Amend the name of the inventor to read Jensen, Klavs F.; Jamison, Timothy F.; Myerson, Allan Stuart; Monbaliu, Jean-Christophe M.; Behnam, Mohsen; Wong, Shin Yee; Weeranoppanant, Nopphon; Revalor, Eve Marie; Stelzer, Torsten; Chen, Jie; Adamo, Andrea; Snead, David R. and Zhang, Ping

2019351804 **Eli Lilly and Company** The nature of the amendment is: Remove the names of co-inventors KATUIN, Joseph Edward; PSZENNY, Sean Matthew and WIESLER, Adam Nathaniel

Amendments

2019397490 **Pipeline Medical Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2021

2019422629 **Zhejiang Doer Biologics Corporation** The nature of the amendment is: Amend the invention title to read HEAVY-CHAIN ANTIBODIES (VHs) AGAINST CLAUDIN 18A2 AND USE THEREOF

2019449046 **Hanshow Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND SYSTEM FOR TRANSMITTING ELECTRONIC SHELF LABEL INFORMATION, ELECTRONIC SHELF LABEL AND SERVER

2019450376 **Lin, M.** The nature of the amendment is: Amend the invention title to read PORTABLE CONTAINER AND LID STRUCTURE THEREOF

2019451511 **Jilin Asymchem Laboratories Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method for Continuously Synthesizing Propellane Compound

2020

2020202669 **TAIYUAN UNIVERSITY OF TECHNOLOGY; Guiyang Plateau Machinery Company Limited** The nature of the amendment is: Amend the invention title to read MINE HOISTING DEVICE WITH BUILT-IN TYPE PERMANENT MAGNET MOTOR

2020236735 **Sio Gene Therapies Inc.; Oxford BioMedica Ltd.** The nature of the amendment is: To amend the name of the co-applicant to read OXFORD BIOMEDICA (UK) LIMITED

2020251206 **TOPL LIMITED** The nature of the amendment is: Amend the priority details to read 2001903.0 12 Feb 2020 GB and 1904882.6 05 Apr 2019 GB

2020284781 **Hangzhou Sunstone Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read MULTIPLE CLIP APPLIER

2020286424 **Vertex Pharmaceuticals Incorporated** The nature of the amendment is: Amend the invention title to read Condensed tricyclic pyrroles as alpha-1 antitrypsin Modulators

2020288876 **Barrick Gold Corporation** The nature of the amendment is: Amend the invention title to read METHOD FOR RECOVERING PRECIOUS METALS FROM THIOSULFATE LEACH SOLUTIONS

2020290135 **Syddansk Universitet; Aarhus Universitet** The nature of the amendment is as shown in the statement(s) filed 15 Dec 2021

2020290877 **Dr Hedén AB** The nature of the amendment is as shown in the statement filed 14 Dec 2021

2020301334 **The Procter & Gamble Company** The nature of the amendment is: Amend the priority details to read PCT/CN2019/0093507 28 Jun 2019 CN

Amendments**2021**

2021107526 **Qingdao University of Science and Technology** The nature of the amendment is: Amend the name of a co-inventor to read XIE, Wancui

2021218025 **Nanjing University of Aeronautics and Astronautics** The nature of the amendment is: Application is to proceed under the number 2021107656

2021218163 **Aristocrat Technologies, Inc.** The nature of the amendment is: Amend the priority details to read 16/947,838 19 Aug 2020 US

2021277651 **CITY OF HOPE** The nature of the amendment is: Add the name of co-inventor Mardiros, Armen

2021277681 **Northwest Agriculture and Forestry University** The nature of the amendment is: Amend the name of the inventor to read Cai, Yuliang and Li, Xiangnan

2021282499 **Evogene Ltd.** The nature of the amendment is: Amend the invention title to read Isolated polynucleotides and polypeptides, and methods of using same for increasing nitrogen use efficiency, yield, growth rate, vigor, biomass, oil content, and/or abiotic stress tolerance

2021286269 **Massachusetts Institute of Technology** The nature of the amendment is: Amend the name of the inventor to read Adamo, Andrea; Jensen, Klavs F.; Myerson, Allan Stuart; Zhang, Ping; Jamison, Timothy F.; Monbaliu, Jean-Christophe M.; Behnam, Mohsen; Wong, Shin Yee; Weeranoppanant, Nopphon; Revalor, Eve Marie; Stelzer, Torsten; Chen, Jie and Snead, David R.

2021900647 **Bolttd Pty Ltd** The nature of the amendment is: To amend the applicant name to read Bolttd Pty Ltd

2021902510 **Behavioural Neuroscientific Systems Pty Ltd** The nature of the amendment is: To amend the applicant name to read Behavioural Neuroscientific Systems Pty Ltd

2021902511 **Behavioural Neuroscientific Systems Pty Ltd** The nature of the amendment is: To amend the applicant name to read Behavioural Neuroscientific Systems Pty Ltd

2021904049 **Rubicon Research Pty Ltd; The University of Melbourne** The nature of the amendment is: To amend the co-applicant name to read Rubicon Research Pty Ltd

Alteration of Name(s) of Applicant(s)/Patentee(s)**2005**

2005201358 Nissin Kogyo Co., Ltd. The name of the patentee has been altered to **Hitachi Astemo, Ltd.**

2009

2009249523 Boku The name of the patentee has been altered to **Boku, Inc.**

Amendments**2011**

2011206942 Mixer Technologies Inc. The name of the patentee has been altered to **Allerion Oilfield Services Inc.**

2014

2014248516 Panacea Biomatx, Inc. The name of the patentee has been altered to **OneFul Health, Inc.**

2015

2015334108 Michatek k.s. The name of the patentee has been altered to **GRONBACH k.s.**

2016

2016213813 Michatek k.s. The name of the patentee has been altered to **GRONBACH k.s.**

2016244307 Michatek k.s. The name of the patentee has been altered to **GRONBACH k.s.**

2016248455 Global Strategies, Inc. The name of the patentee has been altered to **GLOBAL STRATEGIES HOLDING CORP.**

2016268975 Sulfateq B.V.; Rijksuniversiteit Groningen The name of the applicant has been altered to **Sulfateq B.V.**

2016423814 Natural Response, S.A. The name of the applicant has been altered to **Desert King Chile S.A.**

2017

2017201195 Downer EDI Mining - Blasting Services Pty The name of the applicant has been altered to **Enaex Australia Pty Ltd**

2017221810 Panacea Biomatx, Inc. The name of the patentee has been altered to **OneFul Health, Inc.**

2017239473 3DBiopsy, Inc. The name of the applicant has been altered to **Triopsy Medical, Inc.**

2017242179 Hitachi Astemo, Ltd. The name of the patentee has been altered to **Hitachi Astemo, Ltd.**

2017242180 Nissin Kogyo Co., Ltd. The name of the patentee has been altered to **Hitachi Astemo, Ltd.**

2017252703 Nissin Kogyo Co., Ltd. The name of the patentee has been altered to **Hitachi Astemo, Ltd.**

2017252704 Nissin Kogyo Co., Ltd. The name of the patentee has been altered to **Hitachi Astemo, Ltd.**

2018

2018203111 SETCO Australia Pty Ltd The name of the applicant has been altered to **VENTICO Australia Pty Limited**

2018203112 SETCO Australia Pty Ltd The name of the applicant has been altered to **VENTICO Australia Pty Limited**

Amendments

2018220014 The Blueprint Laboratory Pty Ltd The name of the applicant has been altered to **Blueprint Lab Pty Ltd**

2019

2019250911 Panacea Biomatx, Inc. The name of the applicant has been altered to **OneFul Health, Inc.**

2019285890 Shenzhen Voxtech Co., Ltd. The name of the applicant has been altered to **Shenzhen Shokz Co., Ltd**

2019285891 Shenzhen Voxtech Co., Ltd. The name of the applicant has been altered to **Shenzhen Shokz Co., Ltd**

2019461917 Ceramic Data Solution GmbH The name of the applicant has been altered to **Ceramic Data Solutions GmbH**

2020

2020101396 Split Payments Pty Ltd The name of the patentee has been altered to **Zepto Payments Pty Ltd**

2020295290 Gamble, Mardelle The name of the applicant has been altered to **Gamble, M.**

2020302919 Perceptive Sensor Technologies LLC The name of the applicant has been altered to **PERCEPTIVE SENSOR TECHNOLOGIES, INC.**

2021

2021277773 Mazor Robotics Ltd. The name of the applicant has been altered to **Medtronic, Inc.**

2021286320 Daiichi Sankyo Company, Limited The name of the applicant has been altered to **Daiichi Sankyo Company, Limited; Daiichi Sankyo Europe GmbH**

2021286366 eSAT Global Inc. The name of the applicant has been altered to **eSat Global, Inc.**

2021903903 Advance NanoTek Ltd. The name of the applicant has been altered to **Advance ZincTek Limited**

Applications Open to Public Inspection

Name Index

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

<p>(71) 2cureX ApS (11) AU-A-2021290324 (21) 2021290324 (22) 23.12.2021 (54) Identifying compounds modifying a cellular phenotype (51) Int. Cl. B01L 3/00 (2006.01) G01N 33/50 (2006.01) (43) 27.01.2022 (62) 2019283917 (72) THASTRUP, Ole; HAGEL, Grith (74) FB Rice Pty Ltd</p> <hr/> <p>(71) AbbVie Deutschland GmbH & Co. KG; AbbVie Inc. (11) AU-A-2021290298 (21) 2021290298 (22) 22.12.2021 (54) Composition and method for diagnosis and treatment of diseases associated with neurite degeneration (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) (43) 27.01.2022 (62) 2019261719 (72) MUELLER, Bernhard; HUANG, Lili; BARDWELL, Philip D.; KUTSKOVA, Yuliya; MEMMOTT, John (74) Spruson & Ferguson</p> <hr/> <p>AbbVie Inc. see AbbVie Deutschland GmbH & Co. KG (21) 2021290298</p> <hr/> <p>(71) Ablynx N.V. (11) AU-A-2021290305 (21) 2021290305 (22) 22.12.2021 (54) Nanobody dimers linked via C-terminally engineered cysteins (51) Int. Cl. C07K 16/00 (2006.01) A61P 35/00 (2006.01) C07K 16/18 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) (43) 27.01.2022 (62) 2016214317 (72) BOUTTON, Carlo; JANSSENS, Daniel; CASTEELS, Peter; SCHOTTE, Peter; DESCAMPS, Francis (74) Spruson & Ferguson</p> <hr/> <p>(71) Acres Technology (11) AU-A-2021204715 (21) 2021204715 (22) 06.07.2021 (54) Electronic Gaming Machine Trigger in Response to a Live Sporting Event</p>	<p>(51) Int. Cl. G07F 17/32 (2006.01) H04L 67/131 (2022.01) H04N 21/2187 (2011.01) (31) 16/922,197 (32) 07.07.20 (33) US (43) 27.01.2022 (72) Acres, Noah; Acres, John F. (74) Golja Haines & Friend</p> <hr/> <p>(71) Airbus Helicopters (11) AU-A-2021204174 (21) 2021204174 (22) 21.06.2021 (54) Method for manufacturing an electrical harness (51) Int. Cl. H01B 13/012 (2006.01) H02G 1/00 (2006.01) (31) 2007329 (32) 10.07.20 (33) FR (43) 27.01.2022 (72) PITTAU, Serge (74) Griffith Hack</p> <hr/> <p>(71) Airbus Helicopters (11) AU-A-2021204175 (21) 2021204175 (22) 21.06.2021 (54) Angular orientation tool for manufacturing and checking a harness (51) Int. Cl. H01B 13/012 (2006.01) (31) 2007330 (32) 10.07.20 (33) FR (43) 27.01.2022 (72) PITTAU, Serge; MARTINO, Franck (74) Griffith Hack</p> <hr/> <p>(71) AMO Development, LLC (11) AU-A-2021290287 (21) 2021290287 (22) 22.12.2021 (54) Free floating patient interface for laser surgery system (51) Int. Cl. A61F 9/009 (2006.01) A61F 9/008 (2006.01) (43) 27.01.2022 (62) 2016423068 (72) Schuele, Georg; Gooding, Phillip H.; Angeley, David; Wang, Zhao (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) AMO Groningen B.V. (11) AU-A-2021290302 (21) 2021290302 (22) 22.12.2021 (54) Progressive power intraocular lens, and methods of use and manufacture (51) Int. Cl. A61F 2/16 (2006.01)</p>	<p>(43) 27.01.2022 (62) 2017218680 (72) Canovas, Vidal Carmen; Heredia, Aixa Alarcon; Piers, Patricia Ann; Weeber, Hendrik A. (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) Apple Inc. (11) AU-A-2021290284 (21) 2021290284 (22) 22.12.2021 (54) Providing relevant data items based on context (51) Int. Cl. G06F 16/00 (2019.01) G06F 3/00 (2006.01) (43) 27.01.2022 (62) 2021204811 (72) BLATZ, John L.; AGGARWAL, Akshay; BHARGAVA, Radhika; LIU, Daiwei; RAMASWAMY, Pallavika; SO, Kelvin Ting Pui (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) Apple Inc. (11) AU-A-2021290292 (21) 2021290292 (22) 22.12.2021 (54) User interface for camera effects (51) Int. Cl. G03B 19/22 (2021.01) G06F 3/0484 (2022.01) G06F 3/0488 (2022.01) (43) 27.01.2022 (62) 2020260413 (72) MANZARI, Behkish J.; PIVONKA, Pavel; DYE, Alan C.; LEMAY, Stephen O.; BEREZA, Marek; PRESTON, Daniel Trent; BRASKET, Jeffrey A. (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (11) AU-A-2021205016 (21) 2021205016 (22) 13.07.2021 (54) CONCURRENT DISPLAY AND INTER-ACTION BETWEEN GAME TYPES ON AN ELECTRONIC GAMING DEVICE (51) Int. Cl. G07F 17/32 (2006.01) A63F 13/60 (2014.01) (31) 16/927,120 (32) 13.07.20 (33) US (43) 27.01.2022 (72) IMUTAN, Cash; HENDRICKS, Bradley (74) Griffith Hack</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2021290285 (21) 2021290285 (22) 22.12.2021 (54) A GAMING DEVICE (51) Int. Cl. A63F 13/45 (2014.01)</p>
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Applications Open to Public Inspection - Name Index cont'd

- (43) 27.01.2022
 (62) 2019264568
 (72) Crispino, Oliver; Tran, Toan; Lombardo, Paul; Sidioti, Alex
 (74) Griffith Hack
-
- Axino Solutions AG see Genossenschaft Migros Zürich**
 (21) 2021204780
-
- (71) AxoGen Corporation
 (11) AU-A-2021290283
 (21) 2021290283 (22) 22.12.2021
 (54) CONNECTOR AND WRAP FOR END-TO-SIDE NERVE COAPTATION
 (51) Int. Cl.
A61B 17/11 (2006.01)
A61B 17/04 (2006.01)
A61L 27/16 (2006.01)
A61L 27/24 (2006.01)
 (43) 27.01.2022
 (62) 2016349525
 (72) ORRICO, Michael Raymond; MERCED-O'NEILL, Orlando
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
-
- (71) B.M.B Investments Pty Ltd
 (11) AU-A-2020204533
 (21) 2020204533 (22) 07.07.2020
 (54) A storage container
 (51) Int. Cl.
B65D 1/22 (2006.01)
B65D 21/02 (2006.01)
B65D 21/024 (2006.01)
B65D 21/036 (2006.01)
B65D 43/12 (2006.01)
B65D 43/20 (2006.01)
B65D 43/22 (2006.01)
 (43) 27.01.2022
 (72) Bran, Rodney; Le, Christina
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Babu, K.R.
 (11) AU-A-2020289772
 (21) 2020289772 (22) 10.09.2020
 (54) System and method to operate a pneumatic vacuum elevator
 (51) Int. Cl.
B66B 9/04 (2006.01)
 (31) 202041029732 (32) 13.07.20 (33) IN
 (43) 27.01.2022
 (72) Babu, Killakathu Ramanathan
 (74) Franke Hyland Pty Ltd
-
- (71) Beijing Tusen Weilai Technology Co., Ltd.
 (11) AU-A-2021240237
 (21) 2021240237 (22) 09.07.2021
 (54) Trajectory prediction method and device
 (51) Int. Cl.
G06N 3/08 (2006.01)
G06K 9/62 (2006.01)
G06Q 10/04 (2012.01)
G06Q 50/30 (2012.01)
-
- G06T 7/70** (2017.01)
 (31) 202010658245.9 (32) 09.07.20 (33) CN
 (43) 27.01.2022
 (72) He, Hao; Wang, Naiyan
 (74) FB Rice Pty Ltd
-
- (71) BEYONDSRING PHARMACEUTICALS, INC.
 (11) AU-A-2021290270
 (21) 2021290270 (22) 21.12.2021
 (54) Method of treating cancer associated with a RAS mutation
 (51) Int. Cl.
A61K 31/496 (2006.01)
A61P 35/00 (2006.01)
 (43) 27.01.2022
 (62) 2016229294
 (72) HUANG, Lan
 (74) Griffith Hack
-
- (71) BISSELL Inc.
 (11) AU-A-2021204748
 (21) 2021204748 (22) 07.07.2021
 (54) Surface cleaning apparatus
 (51) Int. Cl.
A47L 11/30 (2006.01)
A47L 7/00 (2006.01)
 (31) 16/922,665 (32) 07.07.20 (33) US
 (43) 27.01.2022
 (72) DeJONGE, Mitchell J.; CLIFFORD, Seth Robert
 (74) Griffith Hack
-
- (71) BNSF Railway Company
 (11) AU-A-2021204498
 (21) 2021204498 (22) 30.06.2021
 (54) AVALANCHE SLIDE DETECTION SYSTEM AND METHOD
 (51) Int. Cl.
G01L 5/00 (2006.01)
E01F 7/04 (2006.01)
G01P 13/00 (2006.01)
G01W 1/04 (2006.01)
G08B 21/10 (2006.01)
 (31) 16/924,694 (32) 09.07.20 (33) US
 (43) 27.01.2022
 (72) BEARD, Mitchell Wayne
 (74) Houlihan² Pty Ltd
-
- (71) BXB Digital Pty Limited
 (11) AU-A-2021286364
 (21) 2021286364 (22) 16.12.2021
 (54) SYSTEMS AND METHODS FOR TRACKING GOODS CARRIERS
 (51) Int. Cl.
G06K 9/00 (2006.01)
G06K 9/62 (2006.01)
 (43) 27.01.2022
 (62) 2018353840
 (72) Bricarello, Dan; Castillo, Juan; Srinivasamurthy, Prasad; Souder, Michael
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Charles University; Weta Digital Limited
 (11) AU-A-2020368983
 (21) 2020368983 (22) 08.07.2020
 (54) Method and system for rendering
 (51) Int. Cl.
H04N 1/407 (2006.01)
 (43) 27.01.2022
 (72) WILKIE, Alexander
 (74) AJ PARK
-
- (71) Citrix Systems, Inc.
 (11) AU-A-2021290309
 (21) 2021290309 (22) 22.12.2021
 (54) Computing system providing direct routing for desktop as a service (DaaS) sessions to a private network and related methods
 (51) Int. Cl.
G06F 21/53 (2013.01)
 (43) 27.01.2022
 (62) 2020267208
 (72) SINGLETON IV, Leo C.; BELL, Kenneth; DESHPANDE, Jitendra
 (74) Spruson & Ferguson
-
- (71) ConMed Corporation
 (11) AU-A-2021290275
 (21) 2021290275 (22) 22.12.2021
 (54) Pencil-grip wire driver operated with distally located actuator
 (51) Int. Cl.
A61B 17/16 (2006.01)
 (43) 27.01.2022
 (62) 2019251095
 (72) SIEH, John K.; MCGARVEY, James
 (74) Griffith Hack
-
- (71) Cox Automotive, Inc.
 (11) AU-A-2021204794
 (21) 2021204794 (22) 08.07.2021
 (54) SYSTEMS AND METHODS FOR ASSOCIATING WEBSITE VISITORS WITH A STICKY DYNAMIC INTERNET PROTOCOL (IP) ADDRESS
 (51) Int. Cl.
G06F 16/957 (2019.01)
H04L 67/1396 (2022.01)
H04L 67/146 (2022.01)
 (31) 63/049,502 (32) 08.07.20 (33) US
 (43) 27.01.2022
 (72) Anderson, Russell Scott
 (74) Pini IP
-
- (71) DENDRA SYSTEMS LTD
 (11) AU-A-2020227016
 (21) 2020227016 (22) 01.09.2020
 (54) PLANTING SYSTEM HAVING SEED FLOW CONTROLLER
 (51) Int. Cl.
A01C 7/04 (2006.01)
B64C 39/02 (2006.01)
B64D 1/16 (2006.01)
 (31) 16/927,778 (32) 13.07.20 (33) US

Applications Open to Public Inspection - Name Index cont'd

- (43) 27.01.2022
 (72) REABOW, Jared; REDRUP, Hannah; FERNANDEZ-MIRANDA, Elena; LEONARD, Jeremie
 (74) Collison & Co
-
- (71) Dongguan Poweramp Technology Limited
 (11) AU-A-2020372600
 (21) 2020372600 (22) 09.07.2020
 (54) System and method for wake-up control of parallel battery packs
 (51) Int. Cl.
H02J 7/00 (2006.01)
 (43) 27.01.2022
 (72) TANG, Haoming; WANG, Wanjia; ZHANG, Jianping
 (74) Admiral Trademarks & Patents Services
-
- (71) Electrolux Appliances Aktiebolag
 (11) AU-A-2021203897
 (21) 2021203897 (22) 11.06.2021
 (54) A LAUNDRY WASHING MACHINE
 (51) Int. Cl.
D06F 39/08 (2006.01)
D06F 23/02 (2006.01)
D06F 25/00 (2006.01)
D06F 33/32 (2020.01)
D06F 103/18 (2020.01)
D06F 105/06 (2020.01)
 (31) 20185373.6 (32) 10.07.20 (33) EP
 (43) 27.01.2022
 (72) PEROSA, Vittorio; BRUNA, Alessandro
 (74) Halfords IP
-
- (71) eleXsys IP Pty Ltd
 (11) AU-A-2021286375
 (21) 2021286375 (22) 16.12.2021
 (54) Electrical supply system
 (51) Int. Cl.
G01R 19/12 (2006.01)
G01R 19/165 (2006.01)
H02H 1/00 (2006.01)
 (43) 27.01.2022
 (62) 2019204551
 (72) Butler, Dale John
 (74) Davies Collison Cave Pty Ltd
-
- (71) Essilor International
 (11) AU-A-2021204776
 (21) 2021204776 (22) 08.07.2021
 (54) EYEWEAR
 (51) Int. Cl.
G02C 9/04 (2006.01)
G02C 1/02 (2006.01)
G02C 7/02 (2006.01)
 (31) FR2007340 (32) 10.07.20 (33) FR
 (43) 27.01.2022
 (72) PERRIN, Jean-Luc; BONNIN, Thierry; JOUARD, Ludovic
 (74) AJ PARK
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- (71) Essilor International
 (11) AU-A-2021290261
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G02C 7/10 (2006.01)
G02B 1/115 (2015.01)
G02B 5/22 (2006.01)
G02B 5/28 (2006.01)
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 (11) AU-A-2021204986
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E06B 5/16 (2006.01)
E06B 3/70 (2006.01)
E06B 3/72 (2006.01)
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G10L 19/008 (2013.01)
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G05B 13/04 (2006.01)
F25D 29/00 (2006.01)
H04Q 9/02 (2006.01)
H04W 84/18 (2009.01)
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 (51) Int. Cl.
A44B 11/20 (2006.01)
A45C 13/30 (2006.01)
G03B 17/56 (2021.01)
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- (71) GoPlus Corp.
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A47C 19/12 (2006.01)
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E04D 13/10 (2006.01)
F24S 20/70 (2018.01)
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 A61K 31/4985 (2006.01)
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 (54) IMMUNOREPERTOIRE NORMALITY ASSESSMENT METHOD AND ITS USE
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 (72) Han, Jian
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 (54) Actuator
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 (54) APPARATUS AND METHOD FOR COMBINATORIAL HYPERMAP BASED DATA REPRESENTATIONS AND OPERATIONS
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 F04D 29/059 (2006.01)
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 H02K 7/14 (2006.01)
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 H02H 3/28 (2006.01)
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G02F 1/1333 (2006.01)
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G06Q 30/06 (2012.01)
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(21) 2021290257 (22) 21.12.2021
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C12N 15/113 (2010.01)
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A47B 88/40 (2017.01)
A47B 77/10 (2006.01)
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A61N 1/36 (2006.01)
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(54) System and method for picking items
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A24F 47/00 (2020.01)

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 A01K 67/027 (2006.01)
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 A47G 19/12 (2006.01)
 F25D 3/08 (2006.01)
 F28D 1/02 (2006.01)
 F28D 1/053 (2006.01)
 F28D 7/10 (2006.01)
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 G02F 1/1333 (2006.01)
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 A61K 36/539 (2006.01)
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 A61K 9/48 (2006.01)
 A61K 35/413 (2015.01)
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 (21) 2021204786 (22) 08.07.2021
 (54) UV emitter and controller for disinfection of spaces
 (51) Int. Cl.
 A61L 2/10 (2006.01)
 A61L 2/24 (2006.01)
 A61L 2/28 (2006.01)
 (31) 2010591.2 (32) 09.07.20 (33) GB
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 (72) Karitonas, Tautvydas
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 (21) 2020204628 (22) 10.07.2020
 (54) A CONTINUOUS CIRCULAR CROSS-SECTIONAL WOODEN WALL RAIL ARRANGEMENT FOR A STAIRWAY AND A METHOD OF ASSEMBLING THEREOF
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E04F 11/18 (2006.01)
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(71) Strata Safety Products, LLC
 (11) AU-A-2021290269
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 (54) Proximity detection system with approach zone
 (51) Int. Cl.
G08B 1/08 (2006.01)
G01R 33/02 (2006.01)
 (43) 27.01.2022
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 (72) MICHAUD, Tom; BERUBE, Michael; DUNKIN, Brian; HAKINS, David; TOWER, Dwayne; HERDA, Gary
 (74) Griffith Hack

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 (21) 2021290325 (22) 23.12.2021
 (54) Order management and processing using a distributed commerce platform
 (51) Int. Cl.
G06Q 10/08 (2012.01)
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 (74) FPA Patent Attorneys Pty Ltd

(71) The NOCO Company
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 (51) Int. Cl.
H02J 7/04 (2006.01)
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 (21) 2021290320 (22) 23.12.2021

(54) COMPOSITIONS AND METHODS FOR INHIBITION OF LINEAGE SPECIFIC ANTIGENS
 (51) Int. Cl.
A61K 35/17 (2015.01)
C07K 14/705 (2006.01)
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C07K 16/28 (2006.01)
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C12N 5/0783 (2010.01)
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A61K 31/05 (2006.01)
A61K 31/352 (2006.01)
A61P 21/02 (2006.01)
A61P 25/04 (2006.01)
A61P 25/08 (2006.01)
A61P 25/20 (2006.01)
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G06Q 40/04 (2012.01)
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 (54) GEARCASE ASSEMBLY AND METHOD
 (51) Int. Cl.
F16H 57/029 (2012.01)
B63H 20/32 (2006.01)
F16J 15/3204 (2016.01)
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 (51) Int. Cl.
F28F 13/12 (2006.01)
F28D 7/02 (2006.01)
F28D 7/04 (2006.01)
F28D 7/08 (2006.01)
F28F 1/02 (2006.01)
F28F 1/10 (2006.01)
F28F 9/013 (2006.01)
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(71) Vaxxas Pty Limited
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 (21) 2021290308 (22) 22.12.2021
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 (51) Int. Cl.
A61M 37/00 (2006.01)
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 (51) Int. Cl.
H05B 3/68 (2006.01)
F24C 7/06 (2006.01)
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 (21) 2021201946 (22) 29.03.2021
 (54) An intelligent ultra-long-stroke winding pumping unit
 (51) Int. Cl.
E21B 43/12 (2006.01)
F04B 47/02 (2006.01)
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F04B 49/06 (2006.01)
G05B 13/02 (2006.01)
G05B 19/04 (2006.01)
H04Q 9/02 (2006.01)
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 (21) 2020204629 (22) 10.07.2020
 (54) Bi-directional bolt
 (51) Int. Cl.
E05C 9/04 (2006.01)
E04B 1/61 (2006.01)
F16B 13/04 (2006.01)
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 (72) Webber, Adam
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 (21) 2021204296 (22) 24.06.2021
 (54) BRAKE CONTROL SYSTEM
 (51) Int. Cl.
B60T 13/68 (2006.01)
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B61L 3/00 (2006.01)
 (31) 63/049,449 (32) 08.07.20 (33) US
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 (74) Phillips Ormonde Fitzpatrick

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 (11) AU-A-2021204705
 (21) 2021204705 (22) 06.07.2021
 (54) Baby carriage brake mechanism and baby carriage having the same
 (51) Int. Cl.
B62B 9/08 (2006.01)
 (31) 202010659794.8 (32) 09.07.20 (33) CN
 (43) 27.01.2022
 (72) GUO, Zhengwen; ZHU, Wanquan
 (74) Allens Patent & Trade Mark Attorneys

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 (21) 2021290278 (22) 22.12.2021
 (54) Patient-specific surgical devices, systems, and methods
 (51) Int. Cl.
A61B 17/90 (2006.01)
 (43) 27.01.2022
 (62) 2020260459
 (72) STEMNISKI, Paul M.; REYNOLDS, David G.
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(71) Xencor, Inc.
 (11) AU-A-2021290252
 (21) 2021290252 (22) 21.12.2021
 (54) Novel heterodimeric proteins
 (51) Int. Cl.
C07K 16/46 (2006.01)
 (43) 27.01.2022
 (62) 2019204841
 (72) DESJARLAIS, John; MOORE, Gregory; RASHID, Rumana; BERNETT, Matthew J.
 (74) Davies Collison Cave Pty Ltd

Weta Digital Limited see Charles University
 (21) 2020368983

(71) Wing Aviation LLC
 (11) AU-A-2021290304
 (21) 2021290304 (22) 22.12.2021
 (54) Methods and systems for damping oscillations of a payload
 (51) Int. Cl.
B64D 1/22 (2006.01)
B64C 39/02 (2006.01)
B64D 45/00 (2006.01)

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2020204598	ROSENBLUM, R.; ROSENBLOOM, M.; VAN DIJK, Y.Y.	2021290285	Aristocrat Technologies Australia Pty Limited
2020204628	STAIR LOCK PTY LTD	2021290287	AMO Development, LLC
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2021204527	GOBE CORP UK Ltd	2021290316	NEC Corporation
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2021204986	Fire Door Core Pty Ltd		
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. (*) Title not in Roman characters

. (**) Title not given

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

Datta Meghe Institute of Medical Sciences (DU) see Yeshwantrao Chavan College of Engineering
(21) 2021105482

Gawande, S. see Yeshwantrao Chavan College of Engineering
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Sharad Pawar Dental College see Yeshwantrao Chavan College of Engineering
(21) 2021105482

(71) Yeshwantrao Chavan College of Engineering; Datta Meghe Institute of Medical Sciences (DU); Sharad Pawar Dental College; Gawande, S.

(11) AU-A-2021105482

(21) 2021105482 **(22)** 13.08.2021

(54) A SYSTEM AND METHOD FOR CONSTANT SWITCHING FREQUENCY CONTROL FOR CONVERTER

(51) Int. Cl.

H02M 1/08 (2006.01)

H02M 1/00 (2007.01)

H02M 7/44 (2006.01)

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(45) 27.01.2022

(72) Gawande, S.; Mudaliar, Bhagyashree; krishnan, Gopal

(74) Yeshwantrao Chavan College of Engineering

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2021105482 Yeshwantrao Chavan College of Engineering; Datta
Meghe Institute of Medical Sciences (DU); Sharad
Pawar Dental College; Gawande, S.

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 (54) Light-emitting apparatus using metasurfaces and light-emitting method thereof
 (51) Int. Cl.
F21K 9/60 (2016.01)
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 (87) WO2020/252585
 (31) 62/862,853 (32) 18.06.19 (33) US
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 (43) 24.12.2020
 (72) PAHLEVANINEZHAD, Hamid;
 MOAVEN, Aria; PAHLEVANINEZHAD,
 Majid; SCHERWITZ, Sam
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(71) 3B Pharmaceuticals GmbH
 (11) AU-A-2020309161
 (21) 2020309161 (22) 08.07.2020
 (54) Compounds comprising a fibroblast activation protein ligand and use thereof
 (51) Int. Cl.
C07K 7/08 (2006.01)
A61K 38/08 (2019.01)
C07K 14/81 (2006.01)
G01N 33/543 (2006.01)
 (87) WO2021/005131
 (31) 19000325.1 (32) 08.07.19 (33) EP
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 (43) 14.01.2021
 (72) OSTERKAMP, Frank; ZBORAL-
 SKI, Dirk; SCHNEIDER, Eberhard;
 HAASE, Christian; PASCHKE, Matthis-
 as; HÖHNE, Aileen; UNGEWISS, Jan;
 SMERLING, Christiane; REINEKE, Ul-
 rich; BREDENBECK, Anne
 (74) Phillips Ormonde Fitzpatrick

(71) 3B Pharmaceuticals GmbH
 (11) AU-A-2020310538
 (21) 2020310538 (22) 08.07.2020
 (54) Compounds comprising a fibroblast activation protein ligand and use thereof
 (51) Int. Cl.
C07K 7/08 (2006.01)
A61K 38/08 (2019.01)
C07K 14/81 (2006.01)
G01N 33/543 (2006.01)
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A61K 9/19 (2006.01)
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A61P 25/00 (2006.01)
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C12R 1/01 (2006.01)
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A61K 38/15 (2006.01)
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G07F 11/00 (2006.01)
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F02D 29/06 (2006.01)
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C01G 23/00 (2006.01)
C04B 35/47 (2006.01)
C23C 18/00 (2006.01)
C30B 29/60 (2006.01)
H01L 21/00 (2006.01)
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F16H 55/12 (2006.01)
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C08K 3/012 (2018.01)
C08K 3/26 (2006.01)
C08K 5/00 (2006.01)
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C07D 333/38 (2006.01)
A01N 43/10 (2006.01)
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C07H 21/04 (2006.01)
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A61K 31/4706 (2006.01)
A61K 31/4725 (2006.01)
A61K 31/5025 (2006.01)
A61P 1/16 (2006.01)
A61P 3/04 (2006.01)
A61P 9/00 (2006.01)
A61P 25/00 (2006.01)
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A23K 10/12 (2016.01)
C07K 14/395 (2006.01)
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A61K 31/506 (2006.01)
C07D 239/48 (2006.01)
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C07D 403/12 (2006.01)
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B01D 19/00 (2006.01)
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C12M 1/04 (2006.01)
C12M 3/06 (2006.01)
G01N 1/40 (2006.01)
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G01K 3/08 (2006.01)
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A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
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A61P 25/06 (2006.01)
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G01N 21/64 (2006.01)
H01L 27/146 (2006.01)
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C12Q 1/6869 (2018.01)
F21V 8/00 (2006.01)
G01N 21/77 (2006.01)
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A47J 31/54 (2006.01)
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C07K 14/005 (2006.01)
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A23K 20/147 (2016.01)
A23L 7/10 (2016.01)
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A61K 35/545 (2015.01)
C12N 5/0789 (2010.01)
C12N 15/66 (2006.01)
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A61K 38/00 (2006.01)
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A01N 37/40 (2006.01)
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01N 25/32 (2006.01)
A01N 43/36 (2006.01)
A01N 43/40 (2006.01)
A01N 43/90 (2006.01)
A01N 47/38 (2006.01)
A01P 13/02 (2006.01)
C05G 3/60 (2020.01)
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 (54) Substituted pyridazinones as herbicides
 (51) Int. Cl.
C07D 403/10 (2006.01)
A01N 43/58 (2006.01)
C07D 237/16 (2006.01)
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C07D 409/10 (2006.01)
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C07D 221/20 (2006.01)
A01N 43/42 (2006.01)
A01P 13/02 (2006.01)
C07D 401/06 (2006.01)
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C07D 237/16 (2006.01)
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A01N 43/40 (2006.01)
C07C 1/00 (2006.01)
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C07D 213/85 (2006.01)
C07D 237/24 (2006.01)
C07D 239/30 (2006.01)
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C12M 1/34 (2006.01)
C12Q 1/14 (2006.01)
C12Q 1/6806 (2018.01)
C12Q 1/689 (2018.01)
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B29D 28/00 (2006.01)
D04G 1/00 (2006.01)
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C07H 21/02 (2006.01)
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B66C 23/22 (2006.01)
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C07K 16/22 (2006.01)
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A61K 38/12 (2006.01)
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A61F 6/06 (2006.01)
A61K 31/567 (2006.01)
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G01D 11/24 (2006.01)
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C07K 16/28 (2006.01)
A61P 31/00 (2006.01)
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C07K 14/725 (2006.01)
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G16H 80/00 (2018.01)
G06Q 30/06 (2012.01)
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 (21) 2020292662 (22) 12.06.2020
 (54) Sampling device and sampling system
 (51) Int. Cl.
 A61B 10/06 (2006.01)
 A61B 10/04 (2006.01)
 A61B 17/28 (2006.01)
 A61B 18/04 (2006.01)
 (87) WO2020/249089
 (31) 32019000095.2 (32) 19.12.19 (33) HK
 19125288.1 14.06.19 HK
 (43) 17.12.2020
 (72) TAM, Chi Chun Terence; YUEN, Mae
 Ann Michele
 (74) Madderns Pty Ltd

(71) Zillow, Inc.
 (11) AU-A-2021282989
 (21) 2021282989 (22) 17.05.2021
 (54) Automated generation on mobile devices of panorama images for building locations and subsequent use
 (51) Int. Cl.
 G06F 30/13 (2020.01)
 G06T 3/40 (2006.01)
 G06T 7/55 (2017.01)
 H04N 5/232 (2006.01)
 (87) WO2021/247223
 (31) 63/035,619 (32) 05.06.20 (33) US
 17/243,146 28.04.21 US
 (43) 09.12.2021
 (72) CIER, Sean P.; KANG, Sing Bing;
 DAWSON, Mitchell David
 (74) Davies Collison Cave Pty Ltd

(71) Z Optics, Inc.
 (11) AU-A-2020290438
 (21) 2020290438 (22) 10.06.2020
 (54) High definition and extended depth of field intraocular lens
 (51) Int. Cl.
 A61F 2/16 (2006.01)
 (87) WO2020/252034
 (31) 62/988,802 (32) 12.03.20 (33) US
 62/861,120 13.06.19 US
 62/986,115 06.03.20 US
 (43) 17.12.2020
 (72) SARVER, Edwin J.; SIMMS, James J.
 (74) Davies Collison Cave Pty Ltd

(71) Zymeworks Inc.
 (11) AU-A-2019448168
 (21) 2019448168 (22) 31.05.2019
 (54) Methods of using a bispecific anti-gen-binding construct targeting HER2 for the treatment of biliary tract cancers
 (51) Int. Cl.
 A61K 39/395 (2006.01)
 A61K 45/06 (2006.01)
 (87) WO2020/242503
 (43) 03.12.2020
 (72) HAUSMAN, Diana F.; JOSEPHSON, Neil C.; LAI, Rose Kamyee; ROWSE, Gerald James; KAMINKER, Patrick
 (74) FB Rice Pty Ltd

Numerical Index

2019240771	TipeME Holdings Pty Ltd	2020280914	T.J.Smith and Nephew,Limited
2019287362	Japham Group Limited	2020281282	Gupta, S.
2019446587	Iowa Pacific Processors, Inc.	2020281297	IP2IPO Innovations Limited
2019446735	Unist(Ulsan National Institute of Science and Technology)	2020281535	Pfizer Inc.; Merck Patent GmbH
2019447197	Medisca Pharmaceutique Inc.	2020281641	Novaliq GmbH
2019448133	Rosneft Oil Company; BP Exploration Operating Company Limited	2020281715	Evonik Operations GmbH
2019448168	Zymeworks Inc.	2020281863	Assistance Publique - Hopitaux de Paris; Universite Paris-Saclay
2019448608	Commonwealth Scientific and Industrial Research Organisation; The Florey Institute of Neuroscience and Mental Health	2020282027	Dihesys Digital Health Systems GmbH
2019449046	Hanshow Technology Co., Ltd.	2020282051	Nanjing Ruiying Runze Biopharmaceutical Technology Co., Inc.
2019449734	Efremkin, P.	2020282388	Alyra Biotech Pty Ltd
2019450349	CHO Plus Inc.	2020282395	The Royal Institution for the Advancement of Learning / McGill University
2019450376	Lin, M.	2020282470	Jiangsu Hengrui Medicine Co., Ltd.
2019451089	UK Optical Plastics Limited	2020282612	PlanBlue GmbH
2019451224	W. L. Gore & Associates, Inc.	2020282634	Tracto-Lock
2019451511	Jilin Asymchem Laboratories Co., Ltd.	2020282704	XGenomes Corp.
2019451533	Chevron U.S.A. Inc.; Triad National Security, LLC	2020282719	Liminal Sciences, Inc.
2019451652	Instytut Biologii Doswiadczalnej im. Marcelego Nenckiego Polska Akademia Nauk; Uniwersytet Warszawski	2020282828	Aligos Therapeutics, Inc.
2019451945	Huawei Technologies Co., Ltd.	2020282841	Landis+Gyr Innovations, Inc.
2019451948	Huawei Technologies Co., Ltd.	2020282922	Samsung Electronics Co., Ltd.
2019452411	Compañia Electro Metalúrgica S.A.	2020282956	REGENERON PHARMACEUTICALS, INC.
2019452691	Brentwood Industries, Inc.	2020283031	Landis+Gyr Innovations, Inc.
2019453381	Saab AB (publ)	2020283034	Landis+Gyr Innovations, Inc.
2019453945	Longi Solar Technology (Taizhou) Co., Ltd.	2020283049	Gobi Technologies Inc.
2019455635	Nippon Telegraph and Telephone Corporation	2020283059	Shinnick, P.
2019456245	JGC Corporation	2020283128	RNAissance Ag L.L.C
2019457405	Smith & Nephew Inc.; Smith & Nephew Asia Pacific Pte. Limited; Smith & Nephew Orthopaedics AG	2020283130	Purisys LLC
2019457513	Mitsubishi Electric Corporation	2020283188	Osaka University
2019457803	Mitsubishi Electric Corporation	2020283485	Pure Scientific Technologies, Inc.
2019458604	Nakanishi Industry Co.,Ltd.	2020283486	Blue Ocean Group, LLC; Baek, S.; Baek, C.; March, A.
2019459233	Qurient Co., Ltd.	2020283500	Immatics US, Inc.
2019461393	Guangzhou Shiyuan Electronics Co., Ltd.; Guangzhou Shizhen Information Technology Co., Ltd.	2020283907	Paige.AI, Inc.
2019461917	Ceramic Data Solution GmbH	2020283913	Nelum Corporation
2019473493	Techtronic Cordless GP	2020284005	Upside Foods, Inc.
2019473790	Techtronic Cordless GP	2020284018	Les Laboratoires Servier
2020274322	Canopus Networks Pty Ltd	2020284022	President and Fellows of Harvard College
2020275019	Synchron Australia Pty Limited	2020284119	Neutron Holdings, Inc.; Titus, A.
2020276284	Khoros, LLC; Davis, S.J.; Woods, J.M.; Poncher, A.L.	2020284132	Landis+Gyr Innovations, Inc.
2020276902	UCL Business LTD	2020284137	ESCO Group LLC
2020277375	The Board of Trustees of the Leland Stanford Junior University	2020284174	ABB Schweiz AG; Hitachi Energy Switzerland AG
2020277470	The Board of Trustees of the Leland Stanford Junior University	2020284180	SolAround Ltd.; Kreinin, L.; Eisenberg, Y.; Eisenberg, N.
2020277486	UTI Limited Partnership	2020284469	PlanBlue GmbH
2020277490	Brigham Young University	2020284599	Bala Industries and Entertainment Private Limited
2020277759	Synergetics Pty Ltd	2020284723	MedImmune, LLC; Dana-Farber Cancer Institute, Inc.
2020277896	PhosEnergy Ltd	2020284736	Elgan Pharma Ltd
2020278046	Spacecraft Seven, LLC	2020284771	Xiamen University; Xiamen Innovax Biotech Co., Ltd.
2020278128	SICPA HOLDING SA	2020285291	Guangzhou Virotech Pharmaceutical Co., Ltd.
2020278227	Do, M.	2020285332	Chr. Hansen A/S
2020278703	Pendulum Therapeutics, Inc.	2020285476	Prana Enterprise Pty Ltd
2020278769	Computed Futures, LCC	2020285477	Lateral IP Pty Ltd
2020278941	Dizer AB	2020285563	Civ-Con Products & Solutions, LLC
2020279256	Wright, A.	2020285681	Daiichi Sankyo Company, Limited
2020279749	Carnegie Mellon University	2020286152	Wageningen Universiteit
2020279750	NeoVasc Tiara Inc.	2020286372	Fort Wayne Metals Research Products Corp
2020279980	Martz, A.; Martz, M.	2020286462	Arrowhead Pharmaceuticals, Inc.
2020280296	Control Solutions, Inc.	2020286466	Immatics US, Inc.; Immatics Biotechnologies GmbH
2020280539	Xiamen University; Yang Sheng Tang Company, Ltd.	2020286493	SiVEC Biotechnologies, LLC
2020280543	Xiamen University; Yang Sheng Tang Company, Ltd.	2020286574	Blue Solutions
2020280699	TYK Medicines, Inc.	2020286756	Immatics Biotechnologies GmbH; Immatics US, Inc.
		2020286932	Fresenius Medical Care Deutschland GmbH
		2020287175	Intergraph Corporation
		2020287248	ADC Therapeutics SA; MedImmune Limited
		2020287549	Nippon Chemiphar Co., Ltd.
		2020287647	Bluebeam, Inc.
		2020287661	Kyte Dynamics, Inc.
		2020287869	Third Eye Design, Inc.

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

2020287873	Lockheed Martin Corporation	2020293614	Kalvista Pharmaceuticals Limited
2020287953	Suntory Holdings Limited	2020293616	Kalvista Pharmaceuticals Limited
2020288046	LG Electronics Inc.	2020293635	Debiopharm International S.A.
2020288110	Carl Zeiss Meditec Cataract Technology Inc.	2020293734	Prestige Biopharma Pte. Ltd.
2020288188	The Curators of the University of Missouri; Neogi, U.; Anders, S.	2020294144	Quantum-Si Incorporated
2020288277	Wan, X.	2020294428	Easymining Sweden AB
2020288345	Gravibag	2020294509	WestRock Packaging Systems, LLC
2020288378	Animal Dynamics Limited	2020294521	Centurylink Intellectual Property LLC
2020288499	Chugai Seiyaku Kabushiki Kaisha; Yamaguchi University	2020294626	Casa Systems, Inc.
2020288610	Arcus Biosciences, Inc.	2020294635	ESCO Group LLC
2020288638	Infinera Corporation	2020294736	Huawei Technologies Co., Ltd.
2020288888	President and Fellows of Harvard College; The Children's Medical Center Corporation	2020294754	Scandinavian Trap & Skeet ApS
2020289124	LG Electronics Inc.	2020294757	Electrolux Appliances Aktiebolag
2020289139	Algramo (UK) Limited	2020294780	The Population Council, Inc.
2020289208	Power Box AG	2020294813	Transatlanticsaleseuropa GmbH
2020289216	Probi AB	2020294848	Schneider Electric Industries SAS
2020289301	Biotheus Inc.	2020294884	Fundació Eurecat; Universitat Politècnica de Catalunya
2020289303	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2020295015	Rheavendors Services S.p.A.
2020289326	Thomas Jefferson University	2020295039	Tama Group
2020289516	Petroleum Technology Company AS	2020295066	Totium Pty Ltd
2020289772	Babu, K.R.	2020295083	Yazaki Energy System Corporation
2020289961	ADC Therapeutics SA; MedImmune Limited	2020295099	Sumitomo Heavy Industries, Ltd.
2020290027	Dinnteco Factory Gasteiz, S.L.	2020295290	Gamble, M.
2020290043	Oxford University Innovation Limited	2020295404	Milwaukee Electric Tool Corporation
2020290075	GYROGEAR LIMITED	2020295503	Esperion Therapeutics, Inc.
2020290135	Syddansk Universitet; Aarhus Universitet	2020295684	InterDigital VC Holdings France, SAS
2020290306	LG Electronics Inc.	2020295709	Givaudan SA
2020290333	BAE Systems Hägglunds Aktiebolag	2020296002	ServiceNow, Inc.
2020290421	Renew Health Ltd	2020296004	Board of Regents, The University of Texas System
2020290438	Z Optics, Inc.	2020296087	G1 Therapeutics, Inc.
2020290508	Celgene Corporation	2020296094	Esperion Therapeutics, Inc.
2020290515	Novome Biotechnologies, Inc.	2020296104	QurAlis Corporation
2020290622	Shandong Computer Science Center (National Super-computing Center in Jinan)	2020296124	Single Cell Technology, Inc.
2020290629	V. Guldmann A/S	2020296183	T2 Biosystems, Inc.
2020290664	Liebherr Mining Equipment Newport News Co.	2020296206	ELC Management LLC
2020290790	Universitat Pompeu Fabra	2020296286	GH Research Ireland Limited
2020290902	MSA Technology, LLC	2020296296	Chr. Hansen A/S
2020290955	SWM Luxembourg	2020296340	Exhalation Technology Limited
2020291014	Bolt Biotherapeutics, Inc.	2020296357	McMillan, J.
2020291116	intoPIX SA	2020296809	Schlumberger Technology B.V.
2020291146	Koninklijke Douwe Egberts B.V.	2020296837	Locus IP Company, LLC
2020291197	Edinburgh Molecular Imaging Limited	2020296851	Savant Systems, Inc.
2020291407	United States Government as represented by the Department of Veterans Affairs	2020296894	Expro North Sea Limited
2020291513	Landis+Gyr Innovations, Inc.	2020296895	Novartis AG
2020291518	MSA Technology, LLC	2020296966	Banks and Acquirers International Holding
2020291520	Spinal Singularity, Inc.	2020297015	Rheavendors Services S.p.A.
2020291613	C3 Biotechnologies Limited	2020297021	Saipem S.p.A.
2020291636	CellularREvolution	2020297040	Corob S.p.A.; PPG Industries Ohio, Inc.
2020291792	Cardior Pharmaceuticals GmbH	2020297175	Giken Ltd.
2020291942	Cugene, Inc.	2020297181	Umwelt (Australia) Pty Limited
2020292104	Perfo Tec B.V.	2020297184	QBiotech Pty Ltd
2020292204	Capital Intellect, Inc.	2020297191	10644137 Canada Inc.
2020292246	Regeneron Pharmaceuticals, Inc.	2020297260	Huawei Technologies Co., Ltd.
2020292266	Respira Therapeutics, Inc.	2020297349	WestRock Packaging Systems, LLC
2020292279	University of Iowa Research Foundation	2020297422	Deciphera Pharmaceuticals, LLC
2020292363	Fitness Anywhere LLC	2020297447	Reynolds Presto Products Inc.
2020292421	Cugene, Inc.	2020297467	Nanjing Chervon Industry Co., Ltd.
2020292572	thyssenkrupp Industrial Solutions AG; thyssenkrupp AG	2020297509	Quantum-Si Incorporated
2020292662	Yuen, M.A.M.	2020297614	The Rockefeller University
2020292703	Sun Pharma Advanced Research Company Ltd.	2020297624	ELC Management LLC
2020292965	ADC Therapeutics SA; MedImmune Limited	2020297664	The University of Melbourne
2020293224	GumGum, Inc.	2020297666	Petróleo Brasileiro S.A. - Petrobras
2020293226	Praxis Biotech LLC	2020297785	Chen, C.
2020293230	Juno Therapeutics, Inc.	2020297963	Caterpillar Inc.
2020293300	Nexii Building Solutions Inc.	2020298038	Resolve Biosciences GmbH
2020293476	Hydroprocess	2020298111	Universitat de València; Universitat Jaume I
		2020298122	Photonis France
		2020298124	Technip N-Power
		2020298217	Locus IP Company, LLC
		2020298246	Terns Pharmaceuticals Inc.
		2020298287	JDM Scientific Research Organisation Private Limited; Sumisho Agro India Pvt. Ltd.

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

2020298324	Single Cell Technology, Inc.	2020301813	The University of Melbourne; Olivia Newton-John Cancer Research Institute; CSL Innovation Pty Ltd
2020298326	Children's National Medical Center; Universitat des Saarlandes; The George Washington University	2020302092	CHDI Foundation, Inc.
2020298330	University of Kentucky Research Foundation; Memorial Sloan-Kettering Cancer Center; St. Jude Children's Research Hospital, Inc.	2020302099	Quantum-Si Incorporated
2020298331	Prism Holograms LLC	2020302338	GlaxoSmithKline Intellectual Property Development Limited
2020298446	Becton, Dickinson and Company	2020302438	Sumitomo Heavy Industries, Ltd.
2020298454	Memorial Sloan Kettering Cancer Center	2020302737	Quantum-Si Incorporated
2020298490	Alarm.com Incorporated	2020302773	Youmail, Inc.
2020298542	ServiceNow, Inc.	2020302789	Manus Bio, Inc.
2020298556	ConocoPhillips Company	2020302837	The Bionics Institute of Australia
2020298744	Bayer Aktiengesellschaft	2020302871	Vapotherm, Inc.
2020298786	Roquette Freres	2020302913	Selsted, M.; Tran, D.; Schaal, J.
2020299129	Raytheon Company	2020302919	Perceptive Sensor Technologies LLC
2020299142	Newworld.Energy LLC	2020302963	CannPal Animal Therapeutics Limited
2020299145	Cloudbreak Therapeutics LLC	2020302974	Eavor Technologies Inc.
2020299168	Vanda Pharmaceuticals Inc.	2020303249	Foundry Innovation & Research 1, Ltd.
2020299245	The Smart Container Company Limited	2020303258	Grimme Landmaschinenfabrik Gmbh & Co. KG
2020299384	ServiceNow, Inc.	2020303276	Chromafora AB
2020299385	Netflix, Inc.	2020303348	Rheinmetall BAE Systems Land Limited
2020299514	Colgate-Palmolive Company	2020303350	Process Limited
2020299531	Qualcomm Incorporated	2020303367	Aquarius Engines Central Europe Sp. z o.o.
2020299541	Kytopen Corporation	2020303404	Coromandel International Ltd.
2020299586	Meso Scale Technologies, LLC.	2020303417	DUSA Pharmaceuticals, Inc.
2020299589	Natural Fiber Welding, Inc.	2020303447	Biorchestra Co., Ltd.
2020299598	DeepIntent, Inc.	2020303566	Diebold Nixdorf Incorporated
2020299608	ServiceNow, Inc.	2020303591	ELC Management LLC
2020299620	LGAB LLC	2020303702	Gastroklenz Inc.
2020299634	ServiceNow, Inc.	2020303720	Moxietec, LLC
2020299637	Fortescue Metals Group Ltd	2020303722	MAKO Surgical Corp.
2020299659	Wigen Biomedicine Technology (Shanghai) Co., Ltd.	2020303855	Orica International Pte Ltd
2020299702	Syngenta Crop Protection AG	2020303871	Emulate, Inc.
2020299826	Essilor International	2020303888	W.L. Gore & Associates, Inc.
2020299892	BeiGene, Ltd.	2020303968	The Board of Regents of the University of Texas System
2020299973	Dolby International AB	2020304001	Naurex Inc.
2020299974	Advanced Accelerator Applications (Italy) Srl; The Johns Hopkins University	2020304057	Seattle Children's Hospital (dba Seattle Children's Research Institute); Benaroya Research Institute at Virginia Mason
2020300343	Newtech AS	2020304108	Innovent Biologics (Suzhou) Co., Ltd.
2020300352	Dipity Pty Ltd	2020304112	Innovent Biologics (Suzhou) Co., Ltd.
2020300400	Merck Sharp & Dohme Corp.	2020304368	Colgate-Palmolive Company
2020300453	Gauss Surgical, Inc.	2020304373	Colgate-Palmolive Company
2020300506	University of Pittsburgh - of the Commonwealth System of Higher Education	2020304463	Ke.Com (Beijing) Technology Co., Ltd.
2020300544	Astute Medical, Inc	2020304584	Kontopoulos, L.; Kontopoulos, K.; Kontopoulos, K.
2020300598	Avail Medsystems, Inc.	2020304624	Ball Corporation
2020300618	Surrozen Operating, Inc.	2020304640	Lunella Biotech, Inc.
2020300619	Sumitomo Dainippon Pharma Oncology, Inc.	2020304642	Living Proof, Inc.
2020300676	Wagner Group GmbH	2020304796	Université de Nantes; Chu de Nantes - Centre Hospitalier Universitaire de Nantes - Spiral
2020300688	Wavegate Corporation	2020304907	Neurent Medical Limited
2020300690	Nomad Atomics Pty Ltd	2020304946	Nippon Steel Corporation
2020300692	Australian Advanced Materials Pty Ltd	2020305070	The University of Tokyo
2020300695	Shoichet, M.	2020305308	L'Air Liquide Societe Anonyme Pour L'Etude et L'Exploitation des Procédes Georges Claude
2020300781	John Cockerill S.A.	2020305381	Raytheon Company
2020300805	BioNTech SE	2020305724	Seaman Paper Company of Massachusetts, Inc.
2020300821	Ferton Holding S.A.	2020306067	Ono Pharmaceutical Co., Ltd.
2020301041	Wavegate Corporation	2020306387	Urteste S.A.
2020301057	SiNOPSEE Therapeutics	2020306623	Enapter S.R.L.
2020301058	Orica International Pte Ltd	2020306696	Danisco US Inc
2020301121	Qualcomm Incorporated	2020306790	Danisco US Inc
2020301126	Danisco US Inc	2020306840	Rheinmetall Electronics GmbH
2020301155	Auburn University; Bayer Cropscience LP	2020306874	Orbix Productions
2020301324	Serina Therapeutics, Inc.	2020307052	Elpro GmbH
2020301331	Colgate-Palmolive Company	2020307219	Roquette Freres
2020301374	Huawei Technologies Co., Ltd.	2020307293	SiNOPSEE Therapeutics
2020301401	PF Consumer Healthcare 1 LLC	2020307303	Bioimmunate Technologies Ltd.
2020301443	Shenzhen Lingfang Biotech Co., Ltd	2020307380	Danisco US Inc
2020301546	Medartis Holding AG	2020307394	Veolia Water Solutions & Technologies Support
2020301586	Smartseal AS	2020307419	Micro-Tech (Nanjing) Co., Ltd.
2020301710	Benham, Z.	2020307463	Shekel Scales (2008) Ltd
2020301724	Crail Brae Pty Ltd		

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2020307471	Novartis AG	2020312806	Flooring Industries Limited, SARL
2020307532	Codagenix Inc.	2020313176	Rheem Australia Pty Limited
2020307560	Microbiotix, Inc.	2020313178	Peck Tech Consulting Ltd.
2020307664	Brien Holden Vision Institute Limited	2020313369	Syngenta Crop Protection AG
2020307686	Hadasit Medical Research Services and Development Ltd.	2020313383	Nexans
2020307688	Hadasit Medical Research Services and Development Ltd.	2020313395	De La Rue International Limited
2020307978	De Nora Water Technologies, LLC	2020313422	Novartis AG
2020308066	University of Johannesburg	2020313436	Covi, E.
2020308087	National Research Council of Canada	2020313973	Tusker Medical, Inc.
2020308091	FLSmidth A/S	2020313978	The Regents of the University of California
2020308163	GC Corporation	2020314308	Frico AS
2020308353	Guangdong NewOpp Biopharmaceuticals Co., Ltd.	2020314555	Bostik, Inc.; Bostik, S.A.
2020308378	Immune-Path Biotechnology (Suzhou) Co., Ltd.	2020314561	Bard Access Systems, Inc.
2020308382	Huawei Technologies Co., Ltd.	2020314576	De' Longhi Appliances S.r.l.
2020308426	Qualcomm Incorporated	2020314669	Syngenta Crop Protection AG
2020308632	Hygentile AG	2020314686	Giesecke+Devrient Currency Technology GmbH; SICPA Holding SA
2020308851	Kansas State University Research Foundation	2020314766	Subsea 7 Limited
2020308897	Holobiome, Inc.	2020314785	De La Rue International Limited
2020308909	University of Florida Research Foundation, Incorporated	2020314880	SABIC Global Technologies B.V.
2020308920	ST Engineering Electronics Ltd.	2020314910	Wigen Biomedicine Technology (Shanghai) Co., Ltd.
2020308957	Australian Nuclear Science and Technology Organisation	2020315142	Syngenta Crop Protection AG
2020309064	Eli Lilly and Company	2020315159	Syngenta Crop Protection AG
2020309105	CryoStasis Ltd.	2020315362	Avery Dennison Retail Information Services, LLC
2020309161	3B Pharmaceuticals GmbH	2020315443	Graphic Packaging International, LLC
2020309210	Babraham Institute	2020315634	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited
2020309237	I.L.V.E. S.p.A. - Industria Lavorazione Veneta Elettrodomestici S.p.A.	2020316642	Intervet International B.V.
2020309312	Intellexon GmbH	2020316740	Novartis AG
2020309476	ExxonMobil Research and Engineering Company	2020316932	Metalogenia Research & Technologies S.L.
2020309504	Becton, Dickinson and Company	2020316943	Rhodia Operations
2020309505	Purdue Research Foundation	2020317011	University of Rochester
2020309729	4D Pharma Research Limited	2020317077	Baylis Medical Company Inc.
2020309790	Novastep	2020317085	Novartis AG
2020309816	Mankind Pharma Ltd.	2020317637	Sodapop Austria GmbH
2020309879	Hitachi, Ltd.	2020318023	Foundry Lab Limited
2020309996	LG Electronics Inc.	2020318359	L'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude
2020310058	Northrop Grumman Systems Corporation	2020318577	ResMed Pty Ltd
2020310129	Cook Medical Technologies LLC	2020318641	LG Electronics Inc.
2020310196	Regeneron Pharmaceuticals, Inc.	2020318693	Saint-Gobain Isover
2020310201	Locanabio, Inc.	2020318697	Boehringer Ingelheim International GmbH
2020310315	Pero Solutions ApS	2020319036	Weir Group IP Limited
2020310487	Klare, S.	2020319052	Novartis AG
2020310527	InnoSpina Sàrl	2020319160	Curadev Pharma Pvt. Ltd.
2020310538	3B Pharmaceuticals GmbH	2020320003	Syngenta Crop Protection AG
2020310561	Euro Trade Flooring, S.L.	2020320187	NantKwest, Inc.
2020310589	Access2Bone Ip BV	2020320437	Premier Biotech, Inc.
2020310853	Tambo, Inc.	2020320858	Suntory Holdings Limited
2020310859	Rezolute, Inc.; Activesite Pharmaceuticals, Inc.	2020321421	Sleep Number Corporation
2020310876	Becton, Dickinson and Company	2020322413	Minelab Electronics Pty. Limited
2020310932	DEKA Products Limited Partnership	2020322628	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.
2020311027	Reckitt Benckiser Vanish B.V.	2020322645	Société des Produits Nestlé S.A.
2020311062	National Research Council Of Canada [CA/CA]	2020323402	Eisai R&D Management Co., Ltd.; Ono Pharmaceutical Co., Ltd.
2020311279	Northrop Grumman Systems Corporation	2020324268	Linde GmbH
2020311316	Arevo, Inc.	2020324570	SuperSonic Imagine; Centre National de la Recherche Scientifique - CNRS -; Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris
2020311357	Tanvex BioPharma USA, Inc.; Hopp, J.	2020325292	Netflix, Inc.
2020311378	Arrinex, Inc.	2020326293	Glaze Coatings Limited
2020311844	Qualcomm Incorporated	2020326302	MAS Innovation (Private) Limited
2020311850	PepsiCo, Inc.	2020327602	Valneva SE
2020311851	Qualcomm Incorporated	2020328159	Valneva SE
2020311873	Sapience Therapeutics, Inc.	2020328244	Alcon Inc.
2020311879	Rezolute, Inc.; Activesite Pharmaceuticals, Inc.	2020328265	Alcon Inc.
2020311894	Intra-Cellular Therapies, Inc.	2020328283	Covi, E.
2020311900	Firststring Research, Inc.	2020328737	SUNSHINE LAKE PHARMA CO., LTD.
2020311902	California Institute of Technology; The Rockefeller University	2020329777	Audio Visual Preservation Solutions, Inc.
2020312185	MEIKO Maschinenbau GmbH & Co. KG	2020330316	Linde GmbH
2020312629	GATT Technologies B.V.	2020330497	Alcon Inc.
2020312687	Intervet International B.V.		

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

2020330582	Implus Footcare, LLC
2020331907	L&R USA INC.
2020332878	GammaDelta Therapeutics Limited
2020333386	Munters Europe Aktiebolag
2020333406	GammaDelta Therapeutics Limited
2020334714	AROG Pharmaceuticals, Inc.
2020337073	Alcon Inc.
2020338309	Nitto Kohki Co., Ltd.
2020338971	Novartis AG
2020340398	Stryker Corporation
2020344959	Eurofins Cerep
2020345336	Stella Pharma Corporation
2020346645	CJ Cheiljedang Corporation
2020346812	Cloudbreak Therapeutics, LLC
2020348861	Molecular Templates, Inc.
2020356063	CJ Cheiljedang Corporation
2020356064	CJ Cheiljedang Corporation
2020364511	KL Building Resources Sdn. Bhd.
2020367535	Terex Australia Pty Ltd
2020368983	Charles University; Weta Digital Limited
2020372600	Dongguan Poweramp Technology Limited
2020376535	Nitto Boseki Co., Ltd.
2020385538	Harwich Haven Authority
2020398170	PORTL, Inc.
2020399502	MAS Innovation (Private) Limited
2020404339	Jiangsu Academy of Agricultural Sciences
2020405154	Illumina, Inc.
2020407458	Abodo Wood Limited
2020435105	Citrix Systems, Inc.
2020435926	Equinix, Inc.
2020437137	Equinix, Inc.
2020438755	Shenzhen Institutes of Advanced Technology
2020449437	Shandong University
2020451350	Sekisui House, Ltd.
2021227206	Illumina, Inc.; Illumina Cambridge Limited
2021248785	Fabheads Automation Private Limited
2021264761	Ningbo Kasico Shock Absorber Manufacture Co., Ltd.
2021266359	Beijing Smartchip Microelectronics Technology Company Limited; State Grid Information & Telecommunication Group Co., Ltd.
2021282989	Zillow, Inc.

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<u>A01B 35 /-</u>	<u>A01N 47 /-</u>	<u>A23K 10 /-</u>	<u>A45D 34 /-</u>	<u>A61B 18 /-</u>	<u>A61F 2 /-</u>
2020301724	2020299702	2020298786 2020301126	2020296206 2020297624 2020303591	2019449734 2020292662 2020304946 2020311378 2020317077	2020275019 2020283059 2020286372 2020290438
<u>A01B 39 /-</u>	<u>A01N 53 /-</u>	<u>A23K 20 /-</u>	<u>A45D 40 /-</u>	<u>A61B 3 /-</u>	<u>A61F 4 /-</u>
2020301724	2020298744	2020298786	2020296206	2020328265 2020330497	2020275019
<u>A01B 49 /-</u>	<u>A01N 63 /-</u>	<u>A23L 11 /-</u>	<u>A45D 44 /-</u>	<u>A61B 34 /-</u>	<u>A61F 6 /-</u>
2020301724	2020285332 2020301155	2020307219	2019447197	2019457405 2020303722 2020315634	2020294780
<u>A01B 63 /-</u>	<u>A01N 65 /-</u>	<u>A23L 13 /-</u>	<u>A45D 97 /-</u>	<u>A61B 5 /-</u>	<u>A61F 9 /-</u>
2020301724	2020303404	2020284005 2020286152	2019447197	2020275019 2020280914 2020281715 2020282719 2020290075 2020291520 2020296340 2020298446 2020300352 2020300453 2020303249 2020303702 2020304946 2020317077 2020321421	2020288110 2020337073
<u>A01C 1 /-</u>	<u>A01P 1 /-</u>	<u>A23L 27 /-</u>	<u>A45F 3 /-</u>	<u>A61H 23 /-</u>	
2020316943	2020298744	2020295709	2020288345	2020297785	
<u>A01C 7 /-</u>	<u>A01P 13 /-</u>	<u>A23L 3 /-</u>	<u>A47C 27 /-</u>	<u>A61H 3 /-</u>	
2020301724	2020299702 2020314669	2019446587	2020321421	2020290629	
<u>A01D 13 /-</u>	<u>A01P 21 /-</u>	<u>A23L 33 /-</u>	<u>A47C 31 /-</u>	<u>A61H 9 /-</u>	
2020303258	2020301155	2020278703 2020286152 2020295290 2020295709 2020298786 2020307219 2020308897 2020309729	2020321421	2020331907	
<u>A01D 33 /-</u>	<u>A01P 3 /-</u>	<u>A23L 5 /-</u>	<u>A47G 19 /-</u>	<u>A61J 1 /-</u>	
2020303258	2020316943	2020404339	2019450376	2020283049 2020345336	
<u>A01D 34 /-</u>	<u>A23B 4 /-</u>	<u>A23L 7 /-</u>	<u>A47J 31 /-</u>	<u>A61J 3 /-</u>	
2020297467	2019446587	2020298786	2020291146 2020295015 2020297015 2020314576	2020283049	
<u>A01G 18 /-</u>	<u>A23C 19 /-</u>	<u>A23L 9 /-</u>	<u>A47L 9 /-</u>	<u>A61J 103 /-</u>	
2020303888	2020296296	2020298786	2020288046 2020289124 2020318641	2020299974	
<u>A01G 33 /-</u>	<u>A23C 9 /-</u>	<u>A41B 9 /-</u>	<u>A61B 1 /-</u>	<u>A61K 31 /-</u>	
2020303888	2020295290 2020296296	2020326302	2020310129 2020313973 2020314561	2019448608 2019451652 2019459233 2020276902 2020277375 2020280543 2020281641 2020281863 2020282051 2020282388 2020282470 2020282828 2020283188 2020283913 2020284018 2020284736 2020286462 2020287549 2020288610 2020289326 2020289961 2020291014 2020291792 2020292279 2020292703	
<u>A01N 1 /-</u>	<u>A23D 7 /-</u>	<u>A41C 3 /-</u>	<u>A61B 10 /-</u>	<u>A61C 15 /-</u>	
2020309105 2020311900	2020286152	2020399502	2020292662	2019451224	
<u>A01N 25 /-</u>	<u>A23D 9 /-</u>	<u>A41D 1 /-</u>	<u>A61B 17 /-</u>	<u>A61C 7 /-</u>	
2020299702 2020316943	2020286152	2020399502	2019449734 2019457405 2020292662 2020301546 2020307419 2020309790 2020310129 2020310527 2020315634 2020337073	2020279980	
<u>A01N 37 /-</u>	<u>A23F 3 /-</u>	<u>A42B 3 /-</u>	<u>A45C 13 /-</u>	<u>A61F 13 /-</u>	
2020299702	2020281863	2020287869	2020288345	2020308163 2020314555 2020326302 2020331907 2020399502	
<u>A01N 43 /-</u>	<u>A23F 5 /-</u>	<u>A45D 1 /-</u>	<u>A45D 2 /-</u>		
2020298287 2020298744 2020299702 2020303404 2020313369 2020314669 2020315142 2020315159 2020320003	2020320858	2019287362	2019287362		
	<u>A23J 1 /-</u>				
	2020295290 2020298786 2020307219				
	<u>A23J 3 /-</u>				
	2020307219				

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2020292965	2020298454	2020323402	2020304368		2020338971
2020293614	2020304057	2020327602	2020304373	A61M 25 /-	A61P 13 /-
2020293616	2020307686	2020328159	2020304642		
2020293635	2020308897	2020328737		2019449734	
2020294780	2020309505	2020348861	A61K 9 /-	2020279750	2020289303
2020296087	2020309729			2020291520	2020306387
2020296104	2020320187	A61K 41 /-	2020278703	2020309504	
2020296286	2020332878		2020281641	2020314561	A61P 15 /-
2020297184	2020333406	2020290508	2020281863	2020317077	
2020297422			2020282027		2020294780
2020298246	A61K 36 /-	A61K 45 /-	2020282470	A61M 29 /-	2020306387
2020298330			2020287549		
2020299168	2020281863	2019448168	2020289326	2020317077	A61P 17 /-
2020299659	2020295709	2020277490	2020292266		
2020299892	2020298786	2020283188	2020294780	A61M 31 /-	2020282051
2020300400	2020302963	2020283913	2020297664		2020289303
2020300619	2020303404	2020289961	2020299145	2020279750	2020302963
2020300695	2020308897	2020292965	2020300695	A61M 39 /-	2020303417
2020301057		2020293635	2020300805		2020306387
2020301324	A61K 38 /-	2020301401	2020301401	2020279750	
2020301443		2020304796	2020309729	2020314561	A61P 19 /-
2020302092	2019448608	2020306387	2020310196		2020282470
2020302338	2020281641	2020309505	2020313422	A61M 5 /-	2020287549
2020302963	2020284736	2020311894	2020316642		2020289303
2020303417	2020285477	2020323402	2020323402	2020279750	2020292266
2020303447	2020288188	2020334714	2020327602	2020298446	2020306387
2020304001	2020289961		2020345336	2020310876	
2020304640	2020291407	A61K 47 /-			A61P 21 /-
2020306387	2020291942		A61L 15 /-	A61N 1 /-	
2020307293	2020292421	2019448608			2020306387
2020307560	2020293635	2020277470	2020312629	2020283059	
2020307686	2020297664	2020281641		2020300506	A61P 25 /-
2020308353	2020298454	2020281863	A61L 2 /-	2020300688	
2020308897	2020300618	2020282470		2020301041	2019451652
2020308909	2020302913	2020285681	2020312185	2020302837	2020282388
2020309064	2020307688	2020287248	A61L 24 /-	2020304946	2020283188
2020309816	2020309161	2020287549			2020285477
2020310859	2020309505	2020289961	2020312629	A61N 2 /-	2020289216
2020311879	2020310538	2020292965			2020292703
2020311894	2020320187	2020299145	A61L 27 /-	2020283059	2020296286
2020313422		2020300805			2020298330
2020314910	A61K 39 /-	2020301324		A61N 5 /-	2020299168
2020316740		2020303447	2019448608		2020301324
2020317085	2019448168	2020303968	2020286372	2019449734	2020302092
2020318697	2020280539	2020310853	2020291636	2020290508	2020303447
2020319052	2020280543	2020313978	2020310589	2020302837	2020306387
2020319160	2020281535	2020345336	A61L 31 /-	2020303417	2020308378
2020323402	2020282956				2020308897
2020334714	2020283913	A61K 48 /-	2019448608	A61N 7 /-	2020309729
2020338971	2020284723				2020311894
2020345336	2020284771	2020289326	A61M 1 /-	2020282719	2020319160
2020346812	2020288499	2020296104			
	2020289301	2020303447	2020283059	A61P 1 /-	A61P 27 /-
A61K 33 /-	2020289303	2020310201	2020286932		
	2020290515		2020288110	2020286462	2020281641
2020297664	2020292246	A61K 49 /-	2020300453	2020289216	2020284736
2020299168	2020293230		2020303702	2020289303	2020289303
2020304368	2020293734	2020306623	2020307303	2020292266	2020299145
	2020296004	A61K 51 /-		2020298454	2020300695
A61K 35 /-	2020296087		A61M 11 /-	2020306387	2020301057
	2020296124	2020291197		2020316740	2020307293
2020278703	2020298324	2020299974	2020283486	2020317085	
2020281535	2020298326			2020319052	A61P 29 /-
2020285291	2020298454	A61K 6 /-	A61M 15 /-	2020319160	
2020286466	2020300805				2020282388
2020286493	2020304108	2020300821	2020283485	A61P 11 /-	2020283188
2020286756	2020304112		2020283486		2020289216
2020288499	2020307532	A61K 8 /-		2020286462	2020302338
2020288888	2020307688		2020277490	2020289303	2020302963
2020289216	2020308378	2020292965	2020298786	2020292266	2020306387
2020289326	2020310196	2020299514	2020299514	2020306387	2020306387
2020296004	2020313978	2020300821	2020318577	2020313422	2020318697
	2020320187			2020318697	

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<u>A61P 3 /-</u>	2020307688	<u>A63B 21 /-</u>	<u>B01D 71 /-</u>	<u>B21D 1 /-</u>	<u>B26D 5 /-</u>
2020282956	2020308353	2020292363	2020303888	2020304624	2020293476
2020289303	2020309729				
2020295503	2020310853	<u>A63B 69 /-</u>	<u>B01F 33 /-</u>	<u>B21D 51 /-</u>	<u>B26F 1 /-</u>
2020296094	2020311873	2020330582	2020297040	2020304624	2020293476
2020300619	2020313978				
2020301443	2020314910	<u>A63B 71 /-</u>	<u>B01J 19 /-</u>	<u>B22F 9 /-</u>	<u>B26F 3 /-</u>
2020309064	2020319160	2020330582	2020299541	2020294884	2020293476
2020309816	2020320187		2020405154		
2020319160	2020323402	<u>A63C 3 /-</u>	<u>B01J 20 /-</u>	<u>B23B 45 /-</u>	<u>B27D 1 /-</u>
	2020332878	2020301710	2020309476	2020338309	2020407458
	2020333406	<u>A63F 9 /-</u>	<u>B01J 23 /-</u>	<u>B23B 47 /-</u>	<u>B27M 3 /-</u>
	2020348861	2020278941	2020298111	2020338309	2020312806
<u>A61P 31 /-</u>		<u>B01D 1 /-</u>	<u>B01J 31 /-</u>	<u>B23B 51 /-</u>	<u>B27N 3 /-</u>
2019459233	<u>A61P 37 /-</u>	2020303350	2020298111	2020295404	2020278227
2020280539	2020282388	<u>B01D 11 /-</u>	2020309476	<u>B23K 11 /-</u>	<u>B28B 21 /-</u>
2020282828	2020284771	2020295709		2020322628	2020297175
2020284771	2020292266	<u>B01D 15 /-</u>	<u>B01L 3 /-</u>	<u>B23K 26 /-</u>	<u>B29B 11 /-</u>
2020293635	2020293616	2020311357	2020303871	2020293476	2020313436
2020297184	2020301813	<u>B01D 19 /-</u>	2020320437		2020376535
2020297664	2020306387		2020405154		
2020298330	2020306387	<u>B01D 21 /-</u>	<u>B02C 17 /-</u>	<u>B23P 15 /-</u>	<u>B29C 33 /-</u>
2020301813		2020303350	2019452411	2019452691	2020318023
2020302913	<u>A61P 43 /-</u>	2020303871	<u>B03B 5 /-</u>	2020283049	<u>B29C 44 /-</u>
2020304796	2020283188	<u>B01D 29 /-</u>	2020308091	<u>B23Q 11 /-</u>	2020303720
2020307532	2020297184	2020297963	2020308091	2020338309	<u>B29C 45 /-</u>
2020308378	2020299168	<u>B01D 3 /-</u>	<u>B03C 1 /-</u>	<u>B23Q 17 /-</u>	2020313436
2020311902	2020304368	<u>B01D 3 /-</u>	2020299637	2020338309	2020318023
2020319160	2020306387	<u>B01D 53 /-</u>	<u>B03D 1 /-</u>	<u>B23Q 9 /-</u>	<u>B29C 48 /-</u>
2020327602	2020313422	2020303350	2020308091	2020338309	2020303720
2020328159		<u>B01D 61 /-</u>	<u>B05B 11 /-</u>	<u>B25B 1 /-</u>	<u>B29C 49 /-</u>
<u>A61P 33 /-</u>	<u>A61P 5 /-</u>	2020283049	2020303591	2020289208	2020313436
2020319160	2020309816	2020303871	<u>B05B 7 /-</u>	<u>B25H 1 /-</u>	<u>B29C 51 /-</u>
	2020311894	<u>B01D 21 /-</u>	2020280296	2020289208	2020299620
<u>A61P 35 /-</u>		2020308091	<u>B05D 3 /-</u>	<u>B25J 11 /-</u>	<u>B29C 63 /-</u>
2020276902	<u>A61P 7 /-</u>	2020308091	2020312806	2020318641	2020299620
2020277486	2020292246	<u>B01D 29 /-</u>	<u>B08B 3 /-</u>	<u>B25J 19 /-</u>	<u>B29C 64 /-</u>
2020282956	2020293614	2020297963	2020297666	2020318641	2020311316
2020283500	2020310859	<u>B01D 3 /-</u>	<u>B08B 5 /-</u>	<u>B25J 9 /-</u>	2021248785
2020283913		<u>B01D 3 /-</u>	2020277759	2020318641	<u>B29C 65 /-</u>
2020284018	<u>A61P 9 /-</u>	<u>B01D 61 /-</u>	2020290421	<u>B26B 13 /-</u>	2020299620
2020284723	2020282956	2020303350	2020290421	2020294813	<u>B29C 70 /-</u>
2020285291	2020288888	2020283049	2020290421		
2020285681	2020288888	2020303871	2020303276		
2020287248	2020289303	2020333386	2020307978		
2020288499	2020291792	<u>B01D 63 /-</u>	<u>B01D 69 /-</u>		
2020289216	2020293616	2020290421	2020303888		
2020289301	2020306387	<u>B01D 65 /-</u>	2020297666		
2020289303	2020319160	2020290421	2020297666		
2020289961		<u>B01D 67 /-</u>	2020277759		
2020291014	<u>A61Q 11 /-</u>	2020290421	2020277759		
2020292965	2020299514	<u>B01D 69 /-</u>	2020277759		
2020293230	2020300821	2020303888	2020277759		
2020293734	2020304368	<u>B01D 69 /-</u>	2020277759		
2020296004	2020304373	2020303888	2020277759		
2020297422		<u>B01D 69 /-</u>	2020277759		
2020298330	<u>A61Q 19 /-</u>	2020303888	2020277759		
2020298659	2020281863	<u>B01D 69 /-</u>	2020277759		
2020299892	2020298786	2020290421	2020277759		
2020299974		<u>B01D 69 /-</u>	2020277759		
2020300619	<u>A61Q 5 /-</u>	2020290421	2020277759		
2020301057	2020304642	<u>B01D 69 /-</u>	2020277759		
2020301813		2020303888	2020277759		
2020303447	<u>A62C 99 /-</u>	2020303888	2020277759		
2020304108	2020304642	<u>B01D 69 /-</u>	2020277759		
2020304112		2020303888	2020277759		
2020306387	<u>A62C 99 /-</u>	2020303888	2020277759		
2020307293	2020300676	<u>B01D 69 /-</u>	2020277759		
2020307471		2020303888	2020277759		
2020307686		2020303888	2020277759		

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<u>B29D 22 /-</u>	<u>B42D 25 /-</u>	<u>B63C 11 /-</u>	<u>B65B 63 /-</u>	<u>B66B 9 /-</u>	<u>C02F 3 /-</u>
2020299620	2020278128	2020282612	2020318693	2020289772	2020307394
<u>B29D 28 /-</u>	2020313395	<u>B63G 8 /-</u>	<u>B65B 7 /-</u>	<u>B66C 1 /-</u>	2020307978
2020295039	2020314686	2020282612	2020308632	2020295039	<u>C03C 25 /-</u>
<u>B29K 101 /-</u>	2020314785	2020299129	<u>B65D 21 /-</u>	<u>B66C 23 /-</u>	2020376535
2020376535	<u>B60K 16 /-</u>	<u>B64C 33 /-</u>	2020279749	2020367535	<u>C03C 3 /-</u>
<u>B29K 105 /-</u>	2020279256	2020288378	<u>B65D 23 /-</u>	<u>B67C 3 /-</u>	2020300821
2020376535	<u>B60K 37 /-</u>	<u>B64C 39 /-</u>	2020313436	2020308632	<u>C03C 4 /-</u>
<u>B29L 9 /-</u>	2020306840	2020287661	2020317637	<u>B67D 1 /-</u>	2020300821
2020376535	<u>B60L 53 /-</u>	<u>B64D 1 /-</u>	<u>B65D 33 /-</u>	2020289139	<u>C04B 28 /-</u>
<u>B32B 21 /-</u>	2020284119	2020287661	2020297447	2020299245	2020306874
2020278227	<u>B60P 1 /-</u>	<u>B64D 3 /-</u>	<u>B65D 41 /-</u>	<u>B67D 7 /-</u>	<u>C04B 35 /-</u>
2020312806	2020367535	2020287661	2019450376	2020289139	2020300692
2020407458	<u>B60P 3 /-</u>	<u>B64D 45 /-</u>	<u>B65D 43 /-</u>	<u>B82Y 10 /-</u>	<u>C05B 11 /-</u>
<u>B32B 25 /-</u>	2020289139	2020290027	2020299620	2020300692	2020294428
2020299589	<u>B60Q 1 /-</u>	<u>B64D 5 /-</u>	<u>B65D 47 /-</u>	<u>B82Y 40 /-</u>	<u>C05B 7 /-</u>
<u>B32B 27 /-</u>	2020287869	2020287661	2020301586	2020300692	2020294428
2020310561	<u>B62B 1 /-</u>	<u>B65B 1 /-</u>	<u>B65D 5 /-</u>	<u>C01B 13 /-</u>	<u>C05B 9 /-</u>
<u>B32B 29 /-</u>	2019473790	2020289139	2020315443	2020298111	2020294428
2020310561	<u>B62B 5 /-</u>	<u>B65B 11 /-</u>	<u>B65D 71 /-</u>	<u>C01B 39 /-</u>	<u>C05C 9 /-</u>
<u>B32B 3 /-</u>	2019473493	2020294509	2020297349	2019458604	2020326293
2020310561	<u>B62D 25 /-</u>	2020306067	<u>B65D 8 /-</u>	<u>C01C 1 /-</u>	<u>C05F 11 /-</u>
<u>B32B 37 /-</u>	2020279256	<u>B65B 17 /-</u>	2020299620	2020303350	2020290135
2020278227	<u>B62D 37 /-</u>	2020294509	2020328283	<u>C01F 1 /-</u>	<u>C05F 7 /-</u>
2020312806	2020290664	<u>B65B 21 /-</u>	<u>B65D 81 /-</u>	2020300692	2020294428
<u>B32B 5 /-</u>	<u>B62D 51 /-</u>	2020294509	2020292104	<u>C01F 11 /-</u>	<u>C05G 3 /-</u>
2020278227	2020290664	<u>B65B 3 /-</u>	2020296206	2020300692	2020290135
2020299589	<u>B62D 55 /-</u>	2020311850	2020308163	<u>C01G 23 /-</u>	2020299702
<u>B32B 7 /-</u>	2020290333	<u>B65B 31 /-</u>	<u>B65D 83 /-</u>	2020300692	2020326293
2020407458	<u>B63B 22 /-</u>	2019446587	2020289139	<u>C01G 49 /-</u>	<u>C05G 5 /-</u>
<u>B32B 9 /-</u>	2020299129	<u>B65B 47 /-</u>	2020313436	2020282395	2020290135
2020310561	<u>B63B 32 /-</u>	2020299620	2020292104	<u>C02F 1 /-</u>	2020326293
<u>B33Y 10 /-</u>	2020310487	<u>B65B 51 /-</u>	2020317637	2020285563	<u>C07B 31 /-</u>
2020311316	<u>B63B 35 /-</u>	2020306067	2020322645	2020290421	2020299702
<u>B33Y 30 /-</u>	2020300343	<u>B65B 55 /-</u>	<u>B65G 15 /-</u>	2020294428	2020326293
2020311316	<u>B63B 39 /-</u>	2019446587	2020292572	2020303276	2020309105
<u>B33Y 40 /-</u>	2020300343	2020308632	<u>B65G 39 /-</u>	2020303350	<u>C07C 1 /-</u>
2020311316	<u>B63B 75 /-</u>	<u>B65B 61 /-</u>	2020292572	2020307978	2019451511
<u>B41M 7 /-</u>	2020300343	2020306067	<u>B65H 18 /-</u>	<u>C02F 101 /-</u>	2020320003
2020278128			2020318693	2020307394	<u>C07C 13 /-</u>
					2019451511

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

<u>C07C 17 /-</u>	<u>C07D 213 /-</u>	<u>C07D 333 /-</u>	2020301057	2020284723	<u>C08J 3 /-</u>
2020283130	2020293226	2020298744	2020302338	2020288499	2020300695
<u>C07C 233 /-</u>	2020306387	<u>C07D 401 /-</u>	2020307293	2020289301	<u>C08J 7 /-</u>
2020293226	2020320003	2020280699	2020308353	2020289303	2020289961
2020306387	<u>C07D 215 /-</u>	2020291014	2020311894	2020292246	2020284599
<u>C07C 235 /-</u>	2020319160	2020297422	2020319160	2020292965	<u>C08K 11 /-</u>
2020306387	<u>C07D 221 /-</u>	2020300619	<u>C07D 487 /-</u>	2020293734	2020284599
<u>C07C 257 /-</u>	2020314669	2020302092	2020299892	2020296124	<u>C08K 3 /-</u>
2020311879	2020315142	2020302338	2020301057	2020298324	2019453381
<u>C07C 259 /-</u>	<u>C07D 223 /-</u>	2020306387	2020302092	2020298326	2020284599
2020291014	2020314669	2020306387	2020304001	2020298454	<u>C08K 5 /-</u>
2020311879	2020315142	2020314669	2020306387	2020300544	2020284599
<u>C07C 309 /-</u>	<u>C07D 225 /-</u>	2020314910	2020307293	2020300618	<u>C08L 71 /-</u>
2020311894	2020291014	2020315142	2020308353	2020301813	2020303968
<u>C07C 315 /-</u>	<u>C07D 231 /-</u>	2020315159	<u>C07D 495 /-</u>	2020304108	<u>C08L 97 /-</u>
2020295503	2020288610	2020318697	2020298330	2020304112	2020290955
2020296094	2020306387	2020319160	<u>C07D 513 /-</u>	2020307471	<u>C09C 1 /-</u>
<u>C07C 317 /-</u>	2020310859	<u>C07D 403 /-</u>	2020309816	2020311902	2019453381
2020311879	2020311879	2020280699	<u>C07D 519 /-</u>	2020312687	<u>C09D 103 /-</u>
2020295503	<u>C07D 233 /-</u>	2020291014	2020284018	2020313978	2020316943
2020296094	2020306387	2020297422	<u>C07H 15 /-</u>	2020320187	<u>C09D 11 /-</u>
<u>C07C 327 /-</u>	2020313369	2020301443	2020291014	2020328737	2020308851
2020306387	2020315159	2020302338	<u>C07H 21 /-</u>	2020332878	<u>C09D 191 /-</u>
<u>C07C 37 /-</u>	2020320003	2020306387	<u>C07K 1 /-</u>	2020333406	2020326293
2020283130	<u>C07D 239 /-</u>	2020308353	2020310196	2020348861	<u>C09D 193 /-</u>
<u>C07C 39 /-</u>	2020306387	2020313369	2020291014	<u>C07K 17 /-</u>	2020316943
2020283130	<u>C07D 237 /-</u>	2020319160	<u>C07H 15 /-</u>	2020305308	<u>C09D 5 /-</u>
<u>C07C 51 /-</u>	2020313369	<u>C07D 405 /-</u>	2020292421	<u>C07K 19 /-</u>	2019453381
2020296094	2020315159	2020302092	2020310853	2020288499	<u>C09D 7 /-</u>
<u>C07C 59 /-</u>	2020320003	2020302338	<u>C07K 1 /-</u>	2020289301	2019453381
2020296094	<u>C07D 261 /-</u>	2020309064	2020311357	2020328737	<u>C09J 123 /-</u>
<u>C07C 67 /-</u>	2020300400	2020313369	<u>C07K 11 /-</u>	2020348861	2020314555
2020296094	2020300400	2020319160	<u>C07K 14 /-</u>	<u>C07K 5 /-</u>	<u>C09K 8 /-</u>
<u>C07C 69 /-</u>	<u>C07D 263 /-</u>	2020338971	2020302913	2020288188	2020296809
2020320003	2020320003	<u>C07D 413 /-</u>	<u>C07K 11 /-</u>	2020306623	<u>C10G 45 /-</u>
2020296094	2020306387	2020300400	<u>C07K 14 /-</u>	<u>C07K 7 /-</u>	2020314880
<u>C07D 205 /-</u>	2020320003	2020302092	2020283128	2020285477	<u>C10G 69 /-</u>
2020315142	<u>C07D 261 /-</u>	2020302338	2020283500	2020288188	<u>C10G 9 /-</u>
<u>C07D 207 /-</u>	2020300400	2020313369	2020285291	2020291407	2020314880
2020306387	2020300400	2020314669	2020285332	2020291636	<u>C10G 9 /-</u>
<u>C07D 209 /-</u>	<u>C07D 263 /-</u>	2020315142	2020285477	2020298326	2020296809
2020296286	2020320003	2020315159	2020288499	2020309161	<u>C10G 9 /-</u>
2020304640	2020320003	<u>C07D 417 /-</u>	2020291942	2020310538	<u>C10G 9 /-</u>
	2020320003	2020338971	2020292421	2020310538	<u>C10G 9 /-</u>
	2020320003	<u>C07D 417 /-</u>	2020296004	2020311873	<u>C10G 9 /-</u>
	2020320003	2020300400	2020301126	2020346645	<u>C10G 9 /-</u>
	2020320003	2020309816	2020301813	2020348861	<u>C10G 9 /-</u>
	2020320003	2020313369	2020307380	<u>C08B 37 /-</u>	<u>C10G 9 /-</u>
	2020320003	2020314669	2020309161	2020300695	<u>C10G 9 /-</u>
	2020320003	2020314910	2020310538	<u>C08C 19 /-</u>	<u>C10G 9 /-</u>
	2020320003	2020315159	2020311873	2020299589	<u>C10G 9 /-</u>
	2020320003	2020315159	2020346645	<u>C08G 63 /-</u>	<u>C10G 9 /-</u>
	2020320003	2019459233	2020348861	2020299589	<u>C10G 9 /-</u>
	2020320003	2020276902	<u>C07K 16 /-</u>	<u>C08G 65 /-</u>	<u>C10G 9 /-</u>
	2020320003	2020284018	2020277470	2020300695	<u>C10G 9 /-</u>
	2020320003	2020298330	2020277486	<u>C08C 19 /-</u>	<u>C10G 9 /-</u>
	2020320003	2020299659	2020280539	2020299589	<u>C10G 9 /-</u>
	2020320003	2020299892	2020280543	<u>C08G 73 /-</u>	<u>C10G 9 /-</u>
	2020320003		2020282956	2020305308	<u>C10G 9 /-</u>

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

<u>C10L 3 /-</u>	2020290515 2020290790 2020291792	2020307380	<u>C30B 7 /-</u>	<u>E04C 3 /-</u>	<u>F02B 71 /-</u>
2019456245	2020296104 2020301126	<u>C12Q 1 /-</u>	2020282395	2020314308	2020303367
<u>C11B 9 /-</u>	2020302789 2020304057 2020304112	2019446735	<u>C40B 30 /-</u>	<u>E04F 13 /-</u>	<u>F02B 75 /-</u>
2020295709	2020306790 2020307686	2020282704 2020296183 2020297509	2020344959	2020278227 2020310561	2020303367
<u>C11D 1 /-</u>	202031027	2020298038 2020306623 2020309312 2020334714 2021227206	<u>D04G 1 /-</u>	<u>E04F 15 /-</u>	<u>F02D 29 /-</u>
<u>C11D 11 /-</u>	2020311027	2020309312 2020334714 2021227206	2020295039	2020310561 2020407458	2020303367
2020311027	<u>C12N 5 /-</u>	<u>C12R 1 /-</u>	2020295039	<u>E04G 7 /-</u>	2020303367
<u>C11D 3 /-</u>	2019450349 2020277375 2020283188 2020284005	2020285332 2020296296 2020301126 2020309729 2020404339	<u>D06F 37 /-</u>	2020314308	<u>F02N 11 /-</u>
2020311027	2020286466 2020288888 2020289326 2020297614 2020304057 2020304112 2020309210 2020328737 2020332878 2020333406	2020285332 2020296296 2020301126 2020309729 2020404339	2020294757	<u>E04H 3 /-</u>	2020303367
<u>C12G 3 /-</u>	2020287953	<u>C22B 1 /-</u>	<u>D21J 3 /-</u>	2020314308	<u>F02P 5 /-</u>
<u>C12H 6 /-</u>	2020287953	2020308957	2020299620	<u>E21B 15 /-</u>	2020303367
<u>C12M 1 /-</u>	2020296183 2020299541 2020303871 2020303888 2020308087	<u>C22B 3 /-</u>	<u>D21J 7 /-</u>	2020313178	<u>F03D 13 /-</u>
<u>C12M 3 /-</u>	2020284005 2020303871 2020303888	<u>C22B 59 /-</u>	2020299620	<u>E21B 17 /-</u>	2020300343
<u>C12N 1 /-</u>	2020278703 2020285332 2020286493 2020291613 2020296296 2020296837 2020298217 2020309729 2020404339	2020308957	<u>E01B 11 /-</u>	2020288277 2020296357	<u>F03G 4 /-</u>
<u>C12N 13 /-</u>	2020291613 2020296837 2020298217 2020309729 2020404339	<u>C22C 18 /-</u>	2020322628	<u>E21B 33 /-</u>	2020302974
<u>C12N 15 /-</u>	2019450349 2020278046 2020280543 2020282828 2020283128 2020283188 2020283500 2020284022 2020285332 2020286462 2020286493 2020289301 2020289303	2020305070	<u>E01B 29 /-</u>	2020302974	<u>F03G 7 /-</u>
<u>C12P 13 /-</u>	2020291613 2020306790 2020307380 2020346645 2020356063 2020356064	<u>C22C 21 /-</u>	2020322628	<u>E21B 36 /-</u>	2020305724
<u>C12P 19 /-</u>	2020298217	2020305070	<u>E02B 1 /-</u>	<u>E21B 39 /-</u>	<u>F16B 2 /-</u>
<u>C12P 21 /-</u>	2020280543 2020292421 2020296124 2020298217	<u>C22C 38 /-</u>	2020285563	<u>E21B 43 /-</u>	2020313383
<u>C12P 5 /-</u>	2020296837	2020305070	<u>E02B 11 /-</u>	2020289516 2020296809 2020296894 2020302974	<u>F16B 39 /-</u>
<u>C12P 7 /-</u>	2020291613 2020306790	<u>C23C 18 /-</u>	<u>E02D 27 /-</u>	<u>E21B 44 /-</u>	<u>F16B 43 /-</u>
		2020300692	2020297021	2020302974	2020313383
		<u>C23C 2 /-</u>	<u>E02F 3 /-</u>	<u>E21B 47 /-</u>	2020313383
		2020305070	2020385538	2020288277 2020298556	<u>F16D 11 /-</u>
		<u>C23F 13 /-</u>	<u>E02F 9 /-</u>	<u>E21B 49 /-</u>	2020282634
		2020313176	2020284137 2020294635 2020316932	2020449437	<u>F16D 3 /-</u>
		<u>C25B 1 /-</u>	<u>E03B 3 /-</u>	<u>E21B 7 /-</u>	2020304584
		2020306696 2020307978	2020285563	2020288277 2020313178	<u>F16F 1 /-</u>
		<u>C25B 15 /-</u>	<u>E03F 1 /-</u>	<u>E21C 41 /-</u>	2020310876
		2020306696	2020285563	2020364511	<u>F16F 15 /-</u>
		<u>C25B 9 /-</u>	<u>E04B 1 /-</u>	<u>E21F 16 /-</u>	2021264761
		2020306696	2020451350	2020364511	<u>F16F 9 /-</u>
		<u>C30B 29 /-</u>	<u>E04C 2 /-</u>	<u>F02B 63 /-</u>	2021264761
		2020300692	2020293300	2020303367	<u>F16H 1 /-</u>
					2020304584

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

<u>F16H 3 /-</u>	<u>F25J 3 /-</u>	<u>G01F 3 /-</u>	<u>G01N 33 /-</u>	<u>G02C 7 /-</u>	<u>G06F 9 /-</u>
2020304584	2020330316	2020299245	2020281297	2019451089	2020284174
<u>F16H 55 /-</u>	<u>F28C 1 /-</u>	<u>G01G 3 /-</u>	2020286466	2020299826	2020296002
2020290333	2019452691	2020307463	2020286756	2020304907	<u>G06K 17 /-</u>
<u>F16L 1 /-</u>	<u>F28F 25 /-</u>	<u>G01G 9 /-</u>	2020288188	2020307664	2019449046
2020314766	2019452691	2020307463	2020289303	2020317011	
<u>F16L 33 /-</u>	<u>F41H 3 /-</u>	<u>G01J 3 /-</u>	2020290902	<u>G03B 17 /-</u>	<u>G06K 7 /-</u>
2020298124	2019453381	2020284469	2020292421	2020284469	2020315362
<u>F16L 59 /-</u>	<u>F41H 5 /-</u>	<u>G01K 13 /-</u>	2020293734	<u>G03H 1 /-</u>	<u>G06K 9 /-</u>
2020295083	2020303348	2020313176	2020306623	2020398170	2020300453
<u>F21K 9 /-</u>	<u>F41H 7 /-</u>	<u>G01K 3 /-</u>	2020309161	<u>G05B 19 /-</u>	2020303258
2020297191	2020303348	2020294635	2020310538	2020294635	<u>G06N 20 /-</u>
<u>F21V 8 /-</u>	<u>F41J 9 /-</u>	<u>G01K 7 /-</u>	2020313978	<u>G05B 23 /-</u>	2020287647
2020297509	2020294754	2020294635	2020320437	2020295099	2020301331
<u>F21V 9 /-</u>	<u>F42B 39 /-</u>	<u>G01L 1 /-</u>	2020334714	2020302438	<u>G06N 3 /-</u>
2020297191	2020303348	2020307463	2020344959	2020309879	2020283907
<u>F24C 15 /-</u>	<u>F42C 15 /-</u>	<u>G01M 99 /-</u>	<u>G01N 35 /-</u>	<u>G05F 1 /-</u>	2020298542
2020309237	2020301058	2020309879	2020299586	2020299142	2020299608
<u>F24F 11 /-</u>	<u>F42D 1 /-</u>	<u>G01N 1 /-</u>	<u>G01R 11 /-</u>	<u>G06F 11 /-</u>	<u>G06N 7 /-</u>
2019457803	2020301058	2020303871	2020283031	2020278769	2020309879
<u>F24H 9 /-</u>	<u>F42D 3 /-</u>	2020311062	<u>G01R 19 /-</u>	2020329777	<u>G06Q 10 /-</u>
2020313176	2020303855	2020320437	2020313176	<u>G06F 12 /-</u>	2020289139
<u>F24S 25 /-</u>	<u>G01C 21 /-</u>	<u>G01N 15 /-</u>	<u>G01S 13 /-</u>	2020287873	2020295099
2020313383	2020310932	2020286466	2020308920	<u>G06F 16 /-</u>	2020296966
<u>F24T 10 /-</u>	<u>G01D 11 /-</u>	2020286756	<u>G01S 17 /-</u>	2020297181	2020300598
2020302974	2020299245	2020308087	<u>G01V 1 /-</u>	2020298542	2020310315
<u>F25B 1 /-</u>	<u>G01D 21 /-</u>	<u>G01N 17 /-</u>	2019448133	2020299384	2020435105
2019457803	2020319036	2020300781	2020303855	2020299608	2020438755
<u>F25B 47 /-</u>	<u>G01D 4 /-</u>	<u>G01N 21 /-</u>	<u>G01V 3 /-</u>	2020299634	<u>G06Q 20 /-</u>
2019457803	2020282841	2020294144	<u>G02B 1 /-</u>	2020329777	2020289139
<u>F25C 5 /-</u>	2020283034	2020297509	<u>G02B 23 /-</u>	<u>G06F 21 /-</u>	2020296966
2020309996	2020284132	2020302737	2020298122	2019455635	2020311850
<u>F25D 23 /-</u>	<u>G01F 1 /-</u>	<u>G01N 22 /-</u>	<u>G02B 26 /-</u>	2020287873	<u>G06Q 30 /-</u>
2020309996	<u>G01F 15 /-</u>	2020308920	<u>G02B 27 /-</u>	2020300676	2019447197
<u>F25J 1 /-</u>	2020298556	2020290902	<u>G02B 27 /-</u>	<u>G06F 3 /-</u>	2020289139
2019456245	2020284132	2020291518	2020298122	2019240771	2020292204
2020305381	<u>G01F 23 /-</u>	<u>G01N 27 /-</u>	<u>G02B 5 /-</u>	2020275019	2020295066
2020324268	2020299245	2020297509	<u>G02B 6 /-</u>	<u>G06F 30 /-</u>	2020311850
2020330316	2020299586	2020291518	<u>G02B 6 /-</u>	2020287647	<u>G06Q 50 /-</u>
		2019451533	<u>G02B 6 /-</u>	2020304463	2019240771
		2020324570	<u>G02C 11 /-</u>	2021282989	2019456245
		<u>G01N 31 /-</u>		<u>G06F 7 /-</u>	2020289139
		2020312185		2020297181	2020290622
				<u>G06F 8 /-</u>	2020295099
				2019461393	2020438755
				2020296966	<u>G06T 11 /-</u>
				2020329777	2020308066

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

<u>G06T 17 /-</u>	<u>G10L 19 /-</u>	<u>H01H 71 /-</u>	2020283031	2020299531 2020301121	<u>H04N 7 /-</u>
2020287647	2020299973	2020294848	<u>H02G 13 /-</u>		2020299598 2020325292
<u>G06T 19 /-</u>	<u>G11B 27 /-</u>	<u>H01H 9 /-</u>	2020290027	<u>H04L 12 /-</u>	
2020287647	2020325292	2020291513 2020307052	<u>H02H 5 /-</u>	2020296851	<u>H04Q 11 /-</u>
<u>G06T 3 /-</u>	<u>G11B 7 /-</u>	<u>H01J 1 /-</u>	2020282612	<u>H04L 41 /-</u>	2020288638
2019451945 2019451948 2021282989	2019461917	2020283059	<u>H02H 9 /-</u>	2020276284 2020294521 2020296002	<u>H04Q 9 /-</u>
<u>G06T 7 /-</u>	<u>G16B 20 /-</u>	<u>H01L 21 /-</u>	2020290027	<u>H04L 45 /-</u>	2020316932
2019451945 2020283907 2020300453 2021282989	2020282704	2020300692	<u>H02J 3 /-</u>	2020274322 2020435926 2020437137	<u>H04S 7 /-</u>
<u>G06V 10 /-</u>	<u>G16B 30 /-</u>	<u>H01L 27 /-</u>	2020281282 2020299142	<u>H04L 5 /-</u>	2020299973
2020287647	2019447197	2020297509 2020302737	<u>H02J 7 /-</u>	2020294626 2020301121 2020311844	<u>H04W 16 /-</u>
<u>G07D 11 /-</u>	<u>G16C 20 /-</u>	<u>H01L 31 /-</u>	2020281282 2020282612 2020286574 2020372600		2020282922
2020303566	2020301331	2019453945 2020279256 2020284180	<u>H02J 9 /-</u>	<u>H04L 65 /-</u>	<u>H04W 24 /-</u>
<u>G07F 11 /-</u>	<u>G16H 10 /-</u>	<u>H01L 51 /-</u>	2020282612 2020299142	2020276284 2020287175 2020296002 2021266359	2020282841 2020282922
2020289139	2020295066	2020290043	<u>H02K 1 /-</u>		<u>H04W 4 /-</u>
<u>G07F 13 /-</u>	<u>G16H 20 /-</u>	<u>H01M 10 /-</u>	2019457513	<u>H04L 9 /-</u>	<u>H04W 48 /-</u>
2020289139	2019446735 2019447197 2020295066 2020340398	2020281282 2020284119	<u>H02K 15 /-</u>	2020287175 2020293224 2020296002 2020299385	2020285476
<u>G07F 9 /-</u>	<u>G16H 30 /-</u>	<u>H01Q 1 /-</u>	2020318359		<u>H04W 72 /-</u>
2020296966	2020283907	2020310058 2020311279	<u>H02K 9 /-</u>	<u>H04M 1 /-</u>	2020282922 2020311844
<u>G07G 1 /-</u>	<u>G16H 40 /-</u>	<u>H01Q 15 /-</u>	2020318359	2020302773	<u>H04W 84 /-</u>
2020296966	2020283907 2020296895	2020310058 2020311279	<u>H02P 23 /-</u>	<u>H04M 3 /-</u>	2020282841
<u>G08B 21 /-</u>	<u>G16H 50 /-</u>	<u>H01Q 19 /-</u>	2020288378	2020302773	<u>H04W 88 /-</u>
2020298490	2019446735	2020310058 2020311279	<u>H02S 10 /-</u>	<u>H04N 1 /-</u>	2020311844
<u>G08B 23 /-</u>	<u>G16H 80 /-</u>	<u>H01Q 21 /-</u>	2020279256	2020368983	<u>H05B 1 /-</u>
2020298490	2020295066	2020310058 2020311279	<u>H02S 20 /-</u>	<u>H04N 13 /-</u>	2020313176
<u>G08B 25 /-</u>	<u>G16Z 99 /-</u>	<u>H01Q 3 /-</u>	2020279256	2020298331	<u>H05H 7 /-</u>
2020298490	2019447197	2020310058 2020311279	<u>H04B 10 /-</u>	<u>H04N 19 /-</u>	2020283059
<u>G08B 29 /-</u>	<u>G21H 1 /-</u>	<u>H01Q 5 /-</u>	2020288638	2020290306 2020291116 2020294736 2020295684 2020297260 2020301374 2020308382 2020311851	
2020298490	2020277896	2020310058 2020311279	<u>H04B 13 /-</u>		
<u>G09C 5 /-</u>	<u>H01H 1 /-</u>	<u>H01S 3 /-</u>	2020301058	<u>H04B 7 /-</u>	
2020278941	2020291513	2020300690	<u>H04B 14 /-</u>	2020308426 2020310058 2020311279	
<u>G09F 13 /-</u>	<u>H01H 33 /-</u>	<u>H02B 1 /-</u>	<u>H04L 1 /-</u>		
2020398170	2020291513 2020307052	2020277759		<u>H04N 21 /-</u>	
<u>G10L 15 /-</u>	<u>H01H 50 /-</u>			2020293224	
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C07C 7/09 (2006.01)
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A61F 2/34 (2006.01)
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C07D 249/06 (2006.01)
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A61K 31/407 (2006.01)

A61P 1/04 (2006.01)

A61P 11/00 (2006.01)

A61P 19/08 (2006.01)

A61P 29/00 (2006.01)

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H02P 25/08 (2016.01)

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G01N 33/566 (2006.01)

C12N 15/00 (2006.01)

G01N 15/00 (2006.01)

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Universität Zürich see Medacta International SA

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C12N 15/86 (2006.01)

A61K 35/76 (2015.01)

A61K 39/00 (2006.01)

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man, Stephanie Gabrielle; Page, Nicolas Jean
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University of Mysore see National University of Singapore
(21) 2018279609

(71) University Of Washington; Institute For Research In Biomedicine

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(21) 2018249533 **(22)** 03.04.2018

(54) Self-assembling protein nanostructures displaying paramyxovirus and/or pneumovirus f proteins and their use

(51) Int. Cl.

C07K 14/195 (2006.01)

A61K 39/155 (2006.01)

C07K 14/115 (2006.01)

C07K 14/135 (2006.01)

C12N 5/10 (2006.01)

C12N 15/62 (2006.01)

C12N 15/63 (2006.01)

B82Y 5/00 (2011.01)

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H04R 3/00 (2006.01)

H03G 1/00 (2006.01)

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C07D 487/04 (2006.01)

A61K 31/5517 (2006.01)

A61P 11/00 (2006.01)

C07D 487/14 (2006.01)

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F16N 27/00 (2006.01)

F16C 33/66 (2006.01)

F16N 29/02 (2006.01)

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H05B 45/37 (2020.01)

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G06F 11/14 (2006.01)

G06F 15/16 (2006.01)

H03M 7/30 (2006.01)

H03M 7/34 (2006.01)

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 62/326,428 22.04.16 US

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(54) Drinking water supply system with drinking water quality monitoring func-

tion, method for controlling same, and computer program

(51) Int. Cl.

E03B 7/02 (2006.01)

E03B 7/04 (2006.01)

E03C 1/02 (2006.01)

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(11) AU-B-2018348394

(21) 2018348394 **(22)** 09.10.2018

(54) Drinking water supply system with groupwise control, method for controlling the same, and computer program

(51) Int. Cl.

E03B 7/02 (2006.01)

E03B 7/04 (2006.01)

E03B 7/08 (2006.01)

E03C 1/02 (2006.01)

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(71) Viega Technology GmbH & Co. KG

(11) AU-B-2018348396

(21) 2018348396 **(22)** 09.10.2018

(54) Drinking water supply system having an acoustic sensor or a presence detector, method for controlling the same, and computer program

(51) Int. Cl.

E03B 7/02 (2006.01)

E03B 7/04 (2006.01)

E03C 1/02 (2006.01)

E03C 1/05 (2006.01)

E03D 5/10 (2006.01)

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(71) Viega Technology GmbH & Co. KG

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(21) 2018348679 **(22)** 09.10.2018

(54) Drinking water supply system with volume or pressure control function,

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method for controlling same, and computer program
(51) Int. Cl.
E03B 7/02 (2006.01)
E03B 7/04 (2006.01)
E03C 1/02 (2006.01)
(87) WO2019/072810
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(21) 2020220165 **(22)** 20.08.2020
(54) Window antennas
(51) Int. Cl.
H01Q 1/12 (2006.01)
H01Q 1/38 (2006.01)
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(54) An accessory for carrying items on a garment
(51) Int. Cl.
A45C 1/00 (2006.01)
A45C 13/10 (2006.01)
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A61F 2/24 (2006.01)
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(54) Software validation for autonomous vehicles
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B60W 30/14 (2006.01)
B60W 10/18 (2012.01)
B60W 30/08 (2012.01)
G05D 1/00 (2006.01)
G05D 1/02 (2006.01)
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(54) USE OF EXTENDED DETECTION PERIODS FOR RANGE ALIASING DETECTION AND MITIGATION IN A LIGHT DETECTION AND RANGING (LIDAR) SYSTEM
(51) Int. Cl.
G01S 7/491 (2020.01)
G01S 17/89 (2020.01)
G05D 1/02 (2020.01)
(43) 27.08.2020
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(21) 2019283766 **(22)** 16.12.2019
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C07K 19/00 (2006.01)
C12N 5/078 (2010.01)
C12N 9/00 (2006.01)
C12N 9/10 (2006.01)
C12N 15/85 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) Cathodic corrosion protection with solar panel
(51) Int. Cl.
C23F 13/20 (2006.01)
C25D 11/00 (2006.01)
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(31) 15/695,515 **(32)** 05.09.17 **(33)** US
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(21) 2019265041 **(22)** 10.04.2019
(54) Outer wall material and method for manufacturing same
(51) Int. Cl.
E04F 13/15 (2006.01)
B32B 3/30 (2006.01)
E04B 1/76 (2006.01)
E04F 13/08 (2006.01)
G02B 5/00 (2006.01)
G02B 5/124 (2006.01)
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(72) NAKAMURA, Takuju
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Yen, H. see Su, C.
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(21) 2018266248 **(22)** 10.05.2018
(54) Homodetic cyclic peptides targeting a4β7 integrin
(51) Int. Cl.
C07K 7/64 (2006.01)
A61K 38/12 (2006.01)
A61P 29/00 (2006.01)
A61P 37/06 (2006.01)
C07K 7/00 (2006.01)
C07K 7/50 (2006.01)
C07K 7/54 (2006.01)
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(31) 62/504,309 **(32)** 10.05.17 **(33)** US
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(74) Davies Collison Cave Pty Ltd

(71) ZeniMax Media Inc.
(11) AU-B-2020267252
(21) 2020267252 **(22)** 12.11.2020
(54) Systems and methods for game-generated motion vectors
(51) Int. Cl.
G06T 7/20 (2017.01)
(43) 10.12.2020
(44) 27.01.2022
(62) 2018254550
(72) Kopietz, Michael
(74) Davies Collison Cave Pty Ltd

(71) ZTE Corporation
(11) AU-B-2019218311
(21) 2019218311 **(22)** 01.02.2019
(54) Heat-insulation device and electronic product
(51) Int. Cl.
H05K 5/02 (2006.01)
H05K 7/20 (2006.01)
(87) WO2019/154307
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- (72) WU, Dianfeng
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2015229095	Cibus Europe B.V.; Cibus US LLC	2016406180	NKT HV Cables AB
2015254599	Fondazione Edmund Mach	2016406781	Halliburton Energy Services, Inc.
2015296029	Dovetail Genomics, LLC	2016415599	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2015315103	Igenomx International Genomics Corporation	2016416734	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2015328173	Organovo, Inc.	2016423565	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2015336938	Commonwealth Scientific and Industrial Research Organisation	2016428422	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2015342749	Editas Medicine, Inc.	2016428423	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2015345080	Universite de Geneve	2016429113	Dow Global Technologies LLC; Rohm and Haas Company
2015346487	Neogenomics Laboratories, Inc.	2016429280	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2015352045	Danstar Ferment AG	2016432636	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2015360352	Exact Sciences Development Company, LLC	2017200871	Joy Global Surface Mining Inc
2015362618	C3J Therapeutics, Inc.	2017201715	ABUS August Bremicker Söhne KG
2015371083	Universität Zürich	2017205323	Alcyone Lifescience, Inc.
2015371312	Genentech, Inc.	2017205519	Takeda Pharmaceutical Company Limited
2015417685	Kimberly-Clark Worldwide, Inc.	2017205656	Omya International AG
2015419335	Razer (Asia-Pacific) Pte. Ltd.	2017206161	MARICI Holdings The Netherlands B.V.
2015419383	Ecolab USA Inc.	2017206786	President and Fellows of Harvard College; The Regents of the University of California
2016206240	IFP Energies nouvelles	2017209033	Flogistix, LP
2016215304	The Regents of The University of California	2017210479	SPX Flow, Inc.
2016219897	Ionica Sciences	2017211520	Hovione Scientia Limited
2016223431	DRK-Blutspendedienst Baden-Württemberg-Hessen gGmbH; Johann Wolfgang Goethe-Universität Frankfurt am Main	2017213540	Adobe Inc.
2016226157	Merck Sharp & Dohme Corp.; Eisai R&D Management Co., Ltd.	2017213664	Honeywell International Inc.
2016236270	Bayer Pharma Aktiengesellschaft	2017217627	CSP Technologies, Inc.
2016240208	Oblique Therapeutics AB	2017218618	Aeronet Global Communications Labs DAC
2016240212	HMNC Diagnostics GmbH	2017220302	AgJunction LLC
2016240213	HMNC Diagnostics GmbH	2017221140	Honeywell International Inc.
2016247130	Katadyn Desalination, LLC	2017221895	Rohm and Haas Company
2016249905	The Coca-Cola Company	2017223970	HPVVax, LLC
2016264471	Sarepta Therapeutics, Inc.	2017227923	Smith & Nephew plc
2016268625	Astellas Pharma Inc.	2017228762	Commonwealth Scientific and Industrial Research Organisation; The Boeing Company
2016273230	Eisai R&D Management Co., Ltd.	2017228932	Precision Pipe Lifter Pty Ltd
2016292350	Momentive Performance Materials Inc.	2017230137	Coloreel Group AB
2016293964	Electrolux Appliances Aktiebolag	2017232770	Terumo Kabushiki Kaisha
2016305092	Corcept Therapeutics, Inc.	2017238201	Nanotech Energy, Inc.; The Regents of the University of California
2016309952	Coogee Titanium Pty Ltd	2017241894	Restorative Spine, LLC
2016310074	GAKO Deutschland GmbH	2017246225	Eaton Intelligent Power Limited
2016317015	Belvac Production Machinery, Inc.	2017247600	Thales Management & Services Deutschland GmbH
2016319110	The General Hospital Corporation	2017247791	Luigi Lavazza S.p.A.
2016321832	Microos Human Health B.V.	2017251120	Orthoxel Dac
2016327450	Agriculture Victoria Services Pty Ltd	2017252557	Magic Leap, Inc.
2016328732	Lesaffre et Compagnie	2017252566	Vertigo Media, Inc.
2016329951	Amorepacific Corporation	2017256811	Ravelation Pty Ltd
2016333984	BVW Holding AG	2017258292	Medtronic Navigation, Inc.
2016334114	Ionis Pharmaceuticals, Inc.	2017263638	Precision Planting LLC
2016339061	Schneider Electric Industries SAS	2017264574	Qualcomm Incorporated
2016339876	Metso Sweden AB	2017267634	The Board of Regents of The University of Texas System
2016340619	Samsung Electronics Co., Ltd.	2017267998	Kegspeed, LLC
2016349363	Alcon Inc.; The Regents of the University of Colorado, a body corporate	2017268219	Smith & Nephew, Inc.
2016356081	Applied Biomimetic A/S	2017270802	BAE Systems plc
2016357089	Integrated Dynamic Electron Solutions, Inc.	2017270803	BAE Systems plc
2016358110	O&M Halyard International Unlimited Company	2017271661	BioMerieux, Inc.
2016358158	Hayward Industries, Inc.	2017272786	Husqvarna AB
2016359499	Coravin, Inc.	2017273612	Qualcomm Incorporated
2016366942	IHC Holland IE B.V.	2017273689	Philip Morris Products S.A.
2016367707	Luoda Pharma Limited	2017274416	Crestovo Holdings LLC
2016368748	Medtronic Xomed, Inc.	2017275361	Becton Dickinson Rowa Germany GmbH
2016370609	Intelligent Textiles Limited		
2016372260	2Ingis S.A.		
2016382944	Inovio Pharmaceuticals, Inc.		
2016389117	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.		
2016398360	Equinor Energy AS		
2016402982	VIVRA International Pty. Ltd.		

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2017275919	Sumitomo Electric Industries, Ltd.	2018210404	Novo Nordisk A/S; The United States of America, as represented by The Secretary Department of Health & Human Services
2017276138	Ocean Sun AS	2018213509	National Institute of Information and Communications Technology
2017279730	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC	2018213637	CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.
2017281083	Janssen Biotech, Inc.	2018215304	NTT DOCOMO, INC.
2017282674	Mölnlycke Health Care AB	2018223217	Minetek Investments Pty Ltd
2017283045	Haldor Topsøe A/S	2018228308	GeneMedicine Co., Ltd.
2017288566	Devenish Nutrition Limited	2018231588	Equinor Energy AS
2017290063	Financial & Risk Organisation Limited	2018236188	Assembly Biosciences, Inc.
2017291835	Primo Medical Group, Inc.	2018249533	University Of Washington; Institute For Research In Bio-medicine
2017305533	Imertech SAS	2018249596	Emmert-Buck, M.; Tangrea, M.
2017305613	Lain Technologies Ltd	2018249834	Cao, C.
2017305647	Intelligent Electric Motor Solutions Pty Ltd	2018250286	Inscape Data, Inc.
2017309957	Glanbia Ireland DAC	2018266248	Zealand Pharma A/S
2017312360	Origami Energy Limited	2018266990	BASF SE
2017313753	UWM Research Foundation, Inc.; The Trustees of Columbia University in the City of New York	2018269745	Denali Therapeutics Inc.
2017314486	Ozuno Holdings Limited	2018279609	National University of Singapore; University of Mysore; Bangalore University
2017314842	Curtana Pharmaceuticals, Inc.	2018282067	Sami Labs Limited
2017316667	Magic Leap, Inc.	2018286604	IrvinGQ Limited
2017318493	Saint-Gobain Isover	2018290511	Sunshine Lake Pharma Co., Ltd.
2017318661	Board of Regents, The University of Texas System	2018295869	LG Electronics Inc.
2017321810	Cyclerion Therapeutics, Inc.	2018309739	The Trustees of Columbia University in the City of New York
2017322445	Lesaffre et Compagnie	2018312743	LG Electronics Inc.
2017322468	Invitron Limited	2018325823	Kabushiki Kaisha EarthTechnica
2017324903	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.	2018329225	Whitmore, D.
2017324923	Niantic, Inc.	2018330078	MTD Products Inc
2017324942	The Regents of The University of California	2018336826	Alvotech hf
2017326175	The Regents of the University of Michigan	2018344311	Inventio AG
2017329026	Afton Chemical Corporation	2018346165	Citrix Systems, Inc.
2017331116	Qualcomm Incorporated	2018348392	Viega Technology GmbH & Co. KG
2017334312	Trivver, Inc.	2018348394	Viega Technology GmbH & Co. KG
2017335832	Mediators Inc.	2018348396	Viega Technology GmbH & Co. KG
2017337121	Sage Therapeutics, Inc.	2018348679	Viega Technology GmbH & Co. KG
2017337319	Kimberly-Clark Worldwide, Inc.	2018348892	Shanghai Ao Qi Medical Technology Co., Ltd.
2017338824	Sigilon Therapeutics, Inc.	2018350131	Canon Kabushiki Kaisha
2017343477	PayPal, Inc.	2018355629	Mack Rides GmbH & Co. KG
2017346937	VAP Australia Pty Ltd	2018360573	Lock Right, LLC
2017348287	Danimer Bioplastics, Inc.	2018366290	Regeneron Pharmaceuticals, Inc.
2017348345	Escalier Biosciences, BV	2018372136	3M Innovative Properties Company
2017351437	National University Corporation Chiba University	2018378096	Beijing Geekplus Technology Co., Ltd.
2017351687	USound GmbH	2018392389	Daikin Industries, Ltd.
2017351756	Aché Laboratórios Farmacêuticos S.A.	2018401402	Beijing Oriental Railway Technology Development Co., Ltd.
2017352825	Parexgroup SA	2018405096	Beijing Sankuai Online Technology Co., Ltd
2017356565	Qualcomm Incorporated	2018409506	Telefonaktiebolaget LM Ericsson (publ)
2017358848	Seepex GmbH	2018411164	Mitsubishi Electric Corporation
2017359115	Biosurgical S.L.	2018413295	Graphic Packaging International, LLC
2017360282	Samsung Electronics Co., Ltd.	2018416582	Brother Kogyo Kabushiki Kaisha
2017361585	Samsung Electronics Co., Ltd.	2018430758	Hangzhou DAC Biotech Co., Ltd
2017361862	Cryovac, LLC	2018431102	ST Electronics (Info-Security) Pte Ltd
2017362445	Liebherr-Components Biberach GmbH	2018431743	Hewlett-Packard Development Company, L.P.
2017364328	Swell Energy Inc.	2018443502	Siemens Canada Limited
2017369548	Enabler Ltd.	2018451874	Essity Hygiene and Health Aktiebolag
2017371469	Purac Biochem B.V.	2019200437	Adobe Inc.
2017371617	BAE Systems plc	2019203555	Microvascular Tissues, Inc.
2017376431	Koppers Performance Chemicals Inc.	2019204784	Ionis Pharmaceuticals, Inc.
2017381399	Patriot Campers Holdings Pty Ltd	2019205817	Waymo LLC
2017381641	Société des Produits Nestlé S.A.	2019209589	Qualcomm Incorporated
2017383551	Enzymocore Ltd.	2019212416	CJ Cheiljedang Corporation
2017386412	Biomech Sensor LLC	2019214335	Orthosoft ULC
2017391838	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019214925	ASSIA SPE, LLC
2017398378	Halliburton Energy Services, Inc.	2019218311	ZTE Corporation
2017428648	Outotec (Finland) Oy	2019222873	Amplifier Marketing Pty Limited
2017435621	Huawei Technologies Co., Ltd.	2019223398	Medacta International SA; Universität Zürich
2017442939	Research Institute of Industrial Science & Technology	2019225271	Mitsubishi Heavy Industries Thermal Systems, Ltd.
2017443348	Motorola Solutions, Inc.	2019225879	Immatics Biotechnologies GmbH
2017443357	GABA International Holding GmbH		
2017443986	Siemens Aktiengesellschaft		
2018201573	Daon Enterprises Limited		
2018202512	Adobe Inc.		
2018209951	Hollister Incorporated		

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2019227675	Komatsu Ltd.	2020202710	Snap-on Incorporated
2019232411	Ivanov, V.	2020202860	Hollister Incorporated
2019233651	Institut Químic de Sarrià Cets Fundació Privada	2020202954	EnChroma, Inc.
2019237468	Takahashi, K.	2020203359	C. R. Bard, Inc.
2019241002	China UnionPay Co., Ltd.	2020203409	Accenture Global Solutions Limited
2019241463	Nicoventures Trading Limited	2020203602	10X Genomics, Inc.
2019244533	Mitsubishi Heavy Industries, Ltd.	2020203905	Shure Acquisition Holdings, Inc.
2019246242	Koki Holdings Co., Ltd.	2020204224	Nicira, Inc.
2019247878	3M Innovative Properties Company	2020204240	HA, C.
2019248635	Illumina, Inc.	2020204368	Polaris Industries Inc.
2019252694	Raven Industries, Inc.	2020205292	QINGDAO AGRICULTURAL UNIVERSITY
2019253838	Evogene Ltd.	2020207791	SHEKEL SCALES (2008) LTD
2019257489	Intarcia Therapeutics, Inc.	2020210192	LG Electronics Inc.
2019258242	E-nitiate Biopharmaceuticals (Hangzhou) Co., Ltd.	2020210193	Evogene Ltd.
2019259794	Pastificio Rana S.p.A.	2020210253	W.L. Gore & Associates, Inc.
2019263865	Tianjin Hemay Pharmaceutical Co., Ltd.	2020217306	Waymo LLC
2019264627	Membrane Technology and Research, Inc.; New York University	2020217373	Nantong University
2019265041	Yazaki Energy System Corporation	2020220113	Turntide Technologies Inc.
2019268166	DEKA Products Limited Partnership	2020220165	View, Inc.
2019268583	Novartis AG	2020223733	Intellia Therapeutics, Inc.; Novartis AG
2019272025	Versitech Limited	2020239700	Quest Diagnostics Investments LLC
2019272184	Mogam Institute for Biomedical Research	2020239743	Apple Inc.
2019275585	Boehringer Ingelheim Animal Health USA Inc.	2020239759	Apple Inc.
2019278897	Lineage Logistics, LLC	2020239767	Brother Kogyo Kabushiki Kaisha
2019279007	Apple Inc.	2020251019	Novartis AG
2019279208	Kyocera Corporation	2020256376	DEKA Products Limited Partnership
2019283766	Whitehead Institute for Biomedical Research	2020256406	NTT DOCOMO, INC.
2019294492	Apple Inc.	2020260403	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2019295450	Conmed Corporation	2020260407	Qualcomm Incorporated
2019304854	Ocak, U.	2020262841	Motorola Solutions, Inc.
2019306246	Netflix, Inc.	2020267252	ZeniMax Media Inc.
2019310543	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020273350	Dansons US, LLC
2019311769	SIWOFF, R.	2020273355	Apple Inc.
2019321745	Alipay (Hangzhou) Information Technology Co., Ltd.	2020276989	Mitsubishi Power, Ltd.
2019323042	Alipay (Hangzhou) Information Technology Co., Ltd.	2020277172	Transportation IP Holdings, LLC
2019326496	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2020277307	Farmobile LLC
2019329884	Pfizer Inc.	2020281109	Commercialisation Express Pty Ltd
2019332882	Acerta Pharma B.V.	2020294318	NTT DOCOMO, INC.
2019339356	IHI Corporation	2020327867	FOR-DE Group Pty Ltd
2019343051	Automated Pet Care Products, LLC	2021200009	Inventio AG
2019349581	Intuit Inc.	2021200319	Cartiva, Inc.
2019349983	Cw Products Pty Ltd	2021200376	Jusand Nominees Pty Ltd
2019371325	Shan Dong University	2021200444	ServiceNow, Inc.
2019379170	Teleflex Medical Incorporated	2021200971	Citrix Systems, Inc.
2019411708	Institute of Animal Science and Veterinary Medicine Shandong Academy of Agricultural Sciences	2021201001	Tableau Software, LLC
2019422006	Intuit Inc.	2021201045	Guangdong Breath Walker Health Technology Co., Ltd.
2019440163	Instrumentation Laboratory Company	2021201811	Loxo Oncology, Inc.
2020200279	Kabushiki Kaisha Toshiba	2021201832	Synerfuse, Inc.
2020200283	Impossible Foods Inc.	2021202019	Oric Pharmaceuticals, Inc.
2020200371	Osmoste Utilities Services, Inc.	2021203224	Datt Life Science Private Limited
2020200678	The Regents of The University of California	2021203591	Becton, Dickinson and Company
2020200713	Splunk Inc.	2021212143	Taylor Commercial Foodservice, LLC
2020200721	Cold Rush Refrigerated Lockers Pty Ltd	2021215265	Citrix Systems, Inc.
2020200802	KABUSHIKI KAISHA TOSHIBA; Toshiba Infrastructure Systems & Solutions Corporation	2021250950	Lincoln University
2020200806	Accenture Global Solutions Limited	2021266290	ProteoBioactives Pty Limited
2020200965	TRACTO-TECHNIK GmbH & Co. KG	2021269286	Alarm.com Incorporated
2020200988	TRACTO-TECHNIK GmbH & Co. KG	2021271942	BROLOCK PTY LTD
2020201269	Aristocrat Technologies Australia Pty Limited	2021273591	Redarc Technologies Pty Ltd
2020201595	ALLEGION (NEW ZEALAND) LIMITED	2021282396	PTG Reifendruckregelsysteme GmbH
2020201681	Su, C.; Yen, H.; Hsu, P.; Chen, C.	2021282403	Peterson, K.
2020201779	Genomic Health, Inc.		
2020201781	Biomedical Concepts LLC; D.T.R. Dermal Therapy Research Inc.		
2020201936	New York Air Brake, LLC		
2020202427	TRACTO-TECHNIK GmbH & Co. KG		
2020202481	Michael Comfort Pty Ltd Trading as Border Pest Control		
2020202532	CFPH, LLC		

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<u>A01B 76 /-</u>	<u>A23G 9 /-</u>	<u>A47J 27 /-</u>	<u>A61C 1 /-</u>	2018348892	<u>A61K 9 /-</u>
2017263638	2021212143	2019259794	2016372260	2018430758	2016334114
<u>A01C 5 /-</u>	<u>A23J 1 /-</u>	<u>A47J 31 /-</u>	<u>A61C 8 /-</u>	2019263865	2016368748
2017263638	2017381641	2017247791	2019279208	2019268583	2017211520
<u>A01H 17 /-</u>	<u>A23J 3 /-</u>	<u>A47J 37 /-</u>	<u>A61F 13 /-</u>	2019329884	2017267634
2016327450	2017381641	2020273350	2016368748	2020201781	2018372136
<u>A01H 9 /-</u>	<u>A23K 10 /-</u>	<u>A47K 10 /-</u>	2017282674	2020239700	2019257489
2015229095	2017288566	2015417685	2018451874	2020251019	2020201781
<u>A01K 5 /-</u>	<u>A23K 20 /-</u>	<u>A47K 11 /-</u>	<u>A61F 17 /-</u>	2021201811	2020203602
2019343051	2017288566	2020327867	2017282674	2021202019	
2020281109	<u>A23K 50 /-</u>	<u>A47K 3 /-</u>	<u>A61F 2 /-</u>	2021266290	<u>A61L 15 /-</u>
<u>A01K 67 /-</u>	2017274416	2020327867	2017282674	<u>A61K 33 /-</u>	2016368748
2018366290	<u>A23L 13 /-</u>	<u>A47K 7 /-</u>	<u>A61F 5 /-</u>	2020201781	<u>A61L 2 /-</u>
<u>A01M 29 /-</u>	2017371469	2017337319	2016349363	<u>A61K 35 /-</u>	2017335832
2020202481	<u>A23L 3 /-</u>	<u>A47L 11 /-</u>	2017241894	2015345080	2018209951
<u>A01N 43 /-</u>	2017371469	2018312743	2017268219	2018228308	<u>A61L 27 /-</u>
2017376431	<u>A23L 5 /-</u>	<u>A47L 9 /-</u>	2019214335	2018282067	2019233651
2018266990	2019259794	2016340619	2019233651	2019203555	2019279208
<u>A01N 59 /-</u>	<u>A23L 7 /-</u>	<u>A61B 1 /-</u>	2019279208	2020201781	2021203224
2017376431	<u>A23L 7 /-</u>	<u>A61B 10 /-</u>	2020210253	<u>A61K 36 /-</u>	<u>A61L 29 /-</u>
<u>A01N 63 /-</u>	2019259794	2019295450	2021200319	2020201781	2017329026
2017274416	<u>A24F 47 /-</u>	2020203359	<u>A61F 5 /-</u>	<u>A61K 38 /-</u>	2018209951
<u>A01P 3 /-</u>	2017273689	<u>A61B 17 /-</u>	2021201045	2016264471	<u>A61L 31 /-</u>
2017376431	2019241463	2016372260	<u>A61F 7 /-</u>	2016321832	2017329026
<u>A23B 4 /-</u>	<u>A41D 19 /-</u>	2017205323	<u>A61G 5 /-</u>	2017281083	<u>A61M 1 /-</u>
2017371469	2016333984	2017241894	2020327867	2018210404	2017227923
<u>A23C 9 /-</u>	<u>A43B 7 /-</u>	2017251120	<u>A61H 39 /-</u>	2018228308	2017359115
2017309957	2021201045	2017279730	2021201045	2018266248	2019268166
2017381641	<u>A45C 1 /-</u>	2019214335	<u>A61J 1 /-</u>	2019225879	<u>A61M 11 /-</u>
<u>A23D 7 /-</u>	2016402982	2019223398	<u>A61K 31 /-</u>	2019257489	2019241463
2020200283	<u>A45C 13 /-</u>	2019295450	2015254599	2020201781	<u>A61M 13 /-</u>
<u>A23D 9 /-</u>	2016402982	2019304854	2016226157	<u>A61K 39 /-</u>	2019295450
2020200283	<u>A45F 5 /-</u>	2019379170	2016305092	2015345080	<u>A61M 15 /-</u>
<u>A23G 1 /-</u>	2016402982	2021200319	2016334114	2016226157	2019241463
2017381641	<u>A47B 96 /-</u>	<u>A61B 34 /-</u>	2016367707	2019329884	<u>A61M 16 /-</u>
<u>A23G 3 /-</u>	2020200721	2017258292	2017205519	<u>A61K 45 /-</u>	2019295450
2017381641	<u>A47C 7 /-</u>	2019214335	2017313753	2016226157	<u>A61M 25 /-</u>
		2019311769	2017321810	2019329884	2017205323
		2020201681	2017324942	2016367707	2019295450
		<u>A61B 5 /-</u>	2017326175	2017211520	2020202860
		2019214335	2017337121	2021266290	<u>A61M 27 /-</u>
		2020201681	2017338824	<u>A61K 47 /-</u>	2020202860
		<u>A61B 8 /-</u>	2017348345	2016226157	<u>A61M 3 /-</u>
		2017205323	2017351437	2019329884	2017205323
			2017351756	<u>A61K 8 /-</u>	
			2018213637	2016329951	
			2018228308	2017337319	
			2018279609	2017443357	
			2018290511	2018372136	
			2018309739	2020201781	

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<u>A61M 39 /-</u>	2018213637 2018279609 2018309739 2018348892 2018430758	<u>B01D 29 /-</u>	2017305613	2019247878	2017381399
2017291835 2021203591	2019263865 2019329884 2021201811	2017359115 2017428648	<u>B21D 41 /-</u>	<u>B32B 3 /-</u>	<u>B63B 35 /-</u>
<u>A61M 5 /-</u>		<u>B01D 3 /-</u>	2016317015	2019247878 2019265041	2018231588
2017206786 2019257489	<u>A61P 37 /-</u>	2016309952 2017209033	<u>B21D 51 /-</u>	<u>B32B 5 /-</u>	<u>B63H 11 /-</u>
<u>A61M 60 /-</u>	2017338824 2018266248 2019258242 2019263865 2019268583	<u>B01D 33 /-</u>	2016317015	2017337319	2019232411
2019268166		2017428648	<u>B22D 17 /-</u>	<u>B32B 7 /-</u>	<u>B63H 25 /-</u>
<u>A61N 1 /-</u>		<u>B01D 5 /-</u>	2019237468	2019247878	2019232411
2016382944 2021201832	<u>A61P 7 /-</u>	2017209033	<u>B22D 35 /-</u>	<u>B41J 2 /-</u>	<u>B64B 1 /-</u>
<u>A61P 1 /-</u>	2018348892	<u>B01D 53 /-</u>	2019237468	2018350131 2018431743 2020239767	2019252694
2016367707 2018290511 2018372136 2019263865 2019329884	<u>A61Q 11 /-</u>	2016398360 2017209033 2019264627	<u>B24B 7 /-</u>	<u>B60C 23 /-</u>	<u>B64C 27 /-</u>
<u>A61P 11 /-</u>	2017443357 2018372136	<u>B01D 61 /-</u>	2017272786	2021282396	2021269286
2017313753 2019263865	<u>A61Q 19 /-</u>	2016247130 2017309957 2017442939	<u>B25B 13 /-</u>	<u>B60R 11 /-</u>	<u>B64C 39 /-</u>
<u>A61P 17 /-</u>	2017337319 2020201781	<u>B01D 67 /-</u>	2020202710	2017381399	2020202481 2021269286
2019258242 2020201781	<u>A61Q 5 /-</u>	2016356081	<u>B25F 5 /-</u>	<u>B60W 10 /-</u>	<u>B64D 17 /-</u>
<u>A61P 19 /-</u>	2016329951	<u>B01D 71 /-</u>	2019246242	2019205817	2018286604
2019263865 2021266290	<u>A63B 24 /-</u>	2016356081 2019264627	<u>B25G 1 /-</u>	<u>B60W 30 /-</u>	<u>B64D 33 /-</u>
<u>A61P 25 /-</u>	2020239743	<u>B01F 3 /-</u>	2017272786	2019205817	2019232411
2016268625 2017205519 2017321810 2017337121 2017351437 2017351756	<u>A63B 71 /-</u>	2016215304	<u>B25G 3 /-</u>	<u>B61H 13 /-</u>	<u>B64D 45 /-</u>
<u>A61P 29 /-</u>	2020239743	<u>B01F 31 /-</u>	2017272786	2020201936	2018286604
2015254599 2016268625 2018266248 2019263865 2021266290	<u>A63F 9 /-</u>	2016310074	<u>B25J 5 /-</u>	<u>B61K 9 /-</u>	<u>B64G 3 /-</u>
<u>A61P 3 /-</u>	2020202532	<u>B01F 35 /-</u>	2020204240	2018401402	2018213509
2017206786 2019257489 2019329884	<u>A63G 27 /-</u>	2016310074	<u>B27B 13 /-</u>	<u>B61L 15 /-</u>	<u>B65B 31 /-</u>
<u>A61P 31 /-</u>	2018355629	<u>B01J 19 /-</u>	2021282403	2017247600 2020277172	2017361862
2018290511 2019263865	<u>A63G 31 /-</u>	2017283045	<u>B27B 17 /-</u>	<u>B61L 23 /-</u>	<u>B65D 1 /-</u>
<u>A61P 35 /-</u>	2018355629	2017283045	2021282403	2018401402	2017232770
2016226157 2016236270 2017326175	<u>B01D 15 /-</u>	<u>B01J 8 /-</u>	<u>B27B 29 /-</u>	<u>B61L 25 /-</u>	<u>B65D 25 /-</u>
	2016223431 2017442939	2017283045	2021282403	2017247600	2015417685
	<u>B01D 17 /-</u>	<u>B01L 3 /-</u>	2017376431	<u>B61L 27 /-</u>	<u>B65D 63 /-</u>
	2017209033	2017318661 2017322468 2017359115	<u>B27B 31 /-</u>	2017247600	2018360573
	<u>B01D 19 /-</u>	<u>B01J 8 /-</u>	2017205656	<u>B62D 55 /-</u>	<u>B65D 77 /-</u>
	2016292350	2017283045	<u>B29C 41 /-</u>	2018330078	2018413295
	<u>B01D 25 /-</u>	<u>B02C 17 /-</u>	2016358110	<u>B62H 5 /-</u>	<u>B65D 81 /-</u>
	2017428648	2016339876	<u>B29C 45 /-</u>	2017201715	2017217627 2018413295
		<u>B02C 2 /-</u>	2018360573	<u>B62J 11 /-</u>	<u>B65D 83 /-</u>
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		<u>B03D 1 /-</u>			

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2015417685 2020202860	2017351437 2018213637	2017338824 2021201811	2021202019	2017324903	
<u>B65F 1 /-</u>	<u>C07C 309 /-</u>	<u>C07D 417 /-</u>	<u>C07J 51 /-</u>	<u>C08L 33 /-</u>	<u>C12N 11 /-</u>
2020204240	2017267634	2017338824 2018236188 2018290511	2021202019	2017221895	2017383551 2019203555
<u>B65F 5 /-</u>	<u>C07C 7 /-</u>	<u>C07D 471 /-</u>	<u>C07J 7 /-</u>	<u>C08L 67 /-</u>	<u>C12N 13 /-</u>
2020204240	2017209033	2017321810 2017338824 2019268583	2017337121	2017348287	2016382944
<u>B65G 1 /-</u>	<u>C07D 209 /-</u>	<u>C07D 473 /-</u>	<u>C07J 9 /-</u>	<u>C09D 151 /-</u>	<u>C12N 15 /-</u>
2018378096	2018213637	2018309739	2017337121	2017221895	2015229095 2015254599 2015296029 2015342749 2015345080 2015362618 2015371083 2016268625 2016319110 2017281083 2018228308 2018249533 2019204784 2019212416 2019253838 2019275585 2019283766 2020223733
<u>B65G 53 /-</u>	<u>C07D 213 /-</u>	<u>C07D 487 /-</u>	<u>C07K 14 /-</u>	<u>C09D 163 /-</u>	
2019343051	2019332882	2017313753 2017321810 2017338824 2018266990 2018269745 2018290511 2018430758 2019332882 2020251019	2016321832 2017223970 2017281083 2017322445 2018210404 2018228308 2018249533 2018366290 2019212416 2019225879 2019272184 2019275585	2017228762	
<u>B66B 19 /-</u>	<u>C07D 217 /-</u>	<u>C07D 491 /-</u>	<u>C07K 16 /-</u>	<u>C09D 4 /-</u>	
2018344311	2016305092	2018279609	2016219897 2016223431 2016236270 2016240208 2016264471 2016268625 2017281083 2018336826	2017221895	
<u>B66B 5 /-</u>	<u>C07D 231 /-</u>	<u>C07D 493 /-</u>	<u>C07K 19 /-</u>	<u>C09D 5 /-</u>	
2021200009	2021201811	2016327450 2018279609	2019283766	2016429113 2017228762 2020200371	
<u>B66C 1 /-</u>	<u>C07D 235 /-</u>	<u>C07D 495 /-</u>	<u>C07K 5 /-</u>	<u>C09K 15 /-</u>	
2017228932	2017351756	2017326175 2018269745 2019263865	2017326175	2021250950	
<u>B67D 1 /-</u>	<u>C07D 239 /-</u>	<u>C07F 19 /-</u>	<u>C07K 7 /-</u>	<u>C09K 5 /-</u>	<u>C12N 5 /-</u>
2016359499	2018290511 2018309739	2017228762	2016240208 2016264471 2016268625 2017281083 2018336826	2018392389	2015229095 2015328173 2016268625 2018249533 2019203555 2019283766 2021203224
<u>B67D 3 /-</u>	<u>C07D 249 /-</u>	<u>C07H 21 /-</u>	<u>C07K 5 /-</u>	<u>C10G 25 /-</u>	
2016359499	2017338824	2016334114	2017326175	2016206240	
<u>B67D 7 /-</u>	<u>C07D 271 /-</u>	<u>C07J 1 /-</u>	<u>C07K 7 /-</u>	<u>C10G 31 /-</u>	
2015419383	2018213637	2021202019	2016240208 2018266248 2019225879	2017209033	
<u>B82Y 5 /-</u>	<u>C07D 295 /-</u>	<u>C07J 31 /-</u>	<u>C08F 2 /-</u>	<u>C10G 5 /-</u>	<u>C12N 7 /-</u>
2017318661 2018249533	2017348345	2017337121 2021202019	2017221895 2017324903	2017209033	2015362618 2017223970 2018228308
<u>C01D 15 /-</u>	<u>C07D 317 /-</u>	<u>C07J 33 /-</u>	<u>C08F 220 /-</u>	<u>C10G 67 /-</u>	<u>C12N 9 /-</u>
2017442939	2017351437	2021202019	2016429113 2017221895	2016206240	2015229095 2015362618 2016321832 2019283766
<u>C02F 1 /-</u>	<u>C07D 401 /-</u>	<u>C07J 41 /-</u>	<u>C08F 265 /-</u>	<u>C11D 3 /-</u>	<u>C12P 19 /-</u>
2016247130	2017314842 2017338824 2018309739 2019258242 2021201811	2017337121 2021202019	2017221895 2017324903	2017335832	2019212416 2020203602
<u>C03C 25 /-</u>	<u>C07D 403 /-</u>	<u>C07J 41 /-</u>	<u>C08G 65 /-</u>	<u>C12G 1 /-</u>	<u>C12P 21 /-</u>
2017318493	2017338824 2021201811	2017337121 2021202019	2016292350	2016328732	2016268625 2020210193
<u>C04B 111 /-</u>	<u>C07D 405 /-</u>	<u>C07J 41 /-</u>		<u>C12M 1 /-</u>	
2017352825	2017338824 2021201811	2017337121 2021202019		2017271661 2020256376	
<u>C04B 28 /-</u>	<u>C07D 409 /-</u>			<u>C12M 3 /-</u>	
2017305533 2017352825	2017338824 2021201811			2020256376 2021203224	
<u>C04B 40 /-</u>				<u>C12N 1 /-</u>	
2017352825	2017324942 2017338824			2015352045 2016268625	
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2016215304		<u>E04F 13 /-</u>			2020277307
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2018409506 2020277172	<u>H04W 24</u> /-
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2020204224	<u>H04W 40</u> /-
<u>H04L 5</u> /-	2020217373
2019209589 2020260407	<u>H04W 52</u> /-
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2018250286 2021200971	<u>H04W 56</u> /-
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2016432636 2018215304	

Certified Innovation Patents**Name Index**

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

(71) ZOU, Y.

(11) AU-B-2021104109

(21) 2021104109 **(22)** 13.07.2021

(54) ENCRYPTION SIGNALLING NETWORK AND AUTHENTICATION-LINK

(51) Int. Cl.

H04L 9/40 (2022.01)

H04L 65/10 (2022.01)

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H04J 3/16 (2006.01)

H04L 45/50 (2022.01)

(45) 27.01.2022

(72) ZOU, Yuxin

(74) Yuxin ZOU

Numerical Index

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Patents Granted

Standard Patents

2014375206	2015226976	2015279794	2015342729
2015356788	2015360496	2015365606	2015410634
2016203617	2016204675	2016213751	2016219513
2016220612	2016225203	2016227607	2016243120
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2016291205	2016302009	2016310476	2016312007
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2020374239	2021200186	2021200545	2021200835

Patents Granted

Innovation Patents

2021105482

Assignments Registered

- 2003204440 Docsys Pty Ltd The patent has been assigned to **MEDICAL IT PTY LTD**
- 2003264180 Realtime Group Ltd The patent has been assigned to **RTI PTY LTD**
- 2004276906 Sophia Search Limited The patent has been assigned to **Peloton Interactive Inc.**
- 2005236504 Slipstream Data Inc. The patent has been assigned to **BlackBerry Limited**
- 2006288673 Milani, Alessandro The patent has been assigned to **A.P.I. Italia S.r.l.**
- 2006304589 Dash Navigation Inc. The patent has been assigned to **BlackBerry Corporation**
- 2007252290 Allotz.com Limited The patent has been assigned to **Surge Pricing Patent Holdings LLC**
- 2007259332 ZOTOS INTERNATIONAL, INC. The patent has been assigned to **HENKEL IP & HOLDING GMBH**
- 2008205312 Allianz Pharmascience Limited The patent has been assigned to **AnnJi Pharmaceutical Co., Ltd.**
- 2008251146 TRIMBLE LOADRITE AUCKLAND LIMITED The patent has been assigned to **TRIMBLE INC.**
- 2008317577 TRIMBLE LOADRITE AUCKLAND LIMITED The patent has been assigned to **TRIMBLE INC.**
- 2009215558 Innovative Concepts, Inc. The patent has been assigned to **Elbit Systems of America, LLC**
- 2009300571 Dongbu Farm Hannong Co., Ltd.; KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY The patent has been assigned to **FarmHannong Co., Ltd.**
- 2009349644 Milani, Alessandro The patent has been assigned to **A.P.I. Italia S.r.l.**
- 2010200101 Slipstream Data Inc. The patent has been assigned to **BlackBerry Limited**
- 2010241510 Infinity Retractable Screens Pty Ltd The patent has been assigned to **Freedom Screens Capital Pty Ltd**
- 2011333749 Imnate Sarl The patent has been assigned to **Imcys SA**
- 2011374143 Phase Transition Energy Limited; Scandinavian Biofuel Company AS The patent has been assigned to **Phase Transition Energy Limited**
- 2012230279 Universite de Nantes; CHU Nantes; Centre National de la Recherche Scientifique (CNRS); Universite Paris-Sud 11 The patent has been assigned to **Université Paris-Saclay; Centre National de la Recherche Scientifique (CNRS); CHU Nantes; Universite de Nantes**
- 2012308347 Band-Lok, LLC The patent has been assigned to **OrthoPediatrics Corp.**
- 2012326456 Gregg Drilling & Testing, Inc. The patent has been assigned to **Gregg Drilling, LLC**

Assignments Registered

- 2012331182 ESTEVE PHARMACEUTICALS, S.A The patent has been assigned to **TOWA PHARMACEUTICAL EUROPE, S.L.**
- 2013206598 Infinity Retractable Screens Pty Ltd The patent has been assigned to **Freedom Screens Capital Pty Ltd**
- 2013277423 Allianz Pharmascience Limited The patent has been assigned to **AnnJi Pharmaceutical Co., Ltd.**
- 2013283514 Tremco illbruck Productie B.V. The patent has been assigned to **Tremco CPG Netherlands B.V.**
- 2013326974 Zymeworks Inc.; National Research Council of Canada The patent has been assigned to **Zymeworks Inc.**
- 2013353690 Motion Icon (Proprietary) Limited The patent has been assigned to **CKR WEALTH CC**
- 2014230014 TIGENIX, S.A.U.; TiGenix NV The patent has been assigned to **TIGENIX, S.A.U.**
- 2014239220 Bazoberry, Carlos The patent has been assigned to **Bazoberry, LLC**
- 2014289153 Centre Hospitalier Universitaire de Toulouse; Universite Paris-Sud 11; Pierre Fabre Dermo-Cosmetique The patent has been assigned to **Université Paris-Saclay; Centre Hospitalier Universitaire de Toulouse; Pierre Fabre Dermo-Cosmetique**
- 2014346874 Novozymes Bioag A/S The patent has been assigned to **DANSTAR FERMENT AG**
- 2015230474 Zhejiang Hisun Pharmaceutical Co., Ltd.; Zhejiang Hisun Chemical Co., Ltd. The patent has been assigned to **Shenzhen Ten-ver Biopharm Co., Ltd.**
- 2015258312 Band-Lok, LLC The patent has been assigned to **OrthoPediatrics Corp.**
- 2015323635 Poggi, Paul The patent has been assigned to **Black Asbestos Ltd**
- 2015397929 Gregg Marine, Inc. The patent has been assigned to **Gregg Drilling, LLC**
- 2016296905 Centre national de la recherche scientifique; Institut Curie; Institut National de la Sante et de la Recherche Medicale; ONXEO; Universite Paris-Sud 11 The patent has been assigned to **Université Paris-Saclay; Institut Curie; Centre national de la recherche scientifique; ONXEO; Institut National de la Sante et de la Recherche Medicale**
- 2017200307 Imnate Sarl The patent has been assigned to **Imcyse SA**
- 2017213377 Brain Innovation Co., Inc.; Tohoku University The patent has been assigned to **Tohoku University**
- 2017268645 Infinity Retractable Screens Pty Ltd The patent has been assigned to **Freedom Screens Capital Pty Ltd**
- 2017279611 Smith, Corey The patent has been assigned to **Lean Steer Difference, LLC**
- 2018200786 Band-Lok, LLC The patent has been assigned to **OrthoPediatrics Corp.**
- 2018204178 Novartis AG The patent has been assigned to **GLAXOSMITHKLINE BIOLOGICALS SA**
- 2019100649 Infinity Retractable Screens Pty Ltd The patent has been assigned to **Freedom Screens Capital Pty Ltd**

Assignments Registered

- 2020100301 ShangHai Ocean University The patent has been assigned to **Nanning Novosense Microelectronics Co., Ltd**

Corrigenda

In Vol 36 , No 1 , Page(s) 101 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Musculoskeletal Transplant Foundation, Application No. 2020267589, under INID (72) correct the co-inventor to WU, Kevin.

In Vol 36 , No 1 , Page(s) 84 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name F. Hoffmann-La Roche AG; Hoffmann-La Roche Inc., Application No. 2020319677, under INID (71) remove co-applicant Hoffmann-La Roche Inc.

In Vol 36 , No 2 , Page(s) 198 under the heading **Amendments - Application for Amendments** Under the name AstraZeneca AB, Patent Application No. 2020203306 correct the statements to read 25 Oct 2021 and 17 Nov 2021

In Vol 36 , No 3 , Page(s) 335 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Regeneron Pharmaceuticals, Inc., Application No. 2020299477, under INID (72) correct the co-inventor to McGARRELL, Craig.

Specifications Republished

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

- 2017298360 **Eos Energy Storage, LLC**