



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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 Provisional application <u>number</u>	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)
<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
C) Applications open to public inspection - Name Index		D) Applications accepted - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)
<u>ITEM</u>	<u>INID</u> <u>No.</u>		
E) Patents Certified – Name Index			
The <u>name</u> of the applicant	(71)		
The <u>number</u> of the accepted document	(10)		
The <u>number</u> assigned to the application	(21)		
The <u>date</u> of filing	(22)		
The <u>title</u>	(54)		
The <u>classification marks</u>	(51)		
Priority document <u>number</u>	(31)		
<u>Date</u> of filing of priority document(s)	(32)		
<u>Country</u> in which priority document filed	(33)		
Publication <u>date</u> of granted patent	(45)		
Inventors <u>names</u>	(72)		
<u>Patent Attorneys</u>	(74)		
Related by division	(62)		

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 18 May 2021 .

(71) A.C.N. 645 342 794 PTY LTD (21) 2021901486 (22) 18.05.2021 (54) BAG HOLDER	(71) Barak, A. (21) 2021901521 (22) 21.05.2021 (54) A compact form aircraft	(71) Coglitore, C. (21) 2021901503 (22) 19.05.2021 (54) A SYSTEM OF STOCKS SHARES CONVERSION TO BE USED FOR GOODS SERVICES AND PAYMENTS
(71) Aerotech Australia Pty Ltd (21) 2021901510 (22) 20.05.2021 (54) Topical treatment	(71) Beck, N. (21) 2021901539 (22) 24.05.2021 (54) A METHOD OF MANAGING AN OPIOID WITHDRAWAL SYMPTOM AND COMPOSITIONS FOR USE IN SAME	(71) Coglitore, C. (21) 2021901540 (22) 24.05.2021 (54) A SYSTEM OF STOCKS ,SHARES, COMMODITIES , FAST TRANSAC- TIONS AND COVERSIONS
(71) AGFM Systematics Pty Ltd (21) 2021901511 (22) 20.05.2021 (54) FUEL BENEFICIATION DEVICE	(71) Beier, S. (21) 2021901480 (22) 18.05.2021 (54) End to end vascular risk modelling	(71) Coma, A. (21) 2021901461 (22) 17.05.2021 (54) Grave Live Viewing
(71) Agtecnic Pty Ltd (21) 2021901471 (22) 17.05.2021 (54) CONTROLLING SPRAY HEADS	(71) Billing, D.W. (21) 2021901512 (22) 21.05.2021 (54) SYSTEM AND METHOD FOR STOR- ING AND GENERATING ENERGY	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021901467 (22) 17.05.2021 (54) THERMALLY STABLE VACCINE FOR- MULATIONS
(71) AIRDIAL PTY LTD (21) 2021901505 (22) 19.05.2021 (54) SYSTEM FOR MANAGING TYRE PRESSURES OF A VEHICLE	(71) Blackmore, R. (21) 2021901485 (22) 18.05.2021 (54) SYSTEM AND METHOD FOR FACIL- ITATING IDENTIFICATION OF EM- PLOYMENT OPPORTUNITIES	(71) Conway, J. (21) 2021901481 (22) 18.05.2021 (54) Conway's Snooker Roving Angles
(71) Anson, M. (21) 2021901514 (22) 21.05.2021 (54) Authentication images providing crypto- graphic functions	(71) Bradley, M. (21) 2021901507 (22) 20.05.2021 (54) Cleaning Utensil	(71) Curtin University (21) 2021901497 (22) 19.05.2021 (54) Process for producing a carborane an- ion
(71) Apollo CS Holdings Pty Ltd (21) 2021901513 (22) 21.05.2021 (54) Organic waste processing device and method	(71) Carbon Revolution Limited (21) 2021901463 (22) 17.05.2021 (54) ATTACHMENT ARRANGEMENT FOR COMPOSITE WHEELS	(71) David Bastians Family Trust (21) 2021901536 (22) 24.05.2021 (54) clip with adjustable magnets
(71) APPLIED ROBOTICS INTERNATION- AL PTY LTD; Raihani, D.; Wong, P. (21) 2021901465 (22) 17.05.2021 (54) A METHOD EMPLOYING AGVs TO IMPROVE THE EFFICIENCY & ACCURACY OF MANUAL TROL- LEY-BASED ORDER PICKING IN A DISTRIBUTION WAREHOUSE	(71) Chung, D. (21) 2021901509 (22) 20.05.2021 (54) Computing Infrastructure Modules	(71) Davies, K. (21) 2021901487 (22) 18.05.2021 (54) Motor Controller
		DENNE, P. see URRUTIA CONUS, F. (21) 2021901458

Provisional Applications Filed - Name Index cont'd

(71) ESKP3 Pty Ltd
(21) 2021901466 (22) 17.05.2021
(54) Improved Button Battery

(71) Everclad Group Pty Ltd
(21) 2021901541 (22) 24.05.2021
(54) Facade system

(71) FACADE SOLUTIONS PTY LIMITED
(21) 2021901482 (22) 18.05.2021
(54) A LOUVRE WINDOW AND METHOD OF INSTALLATION

(71) FACADE SOLUTIONS PTY LIMITED
(21) 2021901483 (22) 18.05.2021
(54) A LOUVRE WINDOW

(71) FACADE SOLUTIONS PTY LIMITED
(21) 2021901484 (22) 18.05.2021
(54) A LOUVRE WINDOW AND METHOD OF INSTALLATION IN A CURTAIN WALL

(71) Fast Build Systems Pty Ltd
(21) 2021901527 (22) 22.05.2021
(54) Formwork System & Method for Forming a Slab with a Rebate

(71) Ferronova Pty Ltd
(21) 2021901499 (22) 19.05.2021
(54) MAPPING NANOPARTICLES

(71) FOOKS, R.
(21) 2021901476 (22) 18.05.2021
(54) Vented Skylight Diffuser

(71) Goldspar Australia Pty Ltd.
(21) 2021901488 (22) 19.05.2021
(54) A solar pole with track mounting system

(71) Gomez, R.
(21) 2021901474 (22) 18.05.2021
(54) Sequester CO₂ & CH₄ from earth Atmosphere

(71) Gomez, R.
(21) 2021901537 (22) 24.05.2021
(54) Processing of IOCGU tailings to recover a Hematite Concentrate

GREGORY, P. see JOHNSON, A.
(21) 2021901504

(71) Grivakis, T.
(21) 2021901516 (22) 21.05.2021
(54) An adjustable exercise apparatus

(71) Halter USA Inc
(21) 2021901464 (22) 17.05.2021
(54) SYSTEM AND METHOD FOR APPLYING AMENDMENT

(71) Harbin Institute of Technology
(21) 2021901457 (22) 17.05.2021
(54) THREE-DIMENSIONAL LASER GAS SCANNER

(71) Henchman Group Pty Ltd
(21) 2021901515 (22) 21.05.2021
(54) Item Inventory Management Apparatus, and System and Method of Manufacturing thereof

(71) HGWIT Pty Ltd
(21) 2021901493 (22) 19.05.2021
(54) Hair treatment

(71) HYDROGEN SYSTEMS AUSTRALIA PTY LTD
(21) 2021901475 (22) 18.05.2021
(54) A method for producing hydrogen

(71) ICEE Holdings Pty Ltd
(21) 2021901522 (22) 21.05.2021
(54) STORAGE CONTAINER

(71) JOHNSON, A.; GREGORY, P.
(21) 2021901504 (22) 19.05.2021
(54) Handlebar extension apparatus and associated bicycle exercise arrangement

(71) JON HOPE
(21) 2021901473 (22) 17.05.2021
(54) Ecohousing Building Towers

Kyoungjin, A. see Lau, A.
(21) 2021901498

(71) Lau, A.; Wang, P.; Teoh, W.; Ng, Y.; Kyoungjin, A.
(21) 2021901498 (22) 19.05.2021
(54) A process and apparatus for the production of hydrogen

(71) Lomwest Enterprises Pty Ltd
(21) 2021901468 (22) 17.05.2021
(54) Structure and method for the improvement of a land site

(71) Lomwest Enterprises Pty Ltd
(21) 2021901469 (22) 17.05.2021
(54) Method of land reclamation and construction elements for use therein

(71) Matthews, N.
(21) 2021901380 (22) 07.05.2021
(54) A Fish Catcher Device. A Trap.

(71) Monash University
(21) 2021901459 (22) 17.05.2021
(54) Methods and compositions for preventing hearing loss

(71) Newfangled Tech Pty Ltd
(21) 2021901530 (22) 24.05.2021
(54) Treatment of a hydro-excavated mud

Ng, Y. see Lau, A.
(21) 2021901498

(71) OFB Corporation Pty Ltd
(21) 2021901500 (22) 19.05.2021
(54) Home Firefighting System

(71) OKA Rock Bolt Technologies Pty Limited as trustee for the OKA Rock Bolt Technologies Unit Trust
(21) 2021901470 (22) 17.05.2021
(54) A drill head injection system for a self-drilling rock bolt assembly

(71) Open Minded Enterprises Pty Ltd
(21) 2021901534 (22) 24.05.2021
(54) Helmet

(71) Orbel Health Ltd
(21) 2021901502 (22) 19.05.2021
(54) DISPENSER

(71) Orica Australia Pty Ltd
(21) 2021901535 (22) 24.05.2021
(54) Dust management

(71) Pallot, J.
(21) 2021901529 (22) 24.05.2021
(54) Process for electrical equipment modal parameter extraction during operation through the use of Operational Modal Analysis

(71) Phyllome IP Pty Ltd
(21) 2021901455 (22) 17.05.2021
(54) AGRICULTURAL SYSTEM, DEVICE AND METHOD

(71) Plastic Fabricators (WA) Pty Ltd t/a PFWA
(21) 2021901489 (22) 19.05.2021
(54) Electrolytic Cell

Provisional Applications Filed - Name Index cont'd

(71) Plastic Fabricators (WA) Pty Ltd t/a
PFWA
(21) 2021901490 (22) 19.05.2021
(54) Electrodialysis Cell

(71) Prescient Therapeutics Ltd
(21) 2021901496 (22) 19.05.2021
(54) Methods of producing improved im-
mune cell populations

**President And Fellows Of Harvard College
see Queensland University of Technology**
(21) 2021901531

(71) PRESTON, J.
(21) 2021901525 (22) 22.05.2021
(54) RE CHARGABLE BATTERY
POWERED DRIVE SYSTEM FOR AND
IMPROVEMENTS TO ELEVATORS.

(71) Queensland University of Technology;
President And Fellows Of Harvard Col-
lege
(21) 2021901531 (22) 24.05.2021
(54) Soft Actuator

**Raihani, D. see APPLIED ROBOTICS IN-
TERNATIONAL PTY LTD**
(21) 2021901465

(71) Ratcliff, D.
(21) 2021901538 (22) 24.05.2021
(54) Ratcliff Truss with Laminated Top
Chords

(71) Reid Group Pty Ltd
(21) 2021901518 (22) 21.05.2021
(54) A PRINTED ELECTRONIC SENSING
DEVICE AND APPLICATIONS THERE-
OF

(71) Repiper AB
(21) 2021901501 (22) 19.05.2021
(54) Liner Arrangement For Inserting in a
Pipe Structure, and Method For Method
For Relining a Pipe Structure

(71) ResMed Pty Ltd
(21) 2021901506 (22) 20.05.2021
(54) Patient Interface

(71) ROVE CONCEPTS PTY LTD
(21) 2021901478 (22) 18.05.2021
(54) WHEELCHAIR CUSTOMIZATION
SYSTEM, METHODS AND COMPON-
ENTS

(71) SCHENCK PROCESS AUSTRALIA
PTY LIMITED
(21) 2021901477 (22) 18.05.2021
(54) Wear Scanning of Screening and Other
Ore Treatment Decks

(71) Select Harvests Limited
(21) 2021901517 (22) 21.05.2021
(54) A process for preparing fertilizer com-
positions

(71) sheppard, r.
(21) 2021901460 (22) 17.05.2021
(54) Repositioning of roof top tents

(71) Staim Capital Pty Ltd
(21) 2021901479 (22) 18.05.2021
(54) A SENSOR-ENABLED PLATFORM
CONFIGURED TO MEASURE ATH-
LETIC ACTIVITY

Stevens, T. see Stevens, J.
(21) 2021901462

(71) Stevens, J.; Stevens, T.
(21) 2021901462 (22) 17.05.2021
(54) A fence post

(71) Syrinx Environmental Pty Ltd
(21) 2021901542 (22) 24.05.2021
(54) Container for Treating Contaminated
Water

(71) Telstra Corporation Limited
(21) 2021901472 (22) 17.05.2021
(54) Apparatus, system and method for
monitoring a pit lid

Teoh, W. see Lau, A.
(21) 2021901498

(71) The Florey Institute of Neuroscience
and Mental Health
(21) 2021901532 (22) 24.05.2021
(54) Methods for the treatment and preven-
tion of vascular diseases and disorders

(71) The Florey Institute of Neuroscience
and Mental Health
(21) 2021901533 (22) 24.05.2021
(54) Methods for mediating vasoconstriction

(71) The Trustee for PRW FAMILY TRUST
(21) 2021901528 (22) 24.05.2021
(54) [0001] Core mixing connection plenum
module for cabin air pressurisation and
filtration system used on fixed and mo-
bile plant.

(71) The University of Melbourne
(21) 2021901494 (22) 19.05.2021
(54) Secure electronic circuit

(71) The University of Queensland
(21) 2021901508 (22) 20.05.2021
(54) Rapid measurement of coal oxidation

**University of Sydney see Western Sydney
Local Health Network**
(21) 2021901520

(71) URRUTIA CONUS, F.; DENNE, P.
(21) 2021901458 (22) 17.05.2021
(54) Enclosure structure for a below grade
utility pit

(71) Varden Process Pty Ltd
(21) 2021901524 (22) 21.05.2021
(54) A Film Material

(71) Walpole, P.
(21) 2021901492 (22) 19.05.2021
(54) Sphere coupled, linear actuators
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(71) Walpole, P.
(21) 2021901495 (22) 19.05.2021
(54) Motorcycle Clipper Quad Beam Track

(71) Walpole, P.
(21) 2021901526 (22) 22.05.2021
(54) Motorcycle Clipper Quad Beam Track

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(21) 2021901498

(71) Western Sydney Local Health Network;
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(21) 2021901520 (22) 21.05.2021
(54) Method and system for measuring
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(71) WHEEN, A.
(21) 2021901491 (22) 19.05.2021
(54) Water Storage and Transport System

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(21) 2021901465

(71) Xero Limited
(21) 2021901523 (22) 21.05.2021
(54) Methods and systems for determining
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- . (*) Title not in Roman characters
- . (**) Title not given

(71) 360 Knee Systems Pty Ltd (21) 2021202996 (22) 11.05.2021 (54) Configuring a surgical tool (62) 2016293383	(71) Apple Inc. (21) 2021203022 (22) 12.05.2021 (54) Multifunction device control of another electronic device (62) 2019203391	(54) A GAMING SYSTEM AND A METHOD OF MONITORING A GAMING DEVICE (62) 2019203253
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(71) Ag Growth International Inc. (21) 2021203048 (22) 13.05.2021 (54) TRANSPORTABLE DRIVE-OVER CONVEYOR SYSTEM WITH FOLDING AND LIFTING MECHANISM (62) 2017201055	(71) Aristocrat Technologies, Inc. (21) 2021202856 (22) 05.05.2021 (54) SYSTEMS AND METHODS FOR PROVIDING DYNAMIC REWARDS (31) 17/058,548 (32) 24.11.20 (33) US (62) PCT/US2019/053407	(71) Avidbots Corp. (21) 2021203120 (22) 17.05.2021 (54) APPARATUS AND METHODS FOR SEMI-AUTONOMOUS CLEANING OF SURFACES (62) 2016253435
(71) Agriculture Victoria Services Pty Ltd (21) 2021202922 (22) 07.05.2021 (54) DESIGNER ENDOPHYTES (4) (61) 2011204749 (62) 2018253591	(71) Aristocrat Technologies, Inc. (21) 2021202858 (22) 05.05.2021 (54) SYSTEMS, APPARATUS, AND METHODS FOR UNLOCKING HIGHER RTP GAMES (31) 17/058,531 (32) 24.11.20 (33) US (62) PCT/US2019/053398	(71) Bausch & Lomb Incorporated (21) 2021203027 (22) 12.05.2021 (54) Ophthalmic suspension composition (62) 2016211745
(71) Alcresta Therapeutics, Inc. (21) 2021203134 (22) 17.05.2021 (54) Methods, compositions, and devices for supplying dietary fatty acid needs (62) 2019246874	(71) Aristocrat Technologies, Inc. (21) 2021202860 (22) 05.05.2021 (54) SYSTEM AND METHOD FOR CHANGING BEACON IDENTIFIERS FOR SECURE MOBILE COMMUNICATIONS (31) 17/262,178 (32) 21.01.21 (33) US (62) PCT/US2019/053823	Beta Bionics, Inc. see Trustees of Boston University (21) 2021202918
(71) Angel Playing Cards Co., Ltd. (21) 2021203081 (22) 13.05.2021 (54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES (62) 2019253876	(71) Aristocrat Technologies, Inc. (21) 2021202925 (22) 07.05.2021 (54) SYSTEMS AND METHODS FOR GAMING MACHINE DIAGNOSTIC ANALYSIS (31) 63/022,192 (32) 08.05.20 (33) US 17/222,763 05.04.21 US	Board of Regents, The University of Texas System see NanoString Technologies, Inc. (21) 2021203155
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		(71) Boehringer Ingelheim Animal Health USA Inc. (21) 2021203129 (22) 17.05.2021 (54) Process for preparation of isoxazoline compounds (62) 2017246305
		(71) Boston Scientific Scimed, Inc. (21) 2021203072 (22) 13.05.2021

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(54) Injectable compositions and methods of preparation and use thereof (62) 2017241516	(71) Charles Parsons (Holdings) Pty Ltd (21) 2021203105 (22) 14.05.2021 (54) A VEHICLE ROOF TOP SHELTER ARRANGEMENT (31) 2020901564 (32) 15.05.20 (33) AU	(71) CREO MEDICAL LIMITED (21) 2021203021 (22) 12.05.2021 (54) ELECTROSURGICAL PROBE FOR DELIVERING MICROWAVE ENERGY (62) 2016372519
(71) Brady Corporation Limited (21) 2021203136 (22) 17.05.2021 (54) Modular Post (31) 2007137.7 (32) 15.05.20 (33) GB	(71) Children's Medical Center Corporation (21) 2021203082 (22) 13.05.2021 (54) CYCLIC PROSAPOSIN PEPTIDES AND USES THEREOF (62) 2019204952	(71) Daikin Industries, Ltd. (21) 2021202984 (22) 11.05.2021 (54) Air-Conditioning System or Refrigerant Branch Unit (62) 2018329314
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(71) Celularity, Inc. (21) 2021203074 (22) 13.05.2021 (54) PLACENTAL-DERIVED STEM CELLS TO RESTORE THE REGENERATIVE ENGINE, CORRECT PROTEOMIC DEFECTS AND EXTEND LIFESPAN (62) 2016267672	(71) Context Systems LLP (21) 2021203034 (22) 12.05.2021 (54) Online collaboration systems and methods (62) 2015380291	(71) Delos Living LLC (21) 2021202924 (22) 07.05.2021 (54) Systems, methods and articles for monitoring and enhancing human wellness (62) 2016202287
(71) CFPH, LLC (21) 2021203137 (22) 17.05.2021 (54) SYSTEM FOR PEER-TO-PEER WIRELESS GAMING (62) 2019203485	(71) Covidien LP (21) 2021203039 (22) 13.05.2021 (54) Powered surgical instruments and methods of identifying tissue types therewith (31) 17/315,446 (32) 10.05.21 (33) US 63/027,060 19.05.20 US	(71) Dexcom, Inc. (21) 2021203005 (22) 12.05.2021 (54) Systems and methods for patient monitoring using an HCP-specific device (62) 2017388066
	(71) Covidien LP (21) 2021203101 (22) 14.05.2021 (54) Tissue relaxation monitoring for optimized tissue stapling (31) 17/313,833 (32) 06.05.21 (33) US 63/028,136 21.05.20 US	(71) Dexcom, Inc. (21) 2021203028 (22) 12.05.2021

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(54) Remote monitoring of analyte measurements
(62) 2019200545

(71) Disruption Labs Inc.
(21) 2021203006 (22) 12.05.2021
(54) COMPOSITIONS FOR THE DELIVERY OF THERAPEUTIC AGENTS AND METHODS OF USE AND MAKING THEREOF
(62) 2019398117

(71) Disruption Labs Inc.
(21) 2021203013 (22) 12.05.2021
(54) COMPOSITIONS FOR THE DELIVERY OF THERAPEUTIC AGENTS AND METHODS OF USE AND MAKING THEREOF
(62) 2019398117

(71) Dolby International AB; Dolby Laboratories Licensing Corporation
(21) 2021203143 (22) 17.05.2021
(54) Audio encoding and decoding using presentation transform parameters
(62) 2016311335

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(21) 2021203143

(71) East Coast Racing Technologies, Inc.
(21) 2021202911 (22) 07.05.2021
(54) TRACK INFORMATION SYSTEM
(62) 2018359395

(71) Eikonic R&D Pty Ltd
(21) 2021203112 (22) 17.05.2021
(54) Composition for the prevention of microbial growth
(62) 2016282207

(71) Eli Lilly and Company
(21) 2021203035 (22) 12.05.2021
(54) Nasal Powder Formulation for Treatment of Hypoglycemia
(62) 2016220235

(71) Enlighthenvue, LLC
(21) 2021202993 (22) 11.05.2021
(54) Endoscope with variable profile tip
(62) 2016304752

(71) Ensor, D.
(21) 2021203141 (22) 17.05.2021
(54) TENSILE REINFORCEMENT STRUCTURES FOR BRICK WALLS
(31) 764516 (32) 18.05.20 (33) NZ

(71) ERIS, K.
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(54) System of Automated Script Generation With Integrated Video Production
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(71) ESCO Group LLC
(21) 2021203036 (22) 12.05.2021
(54) Wear part monitoring
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(71) Excalibre Downhole Tools Ltd.
(21) 2021203083 (22) 13.05.2021
(54) MULTI-TOOTH JAW, TORQUE STOPPER DEVICE AND REPAIR KIT THEREOF FOR PREVENTING ROTATION OF DOWNHOLE TOOLS SUSPENDED IN WELLBORE CASING
(31) 3,085,090 (32) 29.06.20 (33) CA

(71) Fasteners For Retail, Inc.
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(54) RETAIL MERCHANDISE SHELVING SYSTEM AND DECK PANELS FOR SAME
(31) 63/031,344 (32) 28.05.20 (33) US
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(71) Forum US, Inc.
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(54) Apparatus and method for regulating flow from a geological formation
(62) 2018304477

(71) Frac Shack Inc.
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(54) Fuel delivery system and method
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(71) Gallagher Group Limited
(21) 2021203091 (22) 14.05.2021
(54) An Antenna for a RFID System
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(71) Genemedicine Co., Ltd.
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(54) Anticancer Composition Comprising Recombinant Adenovirus Expressing Degradation Factor For Extracellular Matrix
(62) 2017371301

(71) Genera Limited
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(54) Method and apparatus for fumigant gas capture
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(71) Global Clean Coal Technologies Pty Ltd
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(54) Thermal imaging assembly

(71) Global Payment Technologies Australia
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(54) Configuring a gaming machine to accept credit via recyclable non-currency tokens
(62) 2016203932

(71) Glyd
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(54) Adjustable board stand

(71) Google LLC
(21) 2021203130 (22) 17.05.2021
(54) QUANTUM COMPUTATION THROUGH REINFORCEMENT LEARNING
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(71) Grant, L.
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(54) Portable sunshade

(71) Hanmi Pharm. Co., Ltd.
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(54) Use of a long acting GLP-1/glucagon receptor dual agonist for the treatment of non-alcoholic fatty liver disease
(62) 2015318881

(71) Humanscale Corporation
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(54) A medical technology station and method of use
(62) 2016354610

(71) Hunter Douglas Industries B.V.
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(54) Spring system for roller blinds
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(71) iControl Networks, Inc.
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(54) Control system user interface
(62) 2019201476

(71) IESO Digital Health Limited
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(71) IGISU Co., Ltd.
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(71) Illinois Tool Works Inc.
(21) 2021203145 (22) 17.05.2021

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(31) 10 2020 114 362.1 (32) 28.05.20 (33) DE

(71) Illinois Tool Works Inc.
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(54) System for loading at least one conveyor dishwasher with items of washware, arrangement comprising at least one conveyor dishwasher and one loading system, and method for loading at least one conveyor dishwasher with items of washware
(31) 10 2020 114 364.8 (32) 28.05.20 (33) US

(71) Immatics Biotechnologies GmbH
(21) 2021203099 (22) 14.05.2021
(54) NOVEL T CELL RECEPTORS AND IMMUNE THERAPY USING THE SAME
(62) 2017373740

(71) Immatics Biotechnologies GmbH
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(62) 2020223639

(71) Immungene, Inc.
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(54) Focused interferon immunotherapy for treatment of cancer
(62) 2016274897

(71) Immunogen, Inc.
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(54) Methods of preparing cytotoxic benzodiazepine derivatives
(62) 2016297087

(71) INCYTE CORPORATION
(21) 2021202916 (22) 07.05.2021
(54) SUSTAINED RELEASE DOSAGE FORMS FOR A JAK1 INHIBITOR
(62) 2019257368

(71) InfraBuild Wire Pty Limited
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(54) Bracket
(31) 2020901541 (32) 13.05.20 (33) AU

(71) Interscope, Inc.
(21) 2021202926 (22) 08.05.2021
(54) INSERTABLE ENDOSCOPIC INSTRUMENT FOR TISSUE REMOVAL
(62) 2019271956

(71) Intuit Inc.
(21) 2021203090 (22) 14.05.2021
(54) Method and system for applying dynamic and adaptive testing techniques to a software system to improve selection of predictive models for personalizing user experiences in the software system
(62) 2017258468

(71) Ionis Pharmaceuticals, Inc.
(21) 2021203058 (22) 13.05.2021
(54) MODULATION OF ANGIOPOIETIN-LIKE 3 EXPRESSION
(62) 2019201882

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(71) Juno Therapeutics, Inc.
(21) 2021203056 (22) 13.05.2021
(54) Antibodies and chimeric antigen receptors specific for CD19
(62) 2015308648

(71) KoBa Holding GmbH
(21) 2021202990 (22) 11.05.2021
(54) Stackable photovoltaic module
(31) 10 2020 113 462.2 (32) 19.05.20 (33) DE

(71) LanzaTech New Zealand Limited
(21) 2021203008 (22) 12.05.2021
(54) Genetically engineered bacterium comprising energy-generating fermentation pathway
(62) 2016339989

(71) Lavermicocca, G.
(21) 2021203053 (22) 13.05.2021
(54) Improved Three Dimensional Puzzle
(62) 2015303819

(71) LG Electronics Inc.
(21) 2021203017 (22) 12.05.2021
(54) Image decoding method and device in accordance with block split structure in image coding system
(62) 2018341190

(71) LightLab Imaging, Inc.
(21) 2021203057 (22) 13.05.2021
(54) INTRAVASCULAR DATA VISUALIZATION METHOD
(62) 2016297930

(71) Lleidanetworks Serveis Telematics S.A.
(21) 2021202917 (22) 07.05.2021
(54) Method for the certification of electronic mail containing a recognised electron-

ic signature on the part of a telecommunications operator
(62) 2016383510

(71) Magnet Forensics Inc.
(21) 2021203075 (22) 13.05.2021
(54) System and method for identifying files based on hash values
(31) 63/023,909 (32) 13.05.20 (33) US

(71) Mallinckrodt Hospital Products IP Limited
(21) 2021203030 (22) 12.05.2021
(54) Systems and method for delivery of therapeutic gas to patients, in need thereof, receiving breathing gas from a ventilator that varies at least pressure and/or flow using enhanced therapeutic gas (NO) flow measurement
(62) 2019232815

(71) Massachusetts Institute of Technology
(21) 2021203156 (22) 17.05.2021
(54) Antibodies that bind Ebola glycoprotein and uses thereof
(62) 2015327819

(71) McKenna, E.
(21) 2021203147 (22) 17.05.2021
(54) Compositions and methods for the treatment of hepatic diseases and disorders
(62) 2013209887

(71) Medtronic, Inc.
(21) 2021203132 (22) 17.05.2021
(54) Therapy parameter selection based on ECAP feedback
(62) 2018341824

(71) Memorial Sloan-Kettering Cancer Center
(21) 2021202988 (22) 11.05.2021
(54) Use of phosphoinositide 3-kinase inhibitors for treatment of vascular malformations
(62) 2016265844

(71) MOORE, H.; ST. GERMAIN, B.
(21) 2021203093 (22) 14.05.2021
(54) PERMEABLE ELASTOMERIC MEMBRANE ADHERED TO FIRE-RATED STRUCTURAL OSB PANELS
(62) 2016365294

(71) MuPharma Pty Ltd
(21) 2021203025 (22) 12.05.2021
(54) Non-invasive agent applicator
(62) 2019268048

(71) NanoString Technologies, Inc.
(21) 2021203139 (22) 17.05.2021

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(54) Simultaneous quantification of gene expression in a user-defined region of a cross-sectioned tissue
(62) 2016295158

(71) NanoString Technologies, Inc.; Board of Regents, The University of Texas System
(21) 2021203155 (22) 17.05.2021
(54) Simultaneous quantification of a plurality of proteins in a user-defined region of a cross-sectioned tissue
(62) 2016297513

(71) NTT DOCOMO, INC.
(21) 2021203029 (22) 12.05.2021
(54) Image predictive encoding device, image predictive encoding method, image predictive encoding program, image predictive decoding device, image predictive decoding method, and image predictive decoding program
(62) 2019257506

(71) NuVasive, Inc.
(21) 2021203047 (22) 13.05.2021
(54) MINIMALLY DISRUPTIVE RETRACT-OR AND ASSOCIATED METHODS FOR SPINAL SURGERY
(62) 2020202291

(71) NuVasive Specialized Orthopedics, Inc.
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(54) REMOTELY ADJUSTABLE INTERACTIVE BONE RESHAPING IMPLANT
(62) 2020202885

(71) Orora Packaging Australia Pty Ltd
(21) 2021202920 (22) 07.05.2021
(54) A BOTTLE, AND AN INSERT AND A MOULD FOR MAKING THE BOTTLE
(31) 2020901485 (32) 08.05.20 (33) AU

(71) Outotec (Finland) Oy
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(54) Froth flotation unit
(62) 2017422662

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(21) 2021202923 (22) 07.05.2021
(54) A FROTH FLOTATION ARRANGEMENT AND A FROTH FLOTATION METHOD
(62) 2017422286

(71) Pall Corporation
(21) 2021203009 (22) 12.05.2021
(54) Multiwell device and method of use
(31) 16/893,593 (32) 05.06.20 (33) US

(71) Parallel Wireless, Inc.
(21) 2021202983 (22) 11.05.2021

(54) Inter-cell fractional frequency reuse scheduler
(62) 2017207499

(71) Parasym Pty Ltd
(21) 2021203016 (22) 12.05.2021
(54) Vagus nerve stimulation system
(62) 2020323954

(71) Payload Industries Pty Ltd
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(21) 2021203012 (22) 12.05.2021
(54) ANTI-C10ORF54 ANTIBODIES AND USES THEREOF
(62) 2015360282

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(21) 2021203104 (22) 14.05.2021
(54) A ROTATIONAL MOULDED BUND ENCLOSURE FOR AN INTERMEDIATE BULK CONTAINER

(71) President and Fellows of Harvard College
(21) 2021203014 (22) 12.05.2021
(54) STAPLED AND STITCHED POLYPEPTIDES AND USES THEREOF
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(54) Walnut peeling, cleaning, drying, cracking and kernel extracting integrated processing production line and method
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(71) Qingdao University of Technology; Sichuan Jieneng Drying Equipment Co., Ltd.
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(54) Vertical green seedcase removing device with conical spiral laminated knife
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(71) Radio Systems Corporation
(21) 2021203038 (22) 13.05.2021
(54) SYSTEMS AND METHODS OF TRACKING POSITION AND SPEED IN GNSS APPLICATIONS
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(54) Levelling spacer device
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(54) NON-HUMAN ANIMALS HAVING A HUMANIZED PROGRAMMED CELL DEATH 1 GENE
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(71) Research Institute at Nationwide Children's Hospital
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(21) 2021203092 (22) 14.05.2021
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(62) 2015200964

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(54) Gaming machine and method with persistence feature
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(54) SYSTEM AND METHOD FOR INTER-COMPANY BILLING PROCESSING
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(54) ECO-FRIENDLY REGENERATED ASPHALT COMPOSITION AND REGENERATED ASPHALT MIXTURE COMPRISING THE SAME
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(54) Housing clamp for a power tool
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(62) 2021201536

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(54) CSI REPORTING ON SMALL CONTROL CHANNELS
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(54) System and method for packaging photovoltaic roof tiles
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(54) Compositions and methods for delivering therapeutic agents into the colon
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(54) WNT SIGNALING AGONIST MOLECULES
(62) 2015314771

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(54) Object monitoring system for aircraft
(31) 16/899,864 (32) 12.06.20 (33) US

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(54) Combined loading in composite materials
(62) 2015243025

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(54) Quantum processing system
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(21) 2021203089 (22) 14.05.2021
(54) Construction of West Nile virus and dengue virus chimeras for use in a live virus vaccine to prevent disease caused by West Nile virus
(62) 2019203166

(71) The Regents of the University of California
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(54) High temperature synthesis for power production and storage
(62) 2016281723

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(71) TNBT Holdings Pty Limited
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(54) A Lock Assembly
(62) 2019203982

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 (54) A Lock Assembly
 (62) 2019203982

(71) TPI Polene Public Company Limited
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 CEMENT MATERIAL
 (31) 2001002669 (32) 15.05.20 (33) TH

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 (21) 2021202998 (22) 12.05.2021
 (54) SYSTEMS AND METHODS FOR
 PROVIDING SENSOR POWER
 (31) 63/031,450 (32) 28.05.20 (33) US
 17/231,865 15.04.21 US

(71) Trudgett, C.
 (21) 2021203011 (22) 12.05.2021
 (54) Vehicle window covering device

(71) Trustees of Boston University; Beta
 Bionics, Inc.
 (21) 2021202918 (22) 07.05.2021
 (54) INFUSION SYSTEM AND COMPONENTS
 THEREOF
 (62) 2018206409

(71) Typhon Treatment Systems Limited
 (21) 2021203061 (22) 13.05.2021
 (54) A method, system and apparatus for
 treatment of fluids
 (62) 2015295105

(71) Uber Technologies, Inc.
 (21) 2021203004 (22) 12.05.2021
 (54) Coordinating travel on a public transit
 system and a travel coordination system
 (62) 2018248963

(71) UBI IP Holdings
 (21) 2021203071 (22) 13.05.2021
 (54) Treatment and functional cure of HIV
 infection by monoclonal antibodies to
 CD4 mediating competitive HIV entry
 inhibition
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(71) Universität Hamburg
 (21) 2021203131 (22) 17.05.2021
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 O-Rhamnosyl Residue
 (62) 2017207867

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 GMBH
 (21) 2021203055 (22) 13.05.2021
 (54) METHOD FOR OPERATING A FOOD
 PROCESSOR
 (62) 2017276754

Walter Reed Army Institute of Research
 see The Government of the United States
 of America, as represented by the Secretary,
 Department of Health and Human Services
 (21) 2021203089

(71) Wecool Toys, Inc
 (21) 2021203050 (22) 13.05.2021
 (54) Apparatus and a method for the preparation
 of a play, craft and/or toy compound
 (62) 2018253991

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 (54) Heterodimeric antibodies that bind CD3
 and tumor antigens
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2021203097	3M Innovative Properties Company
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Applications listed below were processed through the Patent Office Canberra during the period ending 18 May 2021 .
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(71) Akiful Haque, M.; Unnisa, A.; Talib Hussain, M.; Moin, A.; Rizvi, S.M.D.; Chettupalli, A.K.
(21) 2021102556 (22) 14.05.2021
(54) INVESTIGATION OF ADVERSE DRUG REACTION THROUGH SMART DETECTION OF DRUGS INTERACTION

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(31) UNKNOWN (32) 11.05.21 (33) AU

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(54) DRYING APPARATUS

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(71) Bhat, A.H.; Achar, H.V.B.
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(54) DUAL PARAMETRIC STABILIZATION OF INTERFERENCE AND THROUGH-PUT IN WIRELESS SENSOR NETWORK- OPTICAL COMMUNICATION

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(21) 2021102560

(71) Binzhou Medical University
(21) 2021102561 (22) 14.05.2021
(54) Astragalus membranaceus-Paecilomyces cicadae fermentation germ plasm and application thereof

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(21) 2021102592

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(54) Hydraulic cylinder with specific performance dimensions

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(54) Hydraulic cylinder with specific performance dimensions

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(54) Hydraulic cylinder with specific performance dimensions

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(54) Hydraulic cylinder with specific performance dimensions

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(54) Hydraulic cylinder with specific performance dimensions

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(54) Hydraulic cylinder with specific performance dimensions

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(54) Hydraulic cylinder with specific performance dimensions

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2021102485	Gill, J.; Singh, R.P.; Mehra, M.	2021102527	Hubei Provincial Hospital of TCM
2021102486	Hindustan Institute of Technology and Science; KCG College of Technology	2021102528	Jiangxi University of Science and Technology
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2021102492	Caterpillar Inc.	2021102534	Shaoguan University; Shenzhen Xihan Medical and Healthy Environmental Protection Co. Ltd.; South China Agricultural University; Guangdong Shichangsheng Cosmetics Manufacturing Co., Ltd.
2021102493	Caterpillar Inc.	2021102535	Submission Sportswear Limited
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2021102498	Caterpillar Inc.	2021102540	Huaiyin Normal University
2021102499	Caterpillar Inc.	2021102541	James Cook University; PACIFIC BIOTECHNOLOGIES (AUSTRALIA) PTY LTD
2021102500	Caterpillar Inc.	2021102542	Zhonglianrui (Beijing) Biotechnology Co., Ltd; Dalian Nationalities University
2021102501	Caterpillar Inc.	2021102543	MMD Design & Consultancy Limited
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2021102503	Caterpillar Inc.	2021102545	Chongqing Technology and Business University; Chongqing Business University Technology Development Co., Ltd
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2021102558	Sun Pharmaceutical Industries Australia Pty Limited	2021102579	Gupta, N.; Jindal, L.; Singh, P.; Dhar, R.S.; Dabade, T.D.; Arya, N.; V.K, R.; Kumar, A.; Jaiswar, R.; Tyagi, A.; Chourasia, S.; Sharma, A.; Giramkar, S.A.; Saxena, A.; G., P.; H.R., S.
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2021102562	Fudan University	2021102583	University of Electronic Science and Technology of China, Zhongshan Institute
2021102563	Hezhou University	2021102584	University of Electronic Science and Technology of China, Zhongshan Institute
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Applications with amended filing dates Reg 3.5(A).

2021102266 **Southwest University** The filing date has been amended to 12.05.2021

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
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28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
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C	Applications on which examination has been requested or on which an examination report has been issued
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2020

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2021

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 2021101656 (12AN) 2021201413 (1B) 2021900798 (12AN)

Complete Specifications Treated as Provisional Specifications, Section 37

2020

2020203435 **King, P.; Lo, C.** Provisional Number: 2020904881

2020227009 **Itronics Limited** Provisional Number: 2020904880

Assignments before Grant, Section 113

2014

2014900408 Fitness Engineers Pty Ltd The application has been assigned to **F45 Training Pty Ltd**

2014904426 Fitness Engineers Pty Ltd The application has been assigned to **F45 Training Pty Ltd**

2014905231 Fitness Engineers Pty Ltd The application has been assigned to **F45 Training Pty Ltd**

2015

2015218169 Fitness Engineers Pty Ltd The application has been assigned to **F45 Training Pty Ltd**

2015286663 Stichting Katholieke Universiteit The application has been assigned to **Stichting Radboud Universitair Medisch Centrum**

2015384137 DYNOMAX DRILLING TOOLS USA, INC. The application has been assigned to **Dynomax Drilling Tools Inc. (Canada)**

2015902365 Fitness Engineers Pty Ltd The application has been assigned to **F45 Training Pty Ltd**

2016

2016202967 Crown Melbourne Limited The application has been assigned to **Club Gaming Pty Ltd**

2016252884 Van Dyke, Scott; Mullis, Brian; Kanakaris, Nikolaos; Haidukewych, George J.; Liporace, Frank; Inoue, Hisayoshi; Kinugasa,

Assignments before Grant, Section 113

Kiyoto The application has been assigned to **Biomet Manufacturing, LLC**

2016270375 National Yang-Ming University; OP Nano Co., Ltd.; Chang Gung Medical Foundation Keelung Chang Gung Memorial Hospital The application has been assigned to **Chang Gung Medical Foundation Keelung Chang Gung Memorial Hospital**

2016338552 Agios Pharmaceuticals, Inc The application has been assigned to **Les Laboratoires Servier SAS**

2016338557 Agios Pharmaceuticals, Inc.; Celgene Corporation The application has been assigned to **Les Laboratoires Servier SAS; Celgene Corporation**

2016363011 Agios Pharmaceuticals, Inc. The application has been assigned to **Les Laboratoires Servier SAS**

2016369519 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2016393870 Agios Pharmaceuticals, Inc.; Celgene Corporation The application has been assigned to **Les Laboratoires Servier SAS; Celgene Corporation**

2017

2017323898 CuroGene Life Sciences Co., Ltd. The application has been assigned to **CdmoGen Co., Ltd.**

2017363308 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2017370264 Guangdong Xiangxue Life Sciences, Ltd. The application has been assigned to **XLIFESC, LTD.**

2017383126 Titan Trailers Inc.; Kloefer, Michael The application has been assigned to **Titan Trailers Inc.**

2017425816 Huawei Technologies Co., Ltd. The application has been assigned to **Honor Device Co., Ltd.**

2017441729 Huawei Technologies Co., Ltd. The application has been assigned to **Honor Device Co., Ltd.**

2018

2018254526 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2018262888 Novartis AG The application has been assigned to **Alcon Inc.**

2018266705 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2018279627 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2018312443 Citibank, N.A. The application has been assigned to **Proximity Limited**

Assignments before Grant, Section 113

2018312508 Technische Universität Dresden The application has been assigned to **Morpheus Space GmbH**

2018318303 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2018328220 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2018348165 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2018356076 CuroGene Life Sciences Co., Ltd.; Lee, Steven Hyun Seung The application has been assigned to **CdmoGen Co., Ltd.; Lee, Steven Hyun Seung**

2018373154 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2018388404 Ravenna Pharmaceuticals, Inc. The application has been assigned to **HiberCell Inc.**

2018388406 Ravenna Pharmaceuticals, Inc. The application has been assigned to **HiberCell Inc.**

2018392816 Ravenna Pharmaceuticals, Inc. The application has been assigned to **HiberCell Inc.**

2018393169 Huawei Technologies Co., Ltd. The application has been assigned to **Honor Device Co., Ltd.**

2018395397 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2018442451 Best Pacific Textile Ltd. The application has been assigned to **NexTex Innovations Incorporation Limited**

2019

2019201179 Agios Pharmaceuticals, Inc. The application has been assigned to **Les Laboratoires Servier SAS**

2019214519 Enzyvant Therapeutics GmbH The application has been assigned to **Aceragen, Inc.**

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

2019227813 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2019244477 Enzyvant Therapeutics GmbH The application has been assigned to **Aceragen, Inc.**

2019275070 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2019275072 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

Assignments before Grant, Section 113

2019280068 Medeon Biodesign, Inc. The application has been assigned to **Terumo Medical Corporation**

2019283951 Agios Pharmaceuticals, Inc. The application has been assigned to **Les Laboratoires Servier SAS**

2019322919 Gritstone Oncology, Inc. The application has been assigned to **Gritstone Bio, Inc.**

2019356038 ASCO Biegetechnik GmbH The application has been assigned to **ASCO Coiltechnik GmbH**

2019360212 EMED Technologies Corporation The application has been assigned to **Bio Health Frontiers, Inc.**

2019362890 EMED Technologies Corporation The application has been assigned to **Bio Health Frontiers, Inc.**

2019375541 Unilin BV The application has been assigned to **Flooring Industries Limited, SARL**

2019384735 Pruskauer, Mark Alan The application has been assigned to **Airo Industries, Inc.**

2020

2020204635 Huawei Technologies Co., Ltd. The application has been assigned to **Honor Device Co., Ltd.**

2020250304 Housing Solutions Asia Pte Ltd The application has been assigned to **ACI Intellectual Holdings Pty Ltd**

2020289863 The Nielsen Company (US), LLC The application has been assigned to **Roku, Inc.**

2020901536 University of Canberra The application has been assigned to **Australian HoneyBee Pty Ltd**

2020901794 Dust to DNA Foundation Pty Ltd The application has been assigned to **GGF GLOBAL GENOMICS PTY LIMITED**

2020902518 Fitch, Christopher Luke The application has been assigned to **Fitch IP Holding Pty Ltd**

2020903607 MENZIES, Stuart The application has been assigned to **LifeHash Inc.**

2021

2021201776 The Nielsen Company (US), LLC The application has been assigned to **Roku, Inc.**

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

2021202377 Sunpower Corporation The application has been assigned to **Maxeon Solar Pte. Ltd.**

Extensions of Time, Section 223

Applications Received

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

2015

2015252052 **Tinley, D.** An application to extend the time from 03 Nov 2020 to 03 Jun 2021 in which to pay a renewal fee has been filed . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2016

2016285895 **VisionGate, Inc.** An application to extend the time from 19 Jun 2021 to 19 Oct 2021 in which to gain acceptance has been filed . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2016331934 **Wellisch, A.; Wellisch, J.; Sullivan, D.; Heenan, J.** An application to extend the time from 30 Sep 2020 to 30 Apr 2021 in which to pay a continuation fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017

2017268701 **Transpiro Pty Ltd** An application to extend the time from 22 Nov 2020 to 22 May 2021 in which to request examination has been filed . Address for service - Patenteur Pty Ltd Amberley Business Centre IBM Building L 3 1060 Hay St West Perth WA 6005 AU

2017302022 **Lashify, Inc.** An application to extend the time from 28 Feb 2019 to 28 Jan 2021 in which to enter the national phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2016

2016269707 **Sanofi-Aventis Deutschland GmbH** in which to file a Notice of Opposition 10 Apr 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016325992 **Bibas, Charles** The time in which to pay a renewal fee has been extended to 13 Mar 2021 . Address for service - charles BIB-AS C/O Kanalysis 111 Eagle Street, Level 54 Brisbane QLD 4000 AU

2017

2017299584 **Shifamed Holdings, LLC** The time in which to request examination has been extended to 05 Apr 2021 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

2019

2019291277 **NEUROCENTRX PHARMA LTD.** The time in which to enter the National Phase has been extended to 18 Apr 2021 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

2019320082 **EPHEMERAL SOLUTIONS, INC.** The time in which to enter the National Phase has been extended to 10 May 2021 . Address

Extensions of Time, Section 223

for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2020

2020201384 **GENEVANT SCIENCES GMBH** The time in which to pay the continuation fee has been extended to 28 Feb 2021 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2020201489 **Bluebird Bio, Inc.** The time in which to pay the continuation fee has been extended to 05 Jan 2021 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

Amendments

Applications for Amendment

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

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

2014

2014253680 Terminal and disconnection link **Pivot Electronics Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 26 Apr 2021 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2014377624 Inline pump assembly and method **Holley Performance Products, Inc.** The nature of the amendment is as shown in the statement(s) filed 11 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015306075 A pain assessment method and system **Electronic Pain Assessment Technologies (epat) Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 11 May 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2015308897 E. coli-based production of beta-lactamase **Synthetic Biologics, Inc.** The nature of the amendment is: Amend the name of the inventor to read Bristol, Andrew; Kaleko, Michael and Hubert, Steven . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2015355675 Energy absorbing apparatus **Eddy Current Limited Partnership** The nature of the amendment is as shown in the statement(s) filed 28 Apr 2021 . Address for service - CreateIP PO Box 21445 Edgeware Christchurch 8143 NZ

2016

2016308801 System and method for cleaning wine and/or a barrel containing wine **Ariel-University Research and Development Company Ltd.** The nature of the amendment is as shown in the

Amendments

statement(s) filed 05 Feb 2020 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2016336050 Stabilizing system for a knee brace **Spring Loaded Technology Incorporated** The nature of the amendment is as shown in the statement(s) filed 19 May 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2016339957 Articles and methods for preparing a surface for obtaining a patient sample **Opko Diagnostics, LLC** The nature of the amendment is as shown in the statement(s) filed 21 May 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016341969 Conduit for filling a fluid reservoir and methods for filling a fluid reservoir **Bobrick Washroom Equipment, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 May 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2016349148 1,4-dicarbonyl-piperidyl derivatives **Merck Patent GmbH** The nature of the amendment is as shown in the statement(s) filed 13 May 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017

2017333548 Method for synthesizing novel chiral ligand, metal chelate, a variety of non-natural amino acids, maraviroc and key intermediate thereof **Shanghai Institute of Materia Medica, Chinese Academy of Sciences** The nature of the amendment is as shown in the statement(s) filed 10 May 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017360666 Method for preparing electrocompetent yeast cells, and method for using said cells **Immatics Biotechnologies GmbH** The nature of the amendment is as shown in the statement(s) filed 11 May 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017373740 Novel T cell receptors and immune therapy using the same **Immatics Biotechnologies GmbH** The nature of the amendment is as shown in the statement(s) filed 11 May 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017377672 Estimation of spatial profile of environment **Baraja Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 12 May 2021 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2018

2018207099 Method of estimating blood volume **Cypher Medical, LLC** The nature of the amendment is: Amend the name of the inventor to read Carew, Christopher and Ling, Jian . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2018258947 Process for the manufacture of vortioxetine HBr alpha-form **H. Lundbeck A/S** The nature of the amendment is as shown in the statement(s) filed 13 May 2021 . Address for service -

Amendments

Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2018264081 Artificial nucleic acid molecules for improved protein or peptide expression **CureVac AG** The nature of the amendment is as shown in the statement(s) filed 13 May 2021 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2018317812 Novel tetrazole compounds and their use in the treatment of tuberculosis **GlaxoSmithKline Intellectual Property Development Limited** The nature of the amendment is as shown in the statement(s) filed 10 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018388719 Intermediated retrieval of networked content **Citrix Systems, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 May 2021 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2019

2019204586 ANTI-CTLA-4 ANTIBODIES AND METHODS OF USE THEREOF **AGENUS INC. ; LUDWIG INSTITUTE FOR CANCER RESEARCH LTD ; MEMORIAL SLOAN KETTERING CANCER CENTER** The nature of the amendment is as shown in the statement(s) filed 13 May 2021 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2019216724 Compositions and methods for dengue virus chimeric constructs in vaccines **Takeda Vaccines, Inc. ; The Government of The United States of America as represented by The Secretary of Department of Health and Human Services** The nature of the amendment is as shown in the statement(s) filed 20 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2020

2020104176 Chirality detection system **Shanghai Jiao Tong University** The nature of the amendment is: Amend the name of the inventor to read LYU, Ziyao and WANG, Changshun . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2020104422 Rock true triaxial dynamic compression-shear test equipment and method under deep complex structure conditions **Deep Mining Laboratory Branch of Shandong Gold Mining Technology Co., Ltd. ; ZHANG , X.** The nature of the amendment is: Amend the name of the inventor to read ZHANG, Xiwei; LIU, Huanxin; CHEN, Yumin; WANG, Jianbo; DU, Shuhao; HOU, Kuikui; LIU, Yang; LI, Guilin; ZHU, Mingde; WANG, Xi and WU, Qinzhen . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2020202331 Therapeutic compounds useful for the prophylactic or therapeutic treatment of an HIV virus infection **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 11 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Amendments Made

2004

2004264886 **Otsuka Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 10 Feb 2021

Amendments

2013

2013222021 **Illinois Tool Works Inc.** The nature of the amendment is as shown in the statement filed 19 Jan 2021

2014

2014287005 **The Children's Hospital of Philadelphia** The nature of the amendment is as shown in the statement filed 23 Feb 2021

2015

2015261278 **Sun Pharmaceutical Industries (Australia) Pty Limited; The University of York** The nature of the amendment is as shown in the statements filed 08 Jan 2021 and 11 Jan 2021

2015315007 **Seagen Inc.** The nature of the amendment is as shown in the statement filed 24 Feb 2021

2015358566 **The Government of the United States as represented by The Secretary of the Army; 60 Degrees Pharmaceuticals, LLC** The nature of the amendment is: Amend the name of the inventor to read Smith, Bryan L.; Jones, John P.; Shmuklarsky, Moshe; Budda, Balasubrahmanyam and Dow, Geoffrey S.

2016

2016102461 **Société des Produits Nestlé S.A.** The nature of the amendment is as shown in the statement filed 28 Apr 2021

2016250542 **Medline Industries, Inc.** The nature of the amendment is as shown in the statement filed 17 Feb 2021

2016326721 **Cytoimmune Therapeutics, LLC** The nature of the amendment is as shown in the statement filed 24 Feb 2021

2017

2017246452 **The Regents of the University of Michigan** The nature of the amendment is as shown in the statement filed 23 Feb 2021

2017257185 **Ophirex, Inc.** The nature of the amendment is: Amend the invention title to read PLA2 inhibitors for immediate treatment of hymenoptera envenomation, its complications and pathological conditions causing hemolysis, kidney damage, or cerebral edema

2017276325 **Anglo American Services (UK) Ltd** The nature of the amendment is: Amend the invention title to read Reducing The Need For Tailings Storage Dams In The Iron Ore Industry

2017285894 **Komatsu Forest AB** The nature of the amendment is: Amend the invention title to read Hose guiding device for a crane tool

2017331380 **Merck Sharp & Dohme Corp.; Merck Sharp & Dohme B.V.** The nature of the amendment is as shown in the statement filed 24 Feb 2021

2017432420 **Sun Yat-Sen University** The nature of the amendment is: Amend the invention title to read USE OF AMD3100 IN THE PREPARATION OF A DRUG FOR THE TREATMENT AND/OR PREVENTION OF CACHEXIA, AND PHARMACEUTICAL COMPOSITION THEREOF

Amendments

2018

2018202773 **Passi, H.** The nature of the amendment is: Amend the name of the inventor to read Passi, Hemant

2018231623 **PreviPharma Consulting GmbH** The nature of the amendment is: Amend the name of the inventor to read Welz, Ricarda; Gerding, Hanne Rieke; Mazur, Marc; Kiessig, Stephan T. and Karges, Hermann E.

2018238187 **Honeycomb Media Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102213

2018303670 **Bear Archery, Inc.** The nature of the amendment is: Amend the name of the inventor to read LANGLEY, Timothy W. and KARCHER, Daniel

2018361828 **Discuva Ltd.** The nature of the amendment is: Amend the name of the inventor to read MEO, Paul; KHAN, Mohammed Nawaz and CHARRIER, Cedric

2018444272 **Waboba AB** The nature of the amendment is as shown in the statement filed 20 Apr 2021

2018453648 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read CENTRIFUGAL FAN, AIR-SENDING DEVICE, AIR-CONDITIONING APPARATUS, AND REFRIGERATION CYCLE APPARATUS

2019

2019200392 **Accelerated BioSciences Corp.** The nature of the amendment is as shown in the statement filed 23 Feb 2021

2019202884 **Shire Human Genetic Therapies, Inc.** The nature of the amendment is as shown in the statement filed 12 Feb 2021

2019210591 **Base Air Management Limited** The nature of the amendment is: Amend the name of the inventor to read VAUGHAN, Matthew; CALAWAY, Joseph; LEWIS, David Bryan and ARRANTS, George

2019213441 **Apple Inc.** The nature of the amendment is as shown in the statement filed 23 Feb 2021

2019216757 **The Johns Hopkins University; Institute of Organic Chemistry and Biochemistry AS CR v.v.i.** The nature of the amendment is: Amend the name of the inventor to read SLUSHER, Barbara; RAIS, Rana; RIGGINS, Gregory; MAJER, Pavel; TICHY, Tomas; VAVRA, Jan; JANCARIK, Andrej and TENORA, Lukas

2019222781 **Société des Produits Nestlé S.A.** The nature of the amendment is: Amend the name of the inventor to read Camacho, Susana; Michlig Gonzalez, Stephanie; Le Coutre, Johannes; Markram, Henry and Pezzoli, Maurizio

2019257651 **Vertex Pharmaceuticals Incorporated** The nature of the amendment is: Amend the name of the inventor to read LAUFFER, David J.; BEMIS, Guy; BOYD, Michael; DEININGER, David; DENG, Hongbo; DORSCH, Warren; GU, Wenxin; HOOVER, Russell R.; JOHN-SON JR., Mac Arthur; LEDEBOER, Mark Willem; LEDFORD, Brian; MALTAIS, Francois; PENNEY, Marina; TAKEMOTO, Darin; WAAL, Nathan D.; WANG, Tiansheng and LI, Pan

Amendments

2019284126 **Copper Trading Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2019101800

2019321697 **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is as shown in the statement filed 11 May 2021

2019331041 **Crowd Charge Limited** The nature of the amendment is as shown in the statement filed 11 May 2021

2019339356 **IHI Corporation** The nature of the amendment is: Amend the invention title to read Combustion device and boiler

2019339439 **Mansell, J.** The nature of the amendment is as shown in the statement filed 11 May 2021

2019351179 **Vivo Mobile Communication Co.,Ltd.** The nature of the amendment is: Amend the invention title to read Method for Determining Occupancy Time of Channel State Information CSI Processing Unit, and Terminal Device

2019357100 **Gree Electric Appliances, Inc. of Zhuhai** The nature of the amendment is: Amend the invention title to read DC HOME POWER CONSUMPTION SYSTEM AND WIRING METHOD FOR HOME APPLIANCES BASED ON THE SYSTEM

2019358592 **Ayr Ltd** The nature of the amendment is as shown in the statement filed 07 May 2021

2019362849 **Dana-Farber Cancer Institute, Inc.; Voronoi Inc.** The nature of the amendment is: Amend the name of the inventor to read GRAY, Nathanael S.; HATCHER, John; CHOI, Jieun; CHOI, Hwangeun; KO, Eunhwa and KIM, Namdoo

2019369562 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read Film for Coating Metal Sheet and Resin Coated Metal Sheet

2019369689 **Kawasaki Jukogyo Kabushiki Kaisha; TB Global Technologies Ltd.** The nature of the amendment is: Amend the invention title to read EMERGENCY RELEASE MECHANISM FOR FLUID LOADING EQUIPMENT

2019371400 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is: Amend the name of the inventor to read QI, Jun and DURBIN, Adam D.

2019374584 **Asahi Kasei Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Method of producing hydrogen

2019377749 **The Catholic University of Korea Industry-Academic Cooperation Foundation** The nature of the amendment is as shown in the statement filed 28 Apr 2021

2019382463 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATIONS METHOD AND APPARATUS

Amendments

2019383529 **Micro-Tech (Nanjing) Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2019101801

2019394434 **Tineco Intelligent Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND SYSTEM FOR REMINDING REPLACEMENT OF FILTER OF VACUUM CLEANER AND VACUUM CLEANER

2019396425 **Algorand Inc.** The nature of the amendment is as shown in the statement filed 22 Apr 2021

2019398304 **Bitdefender IPR Management Ltd** The nature of the amendment is: Amend the invention title to read SYSTEMS AND METHODS FOR BEHAVIORAL THREAT DETECTION

2019416768 **"Aquabreather" LLC** The nature of the amendment is: Amend the invention title to read Individual self-contained breathing apparatus of closed cycle for underwater submergence

2019424510 **Advanced New Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read ELECTRONIC-CERTIFICATE-BASED INTERACTION METHODS AND APPARATUS, AND ELECTRONIC DEVICES

2020

2020104417 **Homewood, D.** The nature of the amendment is as shown in the statement filed 19 Apr 2021

2020214760 **Kumiai Chemical Industry Co., Ltd.** The nature of the amendment is: Amend the invention title to read Methods for producing nitroso compound and quinoxaline compound

2020323957 **Nanjing Forestry University** The nature of the amendment is: Application is to proceed under the number 2020104425

2020324701 **Toppan Printing Co., Ltd.** The nature of the amendment is: Amend the invention title to read Curing agent, two-component adhesive, adhesive composition, cured product, laminate and method for producing same, packing material, and package

2021

2021101785 **Nanjing Hydraulic Research Institute** The nature of the amendment is as shown in the statement filed 13 Apr 2021

2021102356 **Facaris, M.** The nature of the amendment is: Application is to proceed under number 2021203204

2021202593 **Ningbo Casualway Leisure Products Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2021102827

2021202755 **ALLEN, W.J.** The nature of the amendment is: Application is to proceed under the number 2021102669

2021901365 **Jayaram, N.** The nature of the amendment is: Amend the invention title to read OFFSHORE FLOATING SOLAR POWER PLANT AND METHOD OF DEPLOYMENT

Amendments

2021901382 **Ayache, K.** The nature of the amendment is: Amend the invention title to read Blockchain Digital Funding Management System

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

2006

2006318865 Gelexir Healthcare Limited The name of the patentee has been altered to **Gelmetix Limited**

2010

2010245162 Guangdong High-Altitude Wind Power Technology Ltd The name of the patentee has been altered to **Guangdong High-Altitude Wind Power Technology Ltd**

2010319724 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2010319728 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2010319730 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2010319732 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2013

2013221187 VLP Therapeutics, LLC The name of the patentee has been altered to **VLP Therapeutics, Inc.**

2013290552 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2013290553 Flanders Electric Motor Service, Inc.; Claxton, Richard The name of the patentee has been altered to **Flanders Electric Motor Service, LLC; Claxton, R.**

2014

2014275772 VLP Therapeutics, LLC The name of the patentee has been altered to **VLP Therapeutics, Inc.**

2015

2015200749 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2015201830 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2015201831 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2015201832 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2015204075 CranioVation, Inc. The name of the patentee has been altered to **Alpheus Medical, Inc.**

Amendments

2015247635 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2015308618 Corium International, Inc. The name of the applicant has been altered to **Corium, Inc.**

2015313650 VLP Therapeutics, LLC The name of the applicant has been altered to **VLP Therapeutics, Inc.**

2016

2016246457 Cytoimmune Therapeutics, LLC The name of the patentee has been altered to **Cytoimmune Therapeutics, Inc.**

2016326721 Cytoimmune Therapeutics, LLC The name of the applicant has been altered to **Cytoimmune Therapeutics, Inc.**

2016413933 Eyeon Particle Sciences LLC The name of the applicant has been altered to **Calm Water Therapeutics LLC**

2017

2017209194 Axonics Modulation Technologies, Inc. The name of the applicant has been altered to **Axonics, Inc.**

2017212551 Axonics Modulation Technologies, Inc. The name of the applicant has been altered to **Axonics, Inc.**

2017218157 Axonics Modulation Technologies, Inc. The name of the applicant has been altered to **Axonics, Inc.**

2017248445 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2018

2018217872 Orthogenics As The name of the applicant has been altered to **Lyfstone AS**

2018239824 Media Device Limited The name of the applicant has been altered to **Earshots Limited**

2018388071 VLP Therapeutics, LLC The name of the applicant has been altered to **VLP Therapeutics, Inc.**

2019

2019206072 Flanders Electric Motor Service, Inc. The name of the patentee has been altered to **Flanders Electric Motor Service, LLC**

2019224043 Axonics Modulation Technologies, Inc. The name of the applicant has been altered to **Axonics, Inc.**

2019264639 Wessex Engineering & Construction Services Limited The name of the applicant has been altered to **Turnbull Infrastructure & Utilities Limited**

2019293714 CureVac AG; Tesla Grohmann Automation GmbH The name of the applicant has been altered to **CureVac AG; Tesla Automation GmbH**

Amendments

2019325620 Rocket Crafters Propulsion LLC The name of the applicant has been altered to **Rocket Crafters, Inc.**

2019348038 Turncare, Inc. The name of the applicant has been altered to **TurnCare, Inc.**

2019359306 Agbiome, Inc. The name of the applicant has been altered to **AgBiome, Inc.**

2019362576 KHR Biotec GmbH (I. GR.) The name of the applicant has been altered to **KHR Biotec GmbH**

2019374832 EcoTech Marine, LLC The name of the applicant has been altered to **Ecotech, LLC**

2020

2020901613 Australian Performance Vehicles Pty Ltd The name of the applicant has been altered to **APV Corporation Pty Ltd**

2020902481 Nanosonics Ltd The name of the applicant has been altered to **Saban Ventures Pty Limited**

2021

2021201329 Cytoimmune Therapeutics, LLC The name of the applicant has been altered to **Cytoimmune Therapeutics, Inc.**

2021202527 XIAMEN OAMIC BIOTECH CO., LTD The name of the applicant has been altered to **XIAMEN OAMIC BIOTECHNOLOGY CO., LTD**

2021202702 Regeneron Pharmaceuticals, Inc. The name of the applicant has been altered to **Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.**

2021900804 Deeper Technologies Australia Pty Ltd The name of the applicant has been altered to **Portfolio4 Pty Ltd**

2021901268 THOMAS CLARENCE HODGSON; Oakley, Simon The name of the applicant has been altered to **THOMAS CLARENCE HODGSON; Oakley, S.**

2021901366 CSL Behring GmbH The name of the applicant has been altered to **Universitaet Zuerich; CSL Behring AG**

Applications Open to Public Inspection

Name Index

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

(71) AbbVie Inc.
(11) AU-A-2021202954
(21) 2021202954 (22) 10.05.2021
(54) Prolactin receptor binding proteins and uses thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(43) 03.06.2021
(62) 2019202725
(72) ANDERSON, Mark; WANG, Jieyi; THAKUR, Archana; CHAO, Debra; HSIEH, Chung-Ming; ZHANG, Qian; REILLY, Edward B.; DIGIAMMARINO, Enrico L.; LONGENECKER, Kenton L.; JUDGE, Russell A.; EGAN, David A.; HUTCHINS, Charles W.
(74) Spruson & Ferguson

(71) Acres Technology
(11) AU-A-2021202979
(21) 2021202979 (22) 11.05.2021
(54) Method and Apparatus for Communicating Information about Networked Gaming Machines to Players
(51) Int. Cl.
A63F 13/79 (2014.01)
A63F 13/60 (2014.01)
G07F 17/32 (2006.01)
G07F 17/36 (2006.01)
(43) 03.06.2021
(62) 2015234320
(72) Acres, John F.
(74) Golja Haines & Friend

(71) Aders, A.
(11) AU-A-2021202951
(21) 2021202951 (22) 10.05.2021
(54) Technologies for transportation
(51) Int. Cl.
A63C 17/12 (2006.01)
(43) 03.06.2021
(62) 2019246809
(72) ADERS, Aaron Benjamin
(74) Spruson & Ferguson

(71) Adimab, LLC
(11) AU-A-2021202876
(21) 2021202876 (22) 06.05.2021
(54) Rationally designed, synthetic antibody libraries and uses therefor
(51) Int. Cl.
C07K 16/00 (2006.01)
C12N 15/13 (2006.01)

(43) 03.06.2021
(62) 2019204933
(72) Vasquez, Maximiliano; Feldhaus, Michael; Gerngross, Tillman U.; Wittrup, K. Dane
(74) FB Rice Pty Ltd

(71) Agriculture Victoria Services Pty Ltd
(11) AU-A-2021202922
(21) 2021202922 (22) 07.05.2021
(54) DESIGNER ENDOPHYTES (4)
(51) Int. Cl.
C12N 1/14 (2006.01)
A01H 15/00 (2006.01)
C12R 1/645 (2006.01)
(43) 03.06.2021
(61) 2011204749
(62) 2018253591
(72) Spangenberg, German Carlos; Guthridge, Kathryn Michaela; Forster, John White; Sawbridge, Timothy Ivor; Ludlow, Emma Jane Isobel; Kaur, Jatinder; Rochfort, Simone Jane; Rabinovich, Maia Andrea; Ekanayake, Piyumi
(74) Jones Tulloch

(71) AiCuris GmbH & Co. KG
(11) AU-A-2021202942
(21) 2021202942 (22) 10.05.2021
(54) A maleate salt of the free base of N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]-acetamide, pharmaceutical formulations, methods of manufacture and uses thereof for the treatment of herpes viruses
(51) Int. Cl.
C07D 417/12 (2006.01)
A61K 31/4427 (2006.01)
A61P 31/22 (2006.01)
(43) 03.06.2021
(62) 2017365639
(72) Bachhav, Yogeshwar; Schwab, Wilfried; Birkmann, Alexander; Bonsmann, Susanne; Goldner, Thomas
(74) Davies Collison Cave Pty Ltd

(71) Alector LLC
(11) AU-A-2021202840
(21) 2021202840 (22) 05.05.2021
(54) Anti-TREM2 antibodies and methods of use thereof
(51) Int. Cl.
A61K 39/395 (2006.01)
(43) 03.06.2021
(62) 2015300787
(72) MONROE, Kate; SCHWABE, Tina; AVOGADRI-CONNORS, Francesca;

TASSI, Ilaria; LAM, Helen; ROSENTHAL, Arnon
(74) Griffith Hack

(71) Allegion (Australia) Pty Ltd
(11) AU-A-2020267244
(21) 2020267244 (22) 12.11.2020
(54) Single beak sliding door mechanism
(51) Int. Cl.
E05C 3/04 (2006.01)
E05B 13/00 (2006.01)
E05B 15/02 (2006.01)
E05B 65/08 (2006.01)
(31) 2019904357 (32) 19.11.19 (33) AU
(43) 03.06.2021
(72) Gang Li,
(74) Spruson & Ferguson

(71) Allegion (Australia) Pty Ltd
(11) AU-A-2020267245
(21) 2020267245 (22) 12.11.2020
(54) Strike plate
(51) Int. Cl.
E05B 15/02 (2006.01)
E05B 13/00 (2006.01)
E05B 17/20 (2006.01)
E05B 57/00 (2006.01)
E05B 65/08 (2006.01)
E05C 3/04 (2006.01)
(31) 2019904358 (32) 19.11.19 (33) AU
(43) 03.06.2021
(72) Li, Gang
(74) Spruson & Ferguson

Allen, C.J. see Le Dévédec, F.
(21) 2021202965

(71) ALSTOM Transport Technologies
(11) AU-A-2020267200
(21) 2020267200 (22) 11.11.2020
(54) Method, system, and computer-readable medium comprising software code for communicating data from a transmitter to a receiver via a physical transmission medium, and related railway track circuit
(51) Int. Cl.
H04B 17/21 (2015.01)
H04B 3/06 (2006.01)
H04B 3/46 (2015.01)
(31) 16/686,533 (32) 18.11.19 (33) US
(43) 03.06.2021
(72) Ross, John; Fries, Jeffrey
(74) Davies Collison Cave Pty Ltd

(71) Amazon Technologies, Inc.
(11) AU-A-2021202847
(21) 2021202847 (22) 05.05.2021

Applications Open to Public Inspection - Name Index cont'd

(54) CENTRALIZED NETWORKING CONFIGURATION IN DISTRIBUTED SYSTEMS

(51) Int. Cl.
G06F 11/00 (2006.01)
 (43) 03.06.2021
 (62) 2019208140
 (72) Lissack, Avichai Mendle
 (74) Phillips Ormonde Fitzpatrick

(71) Angel Playing Cards Co., Ltd.
 (11) AU-A-2020267196
 (21) 2020267196 (22) 11.11.2020
 (54) Game system
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 2019-206359 (32) 14.11.19 (33) JP
 (43) 03.06.2021
 (72) Shigeta, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Angel Playing Cards Co., Ltd.
 (11) AU-A-2021202805
 (21) 2021202805 (22) 04.05.2021
 (54) Management system of gaming chips and storage box
 (51) Int. Cl.
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
A63F 9/00 (2006.01)
A63F 11/00 (2006.01)
G07D 9/00 (2006.01)
G07F 17/32 (2006.01)
 (43) 03.06.2021
 (62) 2017389188
 (72) Shigeta, Yasushi
 (74) FB Rice Pty Ltd

(71) Angel Playing Cards Co., Ltd.
 (11) AU-A-2021202868
 (21) 2021202868 (22) 06.05.2021
 (54) Management system of gaming chips and storage box
 (51) Int. Cl.
A63F 1/10 (2006.01)
G07F 17/32 (2006.01)
 (43) 03.06.2021
 (62) 2019219763
 (72) SHIGETA, Yasushi
 (74) FB Rice Pty Ltd

(71) Apple Inc.
 (11) AU-A-2021202797
 (21) 2021202797 (22) 04.05.2021
 (54) Context-specific user interfaces
 (51) Int. Cl.
G06F 3/00 (2006.01)
 (43) 03.06.2021
 (62) 2019208225
 (72) KO, Heena; AGNOLI, Giovanni M.; CHEN, Kevin Will; FORD, Joshua R.; FOSS, Christopher Patrick; GUZMAN, Aurelio; LEMAY, Stephen O.; SUNDSTROM, Matthew J.; WEINBERG, Joshua; WILSON, Christopher; SCHIMON, David
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2021202834
 (21) 2021202834 (22) 05.05.2021
 (54) Techniques for managing display usage
 (51) Int. Cl.
G09G 5/10 (2006.01)
 (43) 03.06.2021
 (62) 2020309093
 (72) GUZMAN, Aurelio; AGNOLI, Giovanni M.; BUTCHER, Gary Ian; CHAO, Edward; CHEN, Kevin Will; DYE, Alan C.; EDWARDS, Dylan Ross; FELTON, Nicholas; LEMAY, Stephen O.; NIE, Yiqiang; PAGE, Pani; SUNDSTROM, Matthew J.; WEISS, Jacob Z.; WILLIAMS, Aled Hywel; WILSON, Christopher; LYNCH, Kevin
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2021202836
 (21) 2021202836 (22) 05.05.2021
 (54) Techniques for managing display usage
 (51) Int. Cl.
G09G 5/10 (2006.01)
 (43) 03.06.2021
 (62) 2020309093
 (72) GUZMAN, Aurelio; AGNOLI, Giovanni M.; BUTCHER, Gary Ian; CHAO, Edward; CHEN, Kevin Will; DYE, Alan C.; EDWARDS, Dylan Ross; FELTON, Nicholas; LEMAY, Stephen O.; NIE, Yiqiang; PAGE, Pani; SUNDSTROM, Matthew J.; WEISS, Jacob Z.; WILLIAMS, Aled Hywel; WILSON, Christopher; LYNCH, Kevin
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2021202903
 (21) 2021202903 (22) 07.05.2021
 (54) Gesture based graphical user interface for managing concurrently open software applications
 (51) Int. Cl.
G06F 9/44 (2018.01)
G06F 3/048 (2013.01)
 (43) 03.06.2021
 (62) 2019204750
 (72) CHAUDHRI, Imran
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2021202959
 (21) 2021202959 (22) 10.05.2021
 (54) User interface for managing access to credentials for use in an operation
 (51) Int. Cl.
G06F 21/30 (2013.01)
 (43) 03.06.2021
 (62) 2019250143
 (72) VAN OS, Marcel; WONG, Chun Kin Minor; SEPULVEDA, Raymond S.; COFFMAN, Patrick L.; ANTON, Peter

D.; CRANFILL, Elizabeth Caroline Furches

(74) FPA Patent Attorneys Pty Ltd

(71) Arbutus Biopharma Corporation
 (11) AU-A-2021202944
 (21) 2021202944 (22) 10.05.2021
 (54) SCREENING METHOD FOR SELECTED AMINO LIPID-CONTAINING COMPOSITIONS
 (51) Int. Cl.
A61K 9/127 (2006.01)
G01N 33/50 (2006.01)
 (43) 03.06.2021
 (62) 2020202468
 (72) CIUFOLINI, Marco; MADDEN, Thomas D.; HOME, Michael J.; MUI, Barbara; DE FOUGEROLLES, Antonin; NOVOBRANTSEVA, Tatiana; BORODOVSKY, Anna; AKINC, Akin; TRACY, Mark; CULLIS, Pieter Rutter
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2021202843
 (21) 2021202843 (22) 05.05.2021
 (54) ELECTRONIC GAMING MACHINE REWARD SYSTEM AND METHOD
 (51) Int. Cl.
A63F 9/24 (2006.01)
 (31) 17/260,780 (32) 15.01.21 (33) US
 (43) 03.06.2021
 (62) PCT/US2019/052846
 (72) PALMISANO, Angelo
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2021202856
 (21) 2021202856 (22) 05.05.2021
 (54) SYSTEMS AND METHODS FOR PROVIDING DYNAMIC REWARDS
 (51) Int. Cl.
G06Q 30/00 (2012.01)
 (31) 17/058,548 (32) 24.11.20 (33) US
 (43) 03.06.2021
 (62) PCT/US2019/053407
 (72) PALMISANO, Angelo; POTOKAR, Jennifer
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2021202858
 (21) 2021202858 (22) 05.05.2021
 (54) SYSTEMS, APPARATUS, AND METHODS FOR UNLOCKING HIGHER RTP GAMES
 (51) Int. Cl.
G07F 17/00 (2006.01)
 (31) 17/058,531 (32) 24.11.20 (33) US
 (43) 03.06.2021
 (62) PCT/US2019/053398
 (72) PALMISANO, Angelo
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2021202860

Applications Open to Public Inspection - Name Index cont'd

(21) 2021202860 (22) 05.05.2021
(54) SYSTEM AND METHOD FOR CHANGING BEACON IDENTIFIERS FOR SECURE MOBILE COMMUNICATIONS
(51) Int. Cl.
A63F 9/24 (2006.01)
(31) 17/262,178 (32) 21.01.21 (33) US
(43) 03.06.2021
(62) PCT/US2019/053823
(72) PALMISANO, Angelo; TAYLOR, Eric; SANTISI, Steven
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2020244446
(21) 2020244446 (22) 29.09.2020
(54) GAMING DEVICE WITH DYNAMICALLY CHANGING REEL STRIPS
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 9/24 (2006.01)
A63F 13/00 (2014.01)
(31) 2019904353 (32) 19.11.19 (33) AU
(43) 03.06.2021
(72) MEYER, Jason
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2021202820
(21) 2021202820 (22) 04.05.2021
(54) SYSTEMS AND METHODS FOR PROVIDING A FEATURE GAME
(51) Int. Cl.
A63F 13/52 (2014.01)
(43) 03.06.2021
(62) 2018274893
(72) KROON, James
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2021202824
(21) 2021202824 (22) 04.05.2021
(54) SYSTEMS AND METHODS FOR PROVIDING A FEATURE GAME
(51) Int. Cl.
A63F 13/45 (2014.01)
(43) 03.06.2021
(62) 2018275003
(72) TAM, BILLY HO CHING
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(71) Asbestos Reports Australia Pty Limited
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(21) 2020270497 (22) 18.11.2020
(54) TECHNOLOGY CONFIGURED TO ENABLE VERIFICATION OF A DATA INPUT PROCESS PERFORMED VIA A NETWORKED MOBILE DEVICE
(51) Int. Cl.
G06K 9/00 (2006.01)
A62C 37/50 (2006.01)
G06F 17/40 (2006.01)
G06F 21/64 (2013.01)

G06K 9/62 (2006.01)
G06Q 10/06 (2012.01)
G06Q 50/00 (2012.01)
G06Q 50/08 (2012.01)
G06T 7/00 (2017.01)
G06T 7/70 (2017.01)
H04L 9/06 (2006.01)
H04L 9/32 (2006.01)
(31) 2019904339 (32) 18.11.19 (33) AU
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(72) DOBROW, WAL
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

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(21) 2021202962 (22) 10.05.2021
(54) Isoindolinone inhibitors of the MDM2-p53 interaction having anticancer activity
(51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/4035 (2006.01)
A61P 35/00 (2006.01)
C07B 59/00 (2006.01)
C07D 209/48 (2006.01)
C07D 403/06 (2006.01)
C07D 405/12 (2006.01)
C07D 405/14 (2006.01)
C07D 413/06 (2006.01)
C07D 413/12 (2006.01)
C07F 9/572 (2006.01)
(43) 03.06.2021
(62) 2016330030
(72) CHESSARI, Gianni; HOWARD, Steven; BUCK, Ildiko Maria; CONS, Benjamin David; JOHNSON, Christopher Norbert; HOLVEY, Rhian Sara; REES, David Charles; ST. DENIS, Jeffrey David; TAMANINI, Emiliano; GOLDING, Bernard Thomas; HARDCASTLE, Ian Robert; CANO, Celine Florence; MILLER, Duncan Charles; CULLY, Sarah; NOBLE, Martin Edward Mäntylä; OSBORNE, James Daniel; PEACH, Joanne; LEWIS, Arwel; HIRST, Kim Louise; WHITTAKER, Benjamin Paul; WATSON, David Wyn; MITCHELL, Dale Robert; GRIFFIN, Roger John
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(71) Astex Therapeutics Limited; Cancer Research Technology Limited
(11) AU-A-2021202973
(21) 2021202973 (22) 10.05.2021
(54) Isoindolinone inhibitors of the MDM2-p53 interaction having anticancer activity
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/454 (2006.01)
A61K 31/506 (2006.01)
A61K 35/00 (2006.01)
C07B 59/00 (2006.01)
C07D 401/06 (2006.01)
C07D 403/06 (2006.01)
C07D 403/14 (2006.01)
C07D 405/14 (2006.01)
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(54) Isoindolinone inhibitors of the MDM2-p53 interaction having anticancer activity
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/454 (2006.01)
A61K 31/506 (2006.01)
A61K 35/00 (2006.01)
C07B 59/00 (2006.01)
C07D 401/06 (2006.01)
C07D 403/06 (2006.01)
C07D 403/14 (2006.01)
C07D 405/14 (2006.01)
C07D 407/14 (2006.01)

C07D 409/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 487/04 (2006.01)
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(74) Spruson & Ferguson

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(11) AU-A-2021202884
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C12Q 1/68 (2018.01)
(43) 03.06.2021
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(74) WRAYS PTY LTD

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(11) AU-A-2019264597
(21) 2019264597 (22) 14.11.2019
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(51) Int. Cl.
A63B 60/06 (2015.01)
A63B 59/55 (2015.01)
A63B 59/58 (2015.01)
A63B 69/00 (2006.01)
A63B 102/20 (2015.01)
(43) 03.06.2021
(72) Baverstock, James Anthony
(74) James Anthony Baverstock

(71) Bertagni 1882 SpA
(11) AU-A-2020356800
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(51) Int. Cl.
A23L 7/109 (2016.01)
(87) WO2021/094995
(31) 102019000021141 (32) 14.11.19 (33) IT
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(74) James & Wells Intellectual Property

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(11) AU-A-2021202912

(21) 2021202912 (22) 07.05.2021

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(51) Int. Cl.

C07K 14/755 (2006.01)**A61K 38/37** (2006.01)

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(71) Black & Decker Inc.

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(51) Int. Cl.

E04B 1/41 (2006.01)**F16B 13/14** (2006.01)**F16B 39/02** (2006.01)**F16B 39/12** (2006.01)**F16B 39/28** (2006.01)

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(11) AU-A-2021202880

(21) 2021202880 (22) 05.05.2021

(54) PREPARATION OF NON-SOY OIL-SEED PROTEIN PRODUCTS (810)

(51) Int. Cl.

A23J 1/14 (2006.01)**A23J 3/14** (2006.01)**A23L 2/66** (2006.01)**A23L 33/17** (2016.01)

(43) 03.06.2021

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(72) Segall, Kevin I.; Schweizer, Martin; Green, Brent E.

(74) Phillips Ormonde Fitzpatrick

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(71) Cal Pacific Pty Ltd

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(54) VOLTAGE DETECTION APPARATUS AND METHOD THEREFOR

(51) Int. Cl.

G01R 19/165 (2006.01)**G01R 19/155** (2006.01)**G01R 27/02** (2006.01)**G01R 27/20** (2006.01)**G01R 31/389** (2019.01)**G08B 21/02** (2006.01)**G08B 21/18** (2006.01)

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(72) GRIBBIN, Paul; GRIBBIN, Alex

(74) Baxter Patent Attorneys Pty Ltd

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(11) AU-A-2019264669

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(51) CLAMPING MEANS

(51) Int. Cl.

H01R 4/28 (2006.01)**G01R 19/145** (2006.01)**H01R 4/30** (2006.01)**H01R 4/38** (2006.01)**H01R 4/60** (2006.01)

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(74) Baxter Patent Attorneys Pty Ltd

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(11) AU-A-2019264674

(21) 2019264674 (22) 15.11.2019

(54) ATTACHMENT ARRANGEMENT

(51) Int. Cl.

H01R 4/28 (2006.01)**H01R 4/30** (2006.01)**H01R 4/60** (2006.01)

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(74) Baxter Patent Attorneys Pty Ltd

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(71) Canon Kabushiki Kaisha

(11) AU-A-2021202841

(21) 2021202841 (22) 05.05.2021

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(51) Int. Cl.

G03G 21/18 (2006.01)

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(62) 2019210524

(72) MORIOKA, Masanari; HISANO, Masato; SASAKI, Teruhiko; NAKAZAWA, Ryosuke; ASANUMA, Naoya

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(11) AU-A-2020260578

(21) 2020260578 (22) 30.10.2020

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which employs internal pressure to actuate the canister

(51) Int. Cl.

A62C 35/11 (2006.01)**A62C 3/00** (2006.01)**A62C 37/36** (2006.01)

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(32) 19.11.19 (33) US

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(54) CRISPR hybrid DNA/RNA polynucleotides and methods of use

(51) Int. Cl.

C12N 15/11 (2006.01)**C12N 9/22** (2006.01)**C12N 15/63** (2006.01)

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(11) AU-A-2021202953

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(54) Homeopathic therapeutic method and compositions

(51) Int. Cl.

A61K 36/28 (2006.01)**A61K 9/70** (2006.01)**A61K 33/26** (2006.01)**A61K 35/407** (2015.01)**A61K 35/56** (2015.01)**A61K 35/64** (2015.01)**A61K 36/22** (2006.01)**A61K 36/30** (2006.01)**A61K 36/38** (2006.01)**A61K 36/42** (2006.01)**A61K 36/45** (2006.01)**A61K 36/71** (2006.01)**A61K 36/77** (2006.01)**A61K 36/81** (2006.01)**A61K 49/00** (2006.01)**A61M 35/00** (2006.01)**A61P 19/04** (2006.01)

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(72) POLICH, Nancy Josephine

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(71) Centese, Inc.

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A61M 27/00 (2006.01)

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(21) 2019446433 (22) 20.11.2019
(54) A novel organic fertilizer for controlling pollution or accumulation of heavy metal cadmium in rice and a preparation method and an application method thereof
(51) Int. Cl.
C05G 1/00 (2006.01)
C05D 9/02 (2006.01)
C09K 17/40 (2006.01)
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(72) HUANG, Qina; SHAO, Guosheng
(74) A.P.T. Patent and Trade Mark Attorneys

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(54) IMPROVED WICKET COMPONENTS FOR CRICKET
(51) Int. Cl.
A63B 69/00 (2006.01)
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A63B 71/06 (2006.01)
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(74) Phillips Ormonde Fitzpatrick

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(11) AU-A-2021202837
(21) 2021202837 (22) 05.05.2021
(54) Active assailant protocol for emergency dispatch
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G06Q 50/26 (2012.01)
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H04W 4/80 (2018.01)
H04B 5/02 (2006.01)
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(51) Int. Cl.
G06Q 10/02 (2012.01)
G06F 21/62 (2013.01)
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G06Q 10/10 (2012.01)
G16H 40/20 (2018.01)
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(74) Charlie Coglitore

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(21) 2021202819 (22) 04.05.2021
(54) LOW MOLECULAR WEIGHT POLYACRYLATES FOR EOR
(51) Int. Cl.
C09K 8/60 (2006.01)
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A61B 5/021 (2006.01)
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G06Q 10/08 (2012.01)
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(51) Int. Cl.
G06K 9/62 (2006.01)
G06F 16/28 (2019.01)
G06N 5/02 (2006.01)
G06N 20/00 (2019.01)
G06Q 10/10 (2012.01)
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(72) Cripps Clark, Julianne Mary
(74) Julianne Mary Cripps Clark

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G05F 1/00 (2006.01)
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(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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(54) SIGNALING UNIT DESIGNED TO INTRODUCE VIBRATIONAL IMPULSE PATTERNS INTO AN INTRAVENOUS FLUID COLUMN

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A61M 5/168 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Delos Living LLC
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(51) Int. Cl.
A61B 5/00 (2006.01)
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(54) METHODS AND COMPOSITIONS FOR POTENTIATING THE ACTION OF OPIOID ANALGESICS USING IBOGA ALKALOIDS
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A61P 25/36 (2006.01)
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(72) Maillet, Emeline; Weis, Holger
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2021202796 (22) 04.05.2021
(54) SYSTEMS AND METHODS FOR TRACKING ITEMS
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G06K 9/78 (2006.01)
G06T 7/70 (2017.01)
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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(21) 2021202892 (22) 06.05.2021
(54) METHOD FOR DETERMINING NOTIONAL SEISMIC SOURCE SIGNATURES AND THEIR GHOSTS FROM NEAR FIELD MEASUREMENTS AND ITS APPLICATION TO DETERMINING FAR FIELD SOURCE SIGNATURES
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G01V 1/36 (2006.01)

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(54) HEAD PROTECTION SYSTEM
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A42B 3/28 (2006.01)
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(72) PRACHT, Steffen
(74) Houlihan² Pty Ltd

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(54) TRACK INFORMATION SYSTEM
(51) Int. Cl.
H04W 4/021 (2018.01)
G08G 1/00 (2006.01)
H04W 4/02 (2018.01)
H04W 4/44 (2018.01)
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(72) EASTLING, Matthew Blaine; STEPHENS, Glenn Alan; SURLES, Andre Philippe; VINSON, Joseph Wayne
(74) Origin Patent and Trade Mark Attorneys

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Elmqvist, C.E. see Le Dévédec, F.
(21) 2021202965

(71) Emory University
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C07H 19/06 (2006.01)
A61K 31/675 (2006.01)

A61K 31/7052 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Epizyme, Inc.
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(54) ARYL-OR HETEROARYL-SUBSTITUTED BENZENE COMPOUNDS
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C07D 213/64 (2006.01)
A61K 31/4412 (2006.01)
A61K 31/444 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 405/12 (2006.01)
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(71) Equinor Energy AS
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A61F 13/00 (2006.01)
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G01S 17/894 (2020.01)
G05B 23/02 (2006.01)
G06F 16/29 (2019.01)
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G06T 17/00 (2006.01)
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F04B 1/26 (2006.01)
F04B 1/324 (2020.01)
F04B 49/06 (2006.01)
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C12Q 3/00 (2006.01)
C11B 1/00 (2006.01)
C12M 1/36 (2006.01)
C12N 1/00 (2006.01)
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A01N 59/16 (2006.01)
A61K 9/14 (2006.01)
A61K 33/24 (2019.01)
A61K 33/26 (2006.01)
A61L 2/02 (2006.01)
A61L 2/18 (2006.01)
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A61J 1/22 (2006.01)
A61J 1/20 (2006.01)

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G01C 21/36 (2006.01)
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A01K 29/00 (2006.01)
A01K 11/00 (2006.01)
A61D 99/00 (2006.01)
G06Q 50/02 (2012.01)
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A01K 29/00 (2006.01)
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(54) Series of skin-whitening (lightening) compounds
(51) Int. Cl.
C07C 39/15 (2006.01)
A61K 8/00 (2006.01)
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A61K 31/44 (2006.01)
A61P 17/00 (2006.01)
C07C 39/11 (2006.01)
C07C 43/23 (2006.01)
C07C 45/74 (2006.01)
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C07D 213/30 (2006.01)
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 (51) Int. Cl.
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A61P 5/48 (2006.01)
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 (51) Int. Cl.
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 (21) 2020267271 (22) 12.11.2020
 (54) SYSTEM AND METHOD FOR SECURE STORAGE AND DISTRIBUTION OF ENCRYPTION KEYS
 (51) Int. Cl.
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 (31) 2019904318 (32) 16.11.19 (33) AU
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G05D 1/02 (2020.01)

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G08B 21/18 (2006.01)

E02D 29/12 (2006.01)

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G08B 23/00 (2006.01)

E03F 7/00 (2006.01)

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G08B 21/22 (2006.01)

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A43B 3/00 (2006.01)

A61B 5/00 (2006.01)

A61B 5/024 (2006.01)

A61B 5/145 (2006.01)

F21V 33/00 (2006.01)

G01G 19/44 (2006.01)

G01G 19/52 (2006.01)

G08B 21/18 (2006.01)

G16H 20/30 (2018.01)

G16Y 20/20 (2020.01)

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A61M 1/00 (2006.01)

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G05B 13/04 (2006.01)
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A47F 1/035 (2006.01)

G01G 13/24 (2006.01)

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B29C 59/16 (2006.01)
B29D 11/00 (2006.01)
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(45) 03.06.2021
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(21) 2021101886 **(22)** 13.04.2021
(54) ELECTRONIC PAYMENTS PLATFORM SYSTEM AND METHOD
(51) Int. Cl.
G06Q 20/40 (2012.01)
G06Q 20/02 (2012.01)
(45) 03.06.2021
(72) Parke, Ian
(74) EUREKA IP Pty Ltd

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(11) AU-A-2021101926
(21) 2021101926 **(22)** 14.04.2021
(54) BATTERY FOR VEHICLE-MOUNTED REFRIGERATOR
(51) Int. Cl.
H01M 50/202 (2021.01)
H01M 50/249 (2021.01)
H01M 50/264 (2021.01)
H01M 50/271 (2021.01)
(31) 202120599744.5 **(32)** 24.03.21 **(33)** CN

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(74) Amanda C.S.

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(21) 2021101928 **(22)** 14.04.2021
(54) MULTIFUNCTIONAL VEHICLE-MOUNTED REFRIGERATOR WITH PLUG-IN BATTERY
(51) Int. Cl.
F25D 11/00 (2006.01)
H01M 50/202 (2021.01)
H01M 50/249 (2021.01)
H01M 50/264 (2021.01)
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(74) Amanda C.S.

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G, H.R. see S, M.
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G, S.R. see MOHAMMED, A.
(21) 2021101556

G, G. see ADEPU, A.
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G, R. see ADEPU, A.
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G, G.M. see M, P.
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Gandi, S. see Arularasu, S.
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Ganesan, M. see A., C.
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Ganguli, S. see Rana, A.K.
(21) 2021101516

Gantayat, S.S. see Arularasu, S.
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Ghantasala, G.S.P. see Obulesu, O.
(21) 2021101959

Ghritlahre, H.K. see Verma, M.
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(71) Glass Outlet BNE Pty Ltd
(11) AU-A-2021101691
(21) 2021101691 **(22)** 01.04.2021
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(51) Int. Cl.
E04H 17/16 (2006.01)
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E04H 17/14 (2006.01)
(45) 03.06.2021
(72) Van Lieshout, Richard
(74) Michael Buck IP

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(11) AU-A-2021101867
(21) 2021101867 **(22)** 12.04.2021
(54) Improved Laminated Glass
(51) Int. Cl.
B32B 17/10 (2006.01)
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(71) Guang 'an People's Hospital
(11) AU-A-2021101881
(21) 2021101881 **(22)** 13.04.2021
(54) Anti-smog heating mask
(51) Int. Cl.
A41D 31/06 (2019.01)
A62B 7/10 (2006.01)
A62B 18/02 (2006.01)
H05B 1/02 (2006.01)
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(51) Int. Cl.
A47K 13/30 (2006.01)
E03D 9/00 (2006.01)
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(51) Int. Cl.
G01J 3/02 (2006.01)

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(45) 03.06.2021
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CHEN, Qingxiang
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**Guangdong Provincial People's Hospital
see Jinan University**
(21) 2021102139

**Guiyang Urban Rall Transit CO.,LTD see
Wuhan Huazhong University of science
and Technology Testing Technology Co.,
Ltd**
(21) 2021101920

(71) Guiyang Urban Rall Transit CO.,LTD;
Wuhan Huazhong University of science
and Technology Testing Technology
Co., Ltd; Huazhong University of sci-
ence and technology
(11) AU-A-2021101951
(21) 2021101951 (22) 15.04.2021
(54) Method of real-time safety warning of
tunnel approaching construction based
on data fusion
(51) Int. Cl.
G05B 19/042 (2006.01)
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G06F 17/18 (2006.01)
G06K 9/62 (2006.01)
G06Q 10/06 (2012.01)
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Haldhar, R. see Mohanty, I.
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RATE MONITORING METHOD AND
SYSTEM
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A61B 5/024 (2006.01)
G08B 21/18 (2006.01)
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G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
A61B 5/022 (2006.01)
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Maheswari.; Ohmshankar, S.
(74) JAGANNATH JADHAV

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(11) AU-A-2021101757
(21) 2021101757 (22) 06.04.2021
(54) A Combination Model and Assembly
Method of Ship Bottom Section As-
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(51) Int. Cl.
B63B 73/10 (2020.01)
B63B 3/04 (2006.01)
B63B 3/14 (2006.01)
B63B 73/43 (2020.01)
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(54) ONLINE MONITORING APPARATUS
FOR AUTOMATICALLY IDENTIFYING
CORAL BLEACHING
(51) Int. Cl.
G06T 1/00 (2006.01)
B63B 22/00 (2006.01)
G01C 13/00 (2006.01)
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TORNEYS PTY LTD

(71) Harbin Institute of Technology
(11) AU-A-2021101882
(21) 2021101882 (22) 13.04.2021
(54) EXTREMELY RANDOMIZED TREE
(ET)-BASED CONSTRUCTION METH-
OD FOR GAS MIXTURE DETECTION
MODEL
(51) Int. Cl.

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YANG, Zixuan
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TORNEYS PTY LTD

(71) Harbin University of Commerce
(11) AU-A-2021101874
(21) 2021101874 (22) 12.04.2021
(54) COPPER ION TESTING METHOD
BASED ON METHANOBACTIN FUNC-
TIONALIZED GOLD NANOPARTICLES
(51) Int. Cl.
G01N 21/78 (2006.01)
B82Y 20/00 (2011.01)
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G01N 1/28 (2006.01)
(45) 03.06.2021
(72) Xin, Jiaying; Sun, Lirui; Wang, Yan; Liu,
Fengyuan
(74) Madderns Pty Ltd

Hati, A.S. see .B, M.I.
(21) 2021101936

Hati, A.S. see Arularasu, S.
(21) 2021101989

(71) Hebei Agricultural University; Institute
Of Agricultural Resources And Envir-
onment Hebei Academy Of Agriculture
And Forestry Sciences
(11) AU-A-2021101963
(21) 2021101963 (22) 15.04.2021
(54) Nitrification-inhibiting slow-release com-
pound fertilizer with layered granular
structure and capable of being used as
base fertilizer and topdressing, and pre-
paration method thereof
(51) Int. Cl.
C05B 13/00 (2006.01)
C05C 7/00 (2006.01)
C05C 9/00 (2006.01)
C05D 1/02 (2006.01)
C05G 5/30 (2020.01)
(31) 2021103887411 (32) 12.04.21 (33) CN
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Sun, Shiyu; Tao, Bu; Ru, Shuhua; Liu,
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(74) protectmyidea.com.au

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(11) AU-A-2021102004
(21) 2021102004 (22) 19.04.2021
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A61F 2/01 (2006.01)
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Zhihua
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Chinese Academy of Sciences
(11) AU-A-2021102243
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current of multiple thyristor converters
connected in parallel
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H02J 1/10 (2006.01)
H02M 7/162 (2006.01)
H02M 9/06 (2006.01)
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Fu, Peng; He, Shiyang; Chen, Xiaojiao;
Zhang, Xiuqing; Deng, Tianbai; Chen,
Tao; Wang, Zhenshang
(74) IP SOLVED (ANZ) PTY. LTD.

(71) Heilongjiang Bayi Agricultural University
(11) AU-A-2021101858
(21) 2021101858 (22) 12.04.2021
(54) Instant puffed cereal with digestion pro-
moting and stomach invigorating effects
and preparation method
(51) Int. Cl.
A23L 7/17 (2016.01)
A23L 11/00 (2021.01)
A23L 19/20 (2016.01)
A23L 25/00 (2016.01)
A23L 33/105 (2016.01)
A61K 36/076 (2006.01)
A61K 36/31 (2006.01)
A61K 36/48 (2006.01)
A61K 36/52 (2006.01)
A61K 36/634 (2006.01)
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A61K 36/736 (2006.01)
A61K 36/752 (2006.01)
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A61P 1/00 (2006.01)
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(11) AU-A-2021102020
(21) 2021102020 (22) 19.04.2021
(54) METHOD FOR BIOHYDROGEN PRO-
DUCTION
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C12P 3/00 (2006.01)
C12N 1/20 (2006.01)
C12N 1/22 (2006.01)
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(74) Madderns Pty Ltd

(71) Henan University
(11) AU-A-2021101853
(21) 2021101853 (22) 26.04.2021
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ide-graphene oxide thin film and per-
ovskite solar cell prepared by the same
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H01L 51/42 (2006.01)
H01B 1/16 (2006.01)
H01G 9/20 (2006.01)
H01L 21/02 (2006.01)
H01L 51/44 (2006.01)
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Chen; Jia, Xiaoyong; Zhang, Weifeng
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E04C 3/20 (2006.01)
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Long, Dan; Yang, Mingfei
(74) Ran Tao

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H P, N. see Naikodi, C.
(21) 2021101758

(71) HSU, J.
(11) AU-A-2021101892
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(54) ELECTRIC WINCH STRUCTURE
(51) Int. Cl.
B66D 3/22 (2006.01)
B66D 5/16 (2006.01)
F16D 69/04 (2006.01)
F16H 1/20 (2006.01)
F16H 57/02 (2012.01)
(31) 109114541 (32) 30.04.20 (33) TW
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(72) HSU, Jui-Feng
(74) Alfred Lei

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nology see Wuhan Huazhong University of
science and Technology Testing Techno-
logy Co., Ltd
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nology see Wuhan Huazhong University of
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logy Co., Ltd

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nology see Wuhan Huazhong University of
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logy Co., Ltd
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nology see Wuhan Huazhong University of
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logy Co., Ltd.
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nology see Wuhan Huazhong University of
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nology see Wuhan Huazhong University of
science and Technology Testing Techno-
logy Co., Ltd
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Huazhong University of science and tech-
nology see China Railway Tunnel Group
Co., Ltd
(21) 2021101941

Huazhong University of science and tech-
nology see Wuhan Metro Group Co., Ltd.
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nology see Wuhan Huazhong University of
science and Technology Testing Techno-
logy Co., Ltd.
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nology see Wuhan Huazhong University of
science and Technology Testing Techno-
logy Co., Ltd.
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Huazhong University of science and tech-
nology see Wuhan Huazhong University of
science and Technology Testing Techno-
logy Co., Ltd.
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nology see Wuhan Huazhong University of
science and Technology Testing Techno-
logy Co., Ltd.
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(21) 2021101949

Huazhong University of science and technology see Guiyang Urban Rail Transit CO.,LTD
(21) 2021101951

(71) Hunan Normal University
(11) AU-A-2021101837
(21) 2021101837 (22) 09.04.2021
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A23K 50/30 (2016.01)
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(74) Ran Tao

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G01S 3/802 (2006.01)
G01S 3/808 (2006.01)
G01S 11/14 (2006.01)
H04R 1/40 (2006.01)
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(74) FB Rice Pty Ltd

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Imam, H. see Acharya, B.
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(71) Indian Ocean Engineering Pty Ltd
(11) AU-A-2021102100
(21) 2021102100 (22) 21.04.2021
(54) SYSTEM FOR POWERING AND CONTROLLING AN ELECTRIC MOTOR
(51) Int. Cl.
G05B 13/02 (2006.01)
H02P 27/04 (2016.01)
F04D 13/08 (2006.01)

F04D 15/00 (2006.01)
G05B 19/042 (2006.01)
G05B 19/05 (2006.01)
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(62) 2021201628
(72) Vose, Stephen Lance; Jain, Ravi
(74) Mann IP

Indrani, B. see Arun, M.R.
(21) 2021100150

Institute Of Agricultural Resources And Environment Hebei Academy Of Agriculture And Forestry Sciences see Hebei Agricultural University
(21) 2021101963

(71) Institute of Animal Science, Guangdong Academy of Agricultural Sciences
(11) AU-A-2021101885
(21) 2021101885 (22) 13.04.2021
(54) FEED ADDITIVE FOR IMPROVING MEAT QUALITY OF FATTENING PIGS
(51) Int. Cl.
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A23K 10/30 (2016.01)
A23K 20/111 (2016.01)
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(71) Institute of Animal Science, Guangdong Academy of Agricultural Sciences
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(74) Alder IP Pty Ltd

(71) Institute of Lycium Barbarum Science, Ningxia Academy of Agricultural and Forestry Sciences
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(74) Alder IP Pty Ltd

Institute of Quality Standards and Testing Technology, Yunnan Academy of Agricultural Sciences see Institute of Grain Crops, Yunnan Academy of Agricultural Sciences
(21) 2021101914

Institute of Subtropical Agriculture, Chinese Academy of Sciences see Zhejiang Institute of Garden Plants and Flowers (Zhejiang Xiaoshan Institute of Cotton & Bast Fiber Crops Research)
(21) 2021101979

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(21) 2021101556

Jaglan, V. see .B, M.I.
(21) 2021101936

Jain, J.K. see Shrivastava, A.
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Jaiswal, S. see Shrivastava, A.
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Jamader, A.R. see Acharya, B.
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(21) 2021101932

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B32B 5/02 (2006.01)
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C09D 153/00 (2006.01)
C09J 7/40 (2018.01)
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G08C 17/02 (2006.01)
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(11) AU-A-2021101813
(21) 2021101813 (22) 08.04.2021

(54) METHOD FOR COLD STERILIZATION OF DRIED FRUITS THROUGH NON-THERMAL PLASMA GENERATED BY HIGH-VOLTAGE ELECTRIC FIELD

(51) Int. Cl.
B65B 55/02 (2006.01)
H05H 1/24 (2006.01)

(31) 202011633378.7 (32) 31.12.20 (33) CN
(45) 03.06.2021
(72) ZAHNG, Jianhao; YAN, Wenjing; WEI, Qiaoyun
(74) Matthias Scholl Inc.

(71) Nanjing Chervon Industry Co., Ltd.
(11) AU-A-2021102159

(21) 2021102159 (22) 23.04.2021
(54) HAND-POWERED SELF-DRIVEN TRAVELLING MACHINE

(51) Int. Cl.
A01D 34/00 (2006.01)
A01D 42/08 (2006.01)
A01D 69/00 (2006.01)

(45) 03.06.2021
(62) PCT/CN2019/119703
(72) Zhu, Ronggen; Chen, Liang
(74) Madderns Pty Ltd

(71) Nanjing Institute for Comprehensive Utilization of Wild Plants, All China Federation of Supply and Marketing Cooperatives; Shandong Jiuxin Biological Technology Co., Ltd

(11) AU-A-2021102002
(21) 2021102002 (22) 19.04.2021

(54) COMBINED PLANT EXTRACT FOR GETTING RID OF MITES AND ACNE AND PREPARATION METHOD AND USE THEREOF

(51) Int. Cl.
A61K 36/53 (2006.01)
A61K 36/23 (2006.01)
A61K 36/752 (2006.01)
A61K 36/899 (2006.01)
A61P 17/10 (2006.01)
A61P 33/14 (2006.01)

(31) 202011083804.4 (32) 12.10.20 (33) CN
(45) 03.06.2021
(72) SHAN, Chengying
(74) HopgoodGanim

(71) Nankai University
(11) AU-A-2021101868

(21) 2021101868 (22) 12.04.2021

(54) Near-Infrared Fluorescent Probe, Method or Preparing the Same and Application thereof

(51) Int. Cl.
C09B 23/10 (2006.01)
A61K 49/00 (2006.01)
C09K 11/07 (2006.01)
G01N 21/64 (2006.01)
G01N 33/84 (2006.01)

(45) 03.06.2021
(72) Zhang, Qiangzhe; Yi, Long
(74) Alder IP Pty Ltd

Nanyang Technological University, Singapore see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd
(21) 2021101917

Nanyang Technological University, Singapore see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd
(21) 2021101922

Nanyang Technological University, Singapore see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101934

Nanyang Technological University, Singapore see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101935

Nanyang Technological University, Singapore see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd
(21) 2021101939

Nanyang Technological University, Singapore see China Railway Tunnel Group Co., Ltd
(21) 2021101941

Nanyang Technological University, Singapore see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101944

Nanyang Technological University, Singapore see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101945

Nanyang Technological University, Singapore see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101948

Nanyang Technological University, Singapore see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101949

Naruka, T. see Rana, A.K.
(21) 2021101516

Nashine, P. see Dasore, A.
(21) 2021101982

Nassa, V.K. see D., S.
(21) 2021101846

Nath, M.P. see Acharya, B.
(21) 2021101890

Nayak, B. see Arun, M.R.
(21) 2021100150

NBV, L.K. see MOHAMMED, A.
(21) 2021101556

(71) NINGBO CASUALWAY LEISURE PRODUCTS CO., LTD.

(11) AU-A-2021102189
(21) 2021102189 (22) 26.04.2021
(54) INSTANT FOLDABLE TENT
(51) Int. Cl.
E04H 15/48 (2006.01)

(31) 202022932405.2 (32) 09.12.20 (33) CN
(45) 03.06.2021
(72) WU, Guoxiang; WU, Donglin
(74) Remarkable IP

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North, J.B. see Beaumont, G.

(21) 2021101879

(71) Norton, M.

(11) AU-A-2021101086

(21) 2021101086 (22) 01.03.2021

(54) Mixing station - accessory wheelie bin invention

(51) Int. Cl.

B08B 15/04 (2006.01)

B08B 5/04 (2006.01)

B65F 1/14 (2006.01)

(45) 03.06.2021

(72) Norton, Mathew Raymund

(74) Mathew Raymund Norton

Oates, R.K. see Beaumont, G.

(21) 2021101879

(71) Obulesu, O.; VinayaKumari, N.; Somasekhar, G.; Babu Mandru, D.; NageswaraRao, D.; Donthi, R.; Vijay Prasad, S.; Ghantasala, G.S.P.; Yaswanth, R.; Naik, B, V.

(11) AU-A-2021101959

(21) 2021101959 (22) 15.04.2021

(54) A CLASSIFIER FOR ATTACK DETECTION IN CLOUD ENVIRONMENT AND DATA COMPUTING FOR SMART CITIES AND SMART HEALTHCARE SYSTEM USING INTERNET OF THINGS

(51) Int. Cl.

G06N 3/08 (2006.01)

G06F 21/55 (2013.01)

G06K 9/62 (2006.01)

(45) 03.06.2021

(72) Obulesu, O.; VinayaKumari, N.; Somasekhar, G.; Babu Mandru, Deena; NageswaraRao, D.; Donthi, Ranadheer; Vijay Prasad, S.; Ghantasala, G. S. Pradeep; Yaswanth, Raparthi; Naik, B., Venkateswarulu

(74) Blessen Skariah Thomas

(71) Ocean University of China; Tiangong University; Qingdao University of Science & Technology

(11) AU-A-2021101946

(21) 2021101946 (22) 15.04.2021

(54) NOVEL WAVE GLIDER OF SINGLE-BODY STRUCTURE

(51) Int. Cl.

B63B 1/28 (2006.01)

B63B 1/18 (2006.01)

B63B 1/26 (2006.01)

B63B 1/40 (2006.01)

B63B 39/06 (2006.01)

B63B 35/00 (2020.01)

(45) 03.06.2021

(72) SUN, Xiujun; SANG, Hongqiang; YANG, Yan; LI, Can; WANG, Liwei; WANG, Lei; ZHOU, Ying; YU, Peiyuan

(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Ocean University of China; Qingdao University of Science & Technology; Tiangong University

(11) AU-A-2021101947

(21) 2021101947 (22) 15.04.2021

(54) VARIABLE-LENGTH ARMORED CABLE FOR WAVE GLIDER

(51) Int. Cl.

B63H 19/02 (2006.01)

F03B 13/20 (2006.01)

B63B 35/00 (2020.01)

(45) 03.06.2021

(72) SUN, Xiujun; YANG, Yan; SANG, Hongqiang; LI, Can; WANG, Lei; WANG, Liwei; ZHOU, Ying; YU, Peiyuan

(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

Ohmshankar, S. see Haque, M.A.

(21) 2021101904

(71) Orr Connect Pty Ltd

(11) AU-A-2021101921

(21) 2021101921 (22) 14.04.2021

(54) A Water Pipe Assembly

(51) Int. Cl.

F16L 15/00 (2006.01)

E03C 1/02 (2006.01)

E03C 1/04 (2006.01)

F16L 9/02 (2006.01)

F16L 13/08 (2006.01)

(45) 03.06.2021

(72) John Van Rooy, Barry; James Orr, Stephen

(74) Michael Buck IP

(71) Ott Earthmoving Pty Ltd

(11) AU-A-2021101467

(21) 2021101467 (22) 22.03.2021

(54) Delineator and signage Cleaning Truck

(51) Int. Cl.

B60P 3/30 (2006.01)

B08B 3/02 (2006.01)

B08B 3/04 (2006.01)

B25J 5/00 (2006.01)

E01H 3/02 (2006.01)

E04H 1/00 (2006.01)

G01S 17/08 (2006.01)

G05B 19/18 (2006.01)

(45) 03.06.2021

(72) Winten, Lachlan

(74) Ott Earthmoving Pty Ltd

(71) OUTOTEC (FINLAND) OY

(11) AU-A-2021102216

(21) 2021102216 (22) 27.04.2021

(54) X-RAY FLUORESCENCE ANALYZER WITH A PLURALITY OF MEASUREMENT CHANNELS, AND A METHOD FOR PERFORMING X-RAY FLUORESCENCE ANALYSIS

(51) Int. Cl.

G01N 23/223 (2006.01)

B03B 13/06 (2006.01)

C22B 3/02 (2006.01)

G01T 1/16 (2006.01)

G21K 1/06 (2006.01)

(45) 03.06.2021

(62) 2018419253

(72) KOSKINEN, Tommi; PELL, Antti; SI-PILÄ, Heikki

(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

P, B.S. see S, M.

(21) 2021100098

P, S.A. see Senthil Kumar, M.

(21) 2021101958

P. Sabale, R. see Shrivastava, A.

(21) 2021101848

Pal, P. see Kshirsagar, P.R.

(21) 2021101471

Pal, V.C. see Rana, A.K.

(21) 2021101516

(71) Paliwal, P.; Thakur, T.; Arya, A.; Warudkar, V.; Arya, M.; Bhagat, A.

(11) AU-A-2021101964

(21) 2021101964 (22) 16.04.2021

(54) ARTIFICIAL INTELLIGENCE BASED SMART ELECTRIC VEHICLE BATTERY MANAGEMENT SYSTEM

(51) Int. Cl.

G05B 23/02 (2006.01)

B60L 58/16 (2019.01)

G05B 13/04 (2006.01)

G06N 20/10 (2019.01)

G06F 17/18 (2006.01)

H04L 29/08 (2006.01)

(45) 03.06.2021

(72) Paliwal, Priyanka; Thakur, Tripta; Arya, Anoop; Warudkar, Vilas; Arya, Manoj; Bhagat, Amit

(74) JAGANNATH JADHAV

Pandharbale, P.B. see Acharya, B.

(21) 2021100139

Pandian, M. see Arun, M.R.

(21) 2021100150

Parne, S.R. see Arularasu, S.

(21) 2021101989

Pathak, D. see Kumar, V.

(21) 2021101847

Patil, V. see Patil, R.

(21) 2021102099

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(71) Patil, R.; Kashid, P.V.; Kashid, V.A.;
R, H.S.; Manekar, A.U.; Patil, V.; Rao,
D.V.M.

(11) AU-A-2021102099

(21) 2021102099 (22) 21.04.2021

(54) METHOD FOR DEVELOPING A STRATEGIC CUSTOMER-VALUE-DRIVEN PLAN TO CREATE HIGH GROWTH BUSINESS OPPORTUNITIES

(51) Int. Cl.

G06Q 90/00 (2006.01)

G06Q 10/06 (2012.01)

(45) 03.06.2021

(72) Patil, Rakesh; Kashid, Pratibha
Vivekanand; Kashid, Vivekanand
Ankush; R., Harihara Sudhan; Manekar,
Ankita Uday; Patil, Viraj; Rao, Datrika
Venkata Madhusudan

(74) (Dr.) Rakesh Patil

Peroumal, V. see Kshirsagar, P.R.

(21) 2021101471

PILLAI, B. see DIXIT, P.

(21) 2021101897

(71) Plungie IP Pty Ltd

(11) AU-A-2021101637

(21) 2021101637 (22) 30.03.2021

(54) Plunge pool

(51) Int. Cl.

E04H 4/00 (2006.01)

A47K 3/02 (2006.01)

A61H 33/00 (2006.01)

E04H 4/14 (2006.01)

(45) 03.06.2021

(62) 2019219874

(72) HERMANS, Ty; PETERSEN, Ben;
JUNG, Mayer; GANNON, Michael

(74) DAVIS IP PTY LTD

Porwal, D.O. see Saini, V.

(21) 2021101439

Prasad, G.N.R. see Singh, C.

(21) 2021102086

Pravallika, S. see Kshirsagar, P.R.

(21) 2021101471

(71) Qingdao Agricultural University

(11) AU-A-2021101895

(21) 2021101895 (22) 13.04.2021

(54) Simple rake type sampler for surface sediments in a shallow water body

(51) Int. Cl.

G01N 1/12 (2006.01)

(45) 03.06.2021

(72) Zhang, Lei; Wang, Guoqiang; Zhang,
Lei

(74) PATENTS AU PTY LTD

(71) Qingdao Agricultural University

(11) AU-A-2021101896

(21) 2021101896 (22) 13.04.2021

(54) Method for treating metal cadmium contaminated soil with cotton plants

(51) Int. Cl.

B09C 1/10 (2006.01)

(45) 03.06.2021

(72) Zhang, Lei; Zhang, Lei

(74) PATENTS AU PTY LTD

(71) QINGDAO AGRICULTURAL UNIVERSITY

(11) AU-A-2021100421

(21) 2021100421 (22) 22.01.2021

(54) A KIT FOR AFLATOXIN B1 (AFB1) MONITORING, PREPARATION AND DETECTION METHOD THEREOF

(51) Int. Cl.

G01N 33/553 (2006.01)

G01N 33/533 (2006.01)

(31) 2021100159959 (32) 07.01.21 (33) CN

(45) 03.06.2021

(72) WANG, QI; YANG, QINGLI; WU, WEI;
ZHAO, FANGYUAN; HOU, XIUDAN;
ZHAO, HAIYAN; ZHU, YINGLIAN; LI,
ZHAOJIE

(74) MOHAN MURALI KODIVEL

(71) Qingdao Agriculture University

(11) AU-A-2021101955

(21) 2021101955 (22) 15.04.2021

(54) Soil water-retaining composition

(51) Int. Cl.

C09K 17/42 (2006.01)

C09K 101/00 (2006.01)

(45) 03.06.2021

(72) Liu, Shutang; Liu, Jintao; Wei, Wenli-
ang; Gao, Xiuyu; Wang, Anzhen

(74) Alder IP Pty Ltd

Qingdao Haizhisheng Technology Co., Ltd.

see Harbin Engineering University

(21) 2021101969

Qingdao Interactive IoT Technology Co.,

Ltd. see Qingdao Kelaima IoT Technology Co., Ltd.

(21) 2021101782

(71) Qingdao Kelaima IoT Technology Co.,
Ltd.; Qingdao Interactive IoT Techno-
logy Co., Ltd.

(11) AU-A-2021101782

(21) 2021101782 (22) 07.04.2021

(54) Wireless intelligent track spike support-
ing bidirectional real-time communica-
tion with low power consumption

(51) Int. Cl.

H04L 29/06 (2006.01)

F21S 8/08 (2006.01)

F21S 10/02 (2006.01)

F21S 10/06 (2006.01)

F21V 23/00 (2015.01)

H04L 29/08 (2006.01)

H04W 4/80 (2018.01)

H04W 52/02 (2009.01)

H04W 84/18 (2009.01)

F21W 131/103 (2006.01)

(45) 03.06.2021

(72) Zhang, Yefei

(74) Davies Collison Cave Pty Ltd

Qingdao University of Science & Techno-
logy see Ocean University of China

(21) 2021101946

Qingdao University of Science & Techno-
logy see Ocean University of China

(21) 2021101947

R, S. see V, V.

(21) 2021101705

R, H.S. see Patil, R.

(21) 2021102099

R., G. see D., S.

(21) 2021101846

Radhika, K. see Chaitanya, N.

(21) 2021101845

Raghuvanshi, R. see Shrivastava, A.

(21) 2021101744

Rajak, U. see Dasore, A.

(21) 2021101982

Rajak, U. see Verma, M.

(21) 2021102000

Rajamani, V. see Senthil Kumar, M.

(21) 2021101958

Rajendran, R. see .B, M.I.

(21) 2021101936

Rajesh, L. see Acharya, B.

(21) 2021100139

Rajkumar, R. see Kshirsagar, P.R.

(21) 2021101471

Rajyalakshmi, K. see Verma, M.

(21) 2021102000

Rama Parvathy, L. see Senthil Kumar, M.

(21) 2021101958

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(71) Rana, A.K.; Karelia, N.; Naruka, T.; Pal, V.C.; Ganguli, S.; Sohane, A.

(11) AU-A-2021101516

(21) 2021101516 (22) 25.03.2021

(54) A SYSTEM FOR MOVEMENT OF AUTONOMOUS VEHICLE AND A METHOD THEREOF

(51) Int. Cl.

G05D 1/00 (2006.01)

B60R 21/0134 (2006.01)

B60W 30/09 (2012.01)

G05D 1/02 (2020.01)

G08G 1/16 (2006.01)

B25J 5/00 (2006.01)

B60R 21/01 (2006.01)

(45) 03.06.2021

(72) Rana, Arun Kumar; Karelia, Nirav; Naruka, Tarun; Pal, Vipin Chandra; Ganguli, Souvik; Sohane, Anurag

(74) Arun Kumar Rana

Rana, P. see Kumar, V.

(21) 2021101847

Ranjani, R. see Haque, M.A.

(21) 2021101904

Rao, T.S. see D, P.K.

(21) 2021101995

Rao, D.V.M. see Patil, R.

(21) 2021102099

Rawool, A.A. see Kshirsagar, P.R.

(21) 2021101471

Reddy, K.C. see Shrivastava, A.

(21) 2021101744

Reddy, R.H.N. see .B, M.I.

(21) 2021101936

Reddy, Y.S.K. see Verma, M.

(21) 2021102000

REDDY, G.K. see ADEPU, A.

(21) 2021101865

Rehman, T.B. see D, P.K.

(21) 2021101995

(71) RESEARCH INSTITUTE OF HIGHWAY MINISTRY OF TRANSPORT

(11) AU-A-2021101953

(21) 2021101953 (22) 15.04.2021

(54) Heavy-duty traffic pavement structure with high comfort and smoothness

(51) Int. Cl.

E01C 7/32 (2006.01)

E01C 3/04 (2006.01)

E01C 7/35 (2006.01)

E01C 11/18 (2006.01)

(45) 03.06.2021

(72) Li, sili; Tian, bo; Ma, rong; Quan, lei; Li, lihui; Xie, jinde; He, zhe; Zhang, pan-pan

(74) Alder IP Pty Ltd

Revathi, V. see Srivenkatesh, M.

(21) 2021100441

Robinson, D.A. see Beaumont, G.

(21) 2021101879

(71) Rugby (Guangdong) Health Technology Co.,Ltd.; Loobi (Guangzhou) Health Industry Co., Ltd.

(11) AU-A-2020104097

(21) 2020104097 (22) 15.12.2020

(54) A PROBIOTIC DROP FOR IMPROVING ALLERGIC CONSTITUTION

(51) Int. Cl.

A61K 35/745 (2015.01)

A61K 9/08 (2006.01)

A61K 31/201 (2006.01)

A61K 31/202 (2006.01)

A61K 31/702 (2006.01)

A61K 35/747 (2015.01)

A61K 47/44 (2017.01)

A61P 37/08 (2006.01)

(31) 202011226381.7 (32) 06.11.20 (33) CN

(45) 03.06.2021

(72) Li, Yichun; Liang, Huiwen; Li, Liuhua

(74) Madderns Pty Ltd

(71) Ryebucks Portables Pty Ltd

(11) AU-A-2021101940

(21) 2021101940 (22) 15.04.2021

(54) Transportable enclosed swimming pool module

(51) Int. Cl.

E04H 4/00 (2006.01)

E04H 1/12 (2006.01)

E04H 3/16 (2006.01)

E04H 4/06 (2006.01)

E04B 1/343 (2006.01)

E04B 1/348 (2006.01)

E04H 4/12 (2006.01)

E04H 4/14 (2006.01)

F24S 20/00 (2018.01)

(31) 2020901224 (32) 17.04.20 (33) AU

2020903379 21.09.20 AU

(45) 03.06.2021

(72) Austin, John

(74) Davies Collison Cave Pty Ltd

S, S.K. see S, M.

(21) 2021100098

(71) S, M.; G, R.N.K.; Dilip, G.; G, H.R.; Sivalingam, S.M.; P, B.S.; S, S.K.; Lokku, G.

(11) AU-A-2021100098

(21) 2021100098 (22) 08.01.2021

(54) IOT based Intelligent Municipal Waste Management System by Auto Detecting and Filtering Non Bio-Degradable Plastic Waste

(51) Int. Cl.

B65F 1/00 (2006.01)

B65F 1/16 (2006.01)

G06Q 10/00 (2012.01)

(45) 03.06.2021

(72) S, MaruthuPerumal; G, Rosline Nesa Kumari; Dilip, Golda; G, Harinatha Reddy; Sivalingam, Saravanan Mad-deri; P, Balaji Srikanth; S, Satheesh Kumar; Lokku, Gurukumar

(74) MaruthuPerumal S

S, D. see Acharya, B.

(21) 2021100139

S, R.K. see V, V.

(21) 2021101705

S, P.A.S. see ADEPU, A.

(21) 2021101865

S, P. see Haque, M.A.

(21) 2021101904

(71) Sadler, H.

(11) AU-A-2021101937

(21) 2021101937 (22) 15.04.2021

(54) SYSTEMS AND METHODS FOR THE DELIVERY OF DIGITAL RECEIPTS TO SHOPPERS BY POST-PURCHASE TRANSACTION MATCHING VIA AN AGGREGATOR WITHOUT THE NEED TO ACQUIRE SHOPPERS' CONSENT AT THE COUNTER WHILE REMAINING COMPLIANT TO PRIVACY LEGISLATIONS

(51) Int. Cl.

G06Q 20/04 (2012.01)

G06F 21/60 (2013.01)

G06F 21/62 (2013.01)

G06Q 20/20 (2012.01)

(45) 03.06.2021

(72) Sadler, Hamish

(74) Hamish Sadler

Sagayam, K.M. see Acharya, B.

(21) 2021100139

Sahoo, B.M. see Acharya, B.

(21) 2021100139

Sahoo, S.K. see Arun, M.R.

(21) 2021100150

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(21) 2021101471

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Saini, A.K. see Saini, V.
(21) 2021101439

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(21) 2021101439

(71) Saini, V.; Gupta, S.; Porwal, D.O.; Saini, A.K.; Saini, R.; Kala, D.; Maiti, N.; Anwer, E.T.
(11) AU-A-2021101439
(21) 2021101439 (22) 20.03.2021
(54) A NOVEL HPLC METHOD OF ESTIMATION OF ACECLOFENAC FROM MULTIPARTICULATE DOSAGE AND USES THEREOF
(51) Int. Cl.
G01N 33/15 (2006.01)
G01N 30/02 (2006.01)
A61K 31/216 (2006.01)
G01N 1/28 (2006.01)
G01N 1/38 (2006.01)
G01N 30/14 (2006.01)
(45) 03.06.2021
(72) Saini, Vipin; Gupta, Sumeet; Porwal, Omji; Saini, Adesh K.; Saini, Reena; Kala, Duran; Maiti, Niladri; Anwer, Esra Tariq
(74) IP NATION

Sakhlecha, M. see Dipen Derashri, P.
(21) 2021101844

Santhi, J. see Srivenkatesh, M.
(21) 2021100441

Saruchi see Kumar, V.
(21) 2021101847

Saurabh, P. see Dipen Derashri, P.
(21) 2021101844

(71) School of Agriculture and Biology, Shanghai Jiao Tong University; Shanghai Fengni Pharmaceutical Technology Co., Ltd
(11) AU-A-2021101952
(21) 2021101952 (22) 15.04.2021
(54) A Chewable Tablet of Active Peptides Extracted from Sea Cucumber and Oyster to Nourish and Protect Liver/Kidney While Recovering from Fatigue, with the Method of its Production
(51) Int. Cl.
A61K 38/02 (2006.01)
A61K 9/00 (2006.01)
A61K 9/50 (2006.01)
A61K 31/375 (2006.01)
A61K 35/20 (2006.01)
A61K 35/616 (2015.01)
A61K 35/618 (2015.01)
A61K 36/07 (2006.01)
A61K 36/185 (2006.01)
A61K 36/23 (2006.01)
A61K 36/42 (2006.01)

A61K 36/73 (2006.01)
A61K 36/752 (2006.01)
A61K 36/81 (2006.01)
A61K 38/01 (2006.01)
A61K 47/59 (2017.01)
A61P 1/16 (2006.01)
A61P 13/12 (2006.01)
A23J 1/04 (2006.01)
A23J 1/20 (2006.01)
A23J 3/32 (2006.01)
A61K 9/20 (2006.01)
(45) 03.06.2021
(72) Cui, Li; Wan, Peng
(74) Alder IP Pty Ltd

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(21) 2021101958 (22) 15.04.2021
(54) TAMIL TEXT CATEGORIZATION USING FEATURE WEIGHT LEARNING OF K-NEAREST NEIGHBOUR ALGORITHM
(51) Int. Cl.
G06F 16/35 (2019.01)
G06K 9/62 (2006.01)
G06N 20/00 (2019.01)
G06F 40/216 (2020.01)
(45) 03.06.2021
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(21) 2021101844

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Shandong Jiuxin Biological Technology Co., Ltd see Nanjing Institute for Comprehensive Utilization of Wild Plants, All China Federation of Supply and Marketing Cooperatives
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(71) Shandong University of Science and Technology
(11) AU-A-2021101779
(21) 2021101779 (22) 07.04.2021
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(51) Int. Cl.
G16H 10/20 (2018.01)
G16H 50/30 (2018.01)
(45) 03.06.2021
(72) Ren, Dawei; Wen, Peipei
(74) Alder IP Pty Ltd

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(11) AU-A-2021101968
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(51) Int. Cl.
A23K 50/30 (2016.01)
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A23K 20/10 (2016.01)
A23K 20/142 (2016.01)
A23K 20/174 (2016.01)
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(45) 03.06.2021
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Shanghai Fengni Pharmaceutical Technology Co., Ltd see School of Agriculture and Biology, Shanghai Jiao Tong University
(21) 2021101952

(71) Shanghai Maritime University
(11) AU-A-2021101855
(21) 2021101855 (22) 12.04.2021
(54) System and Method for Biogeographic Distribution Query and Display
(51) Int. Cl.
G06F 16/14 (2019.01)
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G06K 9/00 (2006.01)
(45) 03.06.2021
(72) Zhou, Rigui; Zhao, Yishi; Fan, Ping
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(11) AU-A-2021101950
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(54) METHOD FOR ESTIMATING SHAPE OF MID-WATER TRAWL DURING OPERATION
(51) Int. Cl.
A01K 73/10 (2006.01)

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G06Q 50/02 (2012.01)
(45) 03.06.2021
(72) Tang, Hao; Zhang, Feng; Sun, Qiuyang;
 Liu, Wei; Xu, Liuxiong
(74) Madderns Pty Ltd

(71) Shanghai Ocean University
(11) AU-A-2021101976
(21) 2021101976 **(22)** 16.04.2021
(54) METHOD FOR ESTIMATING VOLUME
 OF PURSE SEINE NET BASED ON
 DYNAMIC WATER TANK TEST
(51) Int. Cl.
H04N 13/243 (2018.01)
A01K 73/12 (2006.01)
G06T 3/00 (2006.01)
G06T 5/00 (2006.01)
G06T 7/62 (2017.01)
H04N 13/117 (2018.01)
H04N 13/275 (2018.01)
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 Zhang, Feng; Zhu, Meixi; Xu, Liuxiong
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(21) 2021100441

**Shanxi Agricultural University see Shanxi
 Fanshi County Tianhemuye Co., Ltd.**
(21) 2021102064

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 Ltd.; Shanxi Agricultural University
(11) AU-A-2021102064
(21) 2021102064 **(22)** 20.04.2021
(54) FERMENTED ASTRAGALUS PROPIN-
 QUUS (A. PROPINQUUS) AND PRE-
 PARATION METHOD THEREOF,
 FEED ADDITIVE AND PREPARA-
 TION METHOD THEREOF, AND BEEF
 CATTLE FEED
(51) Int. Cl.
A23K 20/121 (2016.01)
A23K 10/30 (2016.01)
A23K 20/174 (2016.01)
A23K 50/10 (2016.01)
(31) 202010566861.1 **(32)** 19.06.20 **(33)** CN
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 GAO, Yueping; LI, Pengfei
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(21) 2021101898

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(21) 2021101904

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Sharma, M. see Senthil Kumar, M.
(21) 2021101958

Sharma, A. see Dasore, A.
(21) 2021101982

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(21) 2021101961

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 Ltd.
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(21) 2021101812 **(22)** 08.04.2021
(54) Novel mechanical mortise lock body
(51) Int. Cl.
E05B 65/08 (2006.01)
E05B 63/08 (2006.01)
E05C 9/02 (2006.01)
E05B 9/02 (2006.01)
(45) 03.06.2021
(72) Lu, Yanjun
(74) PATENTS AU PTY LTD

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(11) AU-A-2021101696
(21) 2021101696 **(22)** 01.04.2021
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 Strips for Detecting Human Brucellos-
 is Antibody and Preparation Method
 Thereof
(51) Int. Cl.
G01N 33/569 (2006.01)
B01L 3/00 (2006.01)
G01N 33/566 (2006.01)
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 FENG, Danni; MA, Mingze; XU, Zhihua;
 ZHANG, Tieying; CUI, Lei; WANG, Yu-
 meng
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(21) 2021101744 **(22)** 06.04.2021
(54) THE WASTE SEGREGATION METH-
 OD USING MACHINE LEARNING
 TECHNIQUE

(51) Int. Cl.
B65F 1/00 (2006.01)
B07B 13/18 (2006.01)
B07C 5/342 (2006.01)
G01F 23/00 (2006.01)
G01N 27/22 (2006.01)
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 sh Kumar; Jaiswal, Sushma; Jain,
 Jay Kumar; Sharma, Amit Kumar;
 Bolukonda, Deepthi; Reddy, Kamasani
 Chandrasekhar; Chaurasia, Pawan Ku-
 mar; Ilyas, Md; Raghuvanshi, Rajeev;
 Verma, Ashwin
(74) Anurag Shrivastava

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 Mukati, N.; Namdev, N.; Dwivedi, R.;
 Madhu, V.; Kumar Jain, S.; Banik, A.; C.
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(11) AU-A-2021101848
(21) 2021101848 **(22)** 11.04.2021
(54) IOT ENABLED SOLAR POWER MON-
 ITORING SYSTEM
(51) Int. Cl.
G16Y 10/35 (2020.01)
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G16Y 20/30 (2020.01)
(45) 03.06.2021
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 Mukesh; Mukati, Naveen; Namdev,
 Neha; Dwivedi, Rashmi; Madhu, V.; Ku-
 mar Jain, Sanjiv; Banik, Ayan; C. Patil,
 Prakash; P. Sabale, Rajendra
(74) Blessen Skariah Thomas

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(21) 2021101982

(71) Sichuan Agricultural University;
 Sichuan Tobacco Corporation Guangy-
 uan Branch; Sichuan Tobacco Corpora-
 tion Panzhuhua Branch
(11) AU-A-2021101971
(21) 2021101971 **(22)** 16.04.2021
(54) A kind of bio-organic fertilizer suitable
 for field tobacco and its preparation
 method
(51) Int. Cl.
C05F 3/00 (2006.01)
(45) 03.06.2021
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 Zhang, Qili; Wang, Dong; Liu, Haix-
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 Yang, Junwei
(74) Alder IP Pty Ltd

(71) Sichuan Agricultural University
(11) AU-A-2021101991
(21) 2021101991 **(22)** 17.04.2021
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 DETECTION METHOD THEREOF
(51) Int. Cl.
C12Q 1/6895 (2018.01)

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 Zhu, Hanmingyue
(74) Remarkable IP

(71) Sichuan Animal Science Academy
(11) AU-A-2021101647
(21) 2021101647 **(22)** 30.03.2021
(54) PREMIXED FEED FOR IMPROVING
 ODOR OF PIG FECES AND APPLICA-
 TION THEREOF
(51) Int. Cl.
A23K 50/30 (2016.01)
A23K 20/105 (2016.01)
A23K 20/111 (2016.01)
A23K 20/20 (2016.01)
A23K 20/28 (2016.01)
(45) 03.06.2021
(72) Yan, Jiayou; Diao, Hui; Li, Shuwei;
 Tang, Wenjie; Kuang, Shengyao
(74) TIDY TEND GLOBAL PTY LTD

**Sichuan Tobacco Corporation Guangy-
 uan Branch see Sichuan Agricultural Uni-
 versity**
(21) 2021101971

**Sichuan Tobacco Corporation Panzhi-
 hua Branch see Sichuan Agricultural Uni-
 versity**
(21) 2021101971

Sidhu, J.S. see Kumar, V.
(21) 2021101847

Silas, S. see Srivenkatesh, M.
(21) 2021100441

Singh, A.K. see Shrivastava, A.
(21) 2021101744

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(21) 2021101847

Singh, A.K. see .B, M.I.
(21) 2021101936

Singh, T.S. see Dasore, A.
(21) 2021101982

Singh, A.K. see Arularasu, S.
(21) 2021101989

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(21) 2021102086

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 Singh, K.P.; Tiwari, V.; Asokan, A.; Ba-
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 Bhatt, P.K.

(11) AU-A-2021102086
(21) 2021102086 **(22)** 20.04.2021
(54) Secure Long range device to commu-
 nication method for IOT devices us-
 ing low power Wide Area Network (LP-
 WAN)
(51) Int. Cl.
H04L 29/06 (2006.01)
G16Y 30/00 (2020.01)
H04W 4/70 (2018.01)
H04W 84/04 (2009.01)
H04W 84/18 (2009.01)
H04W 88/16 (2009.01)
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 Walia, Ranjan; Singh, Kishan Pal;
 Tiwari, Vatsya; Asokan, Anju; Bajpai,
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 G. N. R.; Bhatt, Pramod Kumar

(74) Gideon Manohar

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(21) 2021101844

Sinha, S.L. see Dasore, A.
(21) 2021101982

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(21) 2021102000

Sitha Ram, M. see Srivenkatesh, M.
(21) 2021100441

Sivalingam, S.M. see S, M.
(21) 2021100098

Sivaraju, S. see M, P.
(21) 2021101901

Sohane, A. see Rana, A.K.
(21) 2021101516

Somasekhar, G. see Obulesu, O.
(21) 2021101959

Sood, K. see Dipen Derashri, P.
(21) 2021101844

(71) Southeast University
(11) AU-A-2021101912
(21) 2021101912 **(22)** 14.04.2021
(54) USE OF VITAMIN D-BINDING PRO-
 TEIN (VDBP) AS BIOMARKER IN DIA-
 GNOSIS OF DEPRESSION
(51) Int. Cl.
G01N 33/68 (2006.01)
G01N 33/535 (2006.01)

G01N 33/543 (2006.01)
G01N 33/551 (2006.01)

(45) 03.06.2021
(72) ZHANG, Zhijun; SHI, Yachen
(74) Jones Tulloch

(71) Southwest University
(11) AU-A-2021101870
(21) 2021101870 **(22)** 12.04.2021
(54) A facile method to prepare gas sens-
 ing materials based on graphene-ZrO₂
 composites
(51) Int. Cl.
C01B 32/186 (2017.01)
B01J 20/02 (2006.01)
B01J 20/20 (2006.01)
C01G 25/02 (2006.01)
B82Y 15/00 (2011.01)
B82Y 30/00 (2011.01)
B82Y 40/00 (2011.01)
G01N 27/04 (2006.01)
(45) 03.06.2021
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 Qiming; Chu, Jin
(74) WEI LUO

(71) SPECTA TECHNOLOGIES PTY LIM-
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(21) 2021102110 **(22)** 21.04.2021
(54) Horse Management Method and Sys-
 tem
(51) Int. Cl.
G06Q 50/02 (2012.01)
A01K 29/00 (2006.01)
G06Q 10/08 (2012.01)
G06Q 50/10 (2012.01)
(31) 2020902662 **(32)** 29.07.20 **(33)** AU
 2020902999 21.08.20 AU
(45) 03.06.2021
(72) SMITH, Clive Richard; BENNETT,
 Wade Kristopher
(74) Davies Collison Cave Pty Ltd

Sridevi, R. see Arun, M.R.
(21) 2021100150

Srilalitha, S. see Haque, M.A.
(21) 2021101904

Srinivas, K. see D, P.K.
(21) 2021101995

(71) Srivenkatesh, M.; Sitha Ram, M.; Re-
 vathi, V.; HimaBindu, G.; Shanthi, D.;
 Kumari, C.; Santhi, J.; Biswas, P.;
 sheetal, A.; Silas, S.
(11) AU-A-2021100441
(21) 2021100441 **(22)** 24.01.2021
(54) A METHOD OF TEXT MINING IN
 RANKING OF WEB PAGES USING
 MACHINE LEARNING
(51) Int. Cl.
G06F 16/33 (2019.01)
G06F 16/35 (2019.01)

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G06N 20/00 (2019.01)
G06F 16/951 (2019.01)
(45) 03.06.2021
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(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

Stalin, N. see Chitrakala, G.
(21) 2021101990

Subramani, T. see D, P.K.
(21) 2021101995

(71) Sugarcane Research Institute of Yunnan Academy of Agricultural Sciences
(11) AU-A-2021102259
(21) 2021102259 **(22)** 29.04.2021
(54) SUGARCANE SPSB GENE ISOFORM 1, IDENTIFICATION METHOD AND USE THEREOF
(51) Int. Cl.
C12N 9/10 (2006.01)
A01H 1/04 (2006.01)
C12N 15/29 (2006.01)
C12N 15/54 (2006.01)
C12Q 1/6895 (2018.01)
(31) 202011136037.9 **(32)** 22.10.20 **(33)** AF
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(72) LIU, Hongbo; LIN, Xiuqin; MAO, Jun; XU, Chaohua; LI, Xujuan; LI, Chunjia; KONG, Chunyan; LIU, Xinlong; LU, Xin
(74) Griffith Hack

Sunil Prakash, M. see Chaitanya, N.
(21) 2021101845

Suzhou Yirun Food Technology Co., Ltd. see Nanjing Agricultural University
(21) 2021101813

(71) Synthon B.V.
(11) AU-A-2021101977
(21) 2021101977 **(22)** 16.04.2021
(54) Crystalline forms and processes of lenvatinib besylate
(51) Int. Cl.
C07D 215/48 (2006.01)
A61K 9/48 (2006.01)
A61K 31/47 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
A61K 47/38 (2006.01)
(45) 03.06.2021
(62) 2019352722
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(74) Shelston IP Pty Ltd.

T, S. see V, V.

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T., M. see D., S.
(21) 2021101846

T., S. see A., C.
(21) 2021101931

(71) Tangshan University
(11) AU-A-2021101854
(21) 2021101854 **(22)** 12.04.2021
(54) PROTECTIVE STRUCTURE OF ROBOT CONTROL DEVICE
(51) Int. Cl.
H05K 7/14 (2006.01)
H02K 5/02 (2006.01)
(31) 202010742091.1 **(32)** 23.07.20 **(33)** CN
(45) 03.06.2021
(72) MA, Zhuang; TANG, Wanwei
(74) Burns IP & Commercial Pty Ltd

Tanwar, P. see Kumar, N.
(21) 2021101996

(71) Taylor, A.
(11) AU-A-2021101891
(21) 2021101891 **(22)** 13.04.2021
(54) A Wall Panel
(51) Int. Cl.
E04C 2/36 (2006.01)
E02D 29/02 (2006.01)
E04B 2/00 (2006.01)
E04C 2/28 (2006.01)
E04C 5/06 (2006.01)
E04C 3/02 (2006.01)
E04H 17/16 (2006.01)
(45) 03.06.2021
(72) Taylor, Andrew
(74) Eagar & Associates Pty Ltd

Tea Research Institute, Guangdong Academy of Agricultural Sciences see Jinan University
(21) 2021102139

Thakur, T. see Paliwal, P.
(21) 2021101964

(71) The First Medical Center Chinese PLA General Hospital
(11) AU-A-2021102255
(21) 2021102255 **(22)** 29.04.2021
(54) INTEGRATED DRILLING DEVICE FOR PATELLA REPLACEMENT
(51) Int. Cl.
A61B 17/16 (2006.01)
A61B 17/17 (2006.01)
(31) 202110295609.6 **(32)** 19.03.21 **(33)** CN
(45) 03.06.2021
(72) Chai, Wei; Song, Ping; Kong, Xiangpeng
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) The Second Affiliated Hospital of Shandong First Medical University
(11) AU-A-2021101967
(21) 2021101967 **(22)** 16.04.2021
(54) Traditional Chinese medicine composition for treating breast cancer and preparation method thereof
(51) Int. Cl.
A61K 36/07 (2006.01)
A61K 36/233 (2006.01)
A61K 36/481 (2006.01)
A61K 36/752 (2006.01)
A61K 36/8994 (2006.01)
A61K 36/9066 (2006.01)
A61P 35/00 (2006.01)
(45) 03.06.2021
(72) Li, Xiangqi; Xu, Xingchao; Wang, Ying
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(71) The Third Affiliated Hospital of Chongqing Medical University (Gener Hospital)
(11) AU-A-2021101906
(21) 2021101906 **(22)** 14.04.2021
(54) Microfluidic Chip and Method for Separating Exosomes
(51) Int. Cl.
B01L 3/00 (2006.01)
B01F 13/00 (2006.01)
C07K 16/30 (2006.01)
G01N 33/537 (2006.01)
G01N 33/574 (2006.01)
B01J 35/04 (2006.01)
(45) 03.06.2021
(72) Deng, Kun; Zhang, Yong; Yang, Liu; Tong, Xuedong
(74) Alder IP Pty Ltd

(71) The Third Hospital of Hebei Medical University
(11) AU-A-2021101103
(21) 2021101103 **(22)** 02.03.2021
(54) A bone cement negative pressure stirring device
(51) Int. Cl.
B01F 15/02 (2006.01)
B01F 7/00 (2006.01)
B01F 13/00 (2006.01)
B01F 13/06 (2006.01)
B01F 15/00 (2006.01)
(45) 03.06.2021
(72) Qi, Xiangbei; Ma, Xinzhe; Sun, Hui; Liu, Jianning; Wang, Wei; Li, Xu; Li, Sheng; Zhang, Feng
(74) Alder IP Pty Ltd

Tiangong University see Ocean University of China
(21) 2021101946

Tiangong University see Ocean University of China
(21) 2021101947

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(71) Tianjin Research Institute for water transport engineering, Ministry of transport; Bureau of Hydrology, Changjiang Water Resources Commission

(11) AU-A-2021101910

(21) 2021101910 (22) 14.04.2021

(54) Ecological silting-promoting, scouring erosion-preventing and beach-protecting structure

(51) Int. Cl.

E02B 3/04 (2006.01)

A01G 9/02 (2018.01)

(45) 03.06.2021

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(71) Tianjin University of Science and Technology

(11) AU-A-2021101911

(21) 2021101911 (22) 14.04.2021

(54) A Recombinant Strain of *Synechocystis* sp. PCC6803 Producing Alkaline Pectin Lyase and Construction Method Thereof

(51) Int. Cl.

C12N 15/74 (2006.01)

C12N 1/20 (2006.01)

C12N 9/88 (2006.01)

C12Q 1/686 (2018.01)

(45) 03.06.2021

(72) Dai, Yujie; Jia, Shiru; Meng, Xuan; Lv, Hexin; Chen, Gao; Zhong, Cheng; Liu, Huiyu; Meng, Qingying; He, Ao; Zhao, Xiaoxiao; Zhang, Yujie; Li, Tianan

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Tiwari, V. see Singh, C.

(21) 2021102086

(71) Tongji Architectural Design (Group) Co., Ltd.

(11) AU-A-2021101862

(21) 2021101862 (22) 12.04.2021

(54) DISTRIBUTION BOX PLACED INSIDE SMART LIGHT POLE AND SMART LIGHT POLE

(51) Int. Cl.

H02G 3/08 (2006.01)

F21S 8/08 (2006.01)

F21V 21/04 (2006.01)

H02B 1/48 (2006.01)

H02B 5/02 (2006.01)

(31) 202020837075.6 (32) 19.05.20 (33) CN

(45) 03.06.2021

(72) Sun, Yan

(74) Madderens Pty Ltd

Turner, R.J. see Meyers Turner, K.

(21) 2021101547

Udayakumar, S. see D, P.K.

(21) 2021101995

University of Hawaii at Manoa see Jiaying University

(21) 2021101857

(71) University of Science and Technology Beijing

(11) AU-A-2021102081

(21) 2021102081 (22) 20.04.2021

(54) Method and System for Early Warning the Quality and Safety of Cross-border Renewable Resources

(51) Int. Cl.

G06Q 10/06 (2012.01)

G06Q 50/26 (2012.01)

(45) 03.06.2021

(72) Huang, Guozhong; Zhang, Mengru; Ou, Shengnan; Xie, Jiaying; Zhang, Dingli

(74) Alder IP Pty Ltd

(71) V, V.; T, S.; R, S.; B, R.K.; B, B.; S, R.K.; N, G.

(11) AU-A-2021101705

(21) 2021101705 (22) 02.04.2021

(54) Smart COVID-19 Protection Band using AI, IoT and Cloud

(51) Int. Cl.

G08B 21/00 (2006.01)

G16H 50/80 (2018.01)

H04L 29/08 (2006.01)

H04W 4/021 (2018.01)

G01S 19/14 (2010.01)

H04W 4/029 (2018.01)

H04W 4/38 (2018.01)

(45) 03.06.2021

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(74) Naveen Chilamkurti

V, M. see ADEPU, A.

(21) 2021101865

V., S. see D., S.

(21) 2021101846

(71) Varshney, A.; Sharma, V.; Arya, V.

(11) AU-A-2021101898

(21) 2021101898 (22) 13.04.2021

(54) TRI-BLADE TABLE FAN SHAPED ULTRA WIDE BAND MICROSTRIP ANTENNA USING PARASITIC SRR TRIPLET

(51) Int. Cl.

H01Q 9/04 (2006.01)

H01Q 1/38 (2006.01)

H01Q 5/378 (2015.01)

H01Q 13/08 (2006.01)

H01Q 13/20 (2006.01)

H01Q 5/25 (2015.01)

(45) 03.06.2021

(72) Varshney, Atul; Sharma, Vipul; Arya, Vivek

(74) Vivek Arya

Verma, A. see Shrivastava, A.

(21) 2021101744

(71) Verma, M.; Ghritlahre, H.K.; Reddy, Y.S.K.; Sinha, S.L.; Rajyalakshmi, K.; Dasore, A.; Balijepalli, R.; Chaurasiya, P.K.; Dhakar, K.; Rajak, U.

(11) AU-A-2021102000

(21) 2021102000 (22) 18.04.2021

(54) A SMART DEVICE FOR MAINTAIN GREENHOUSE CONTROLLING ENVIRONMENTS PARAMETERS.

(51) Int. Cl.

G06Q 50/02 (2012.01)

H04W 4/38 (2018.01)

G16Y 10/05 (2020.01)

(31) UNKNOWN (32) 18.04.21 (33) AU

(45) 03.06.2021

(72) Verma, Manoj; Ghritlahre, Harish Kumar; Reddy, Y. Siva Kumar; Sinha, Shobha Lata; Rajyalakshmi, K.; Dasore, Abhishek; Balijepalli, Ramakrishna; Chaurasiya, Prem Kumar; Dhakar, Krishnakant; Rajak, Upendra

(74) Maulesh Parikh

(71) Viforj, J.

(11) AU-A-2021102141

(21) 2021102141 (22) 22.04.2021

(54) Cot with a moveable base

(51) Int. Cl.

A47D 7/03 (2006.01)

A47D 9/00 (2006.01)

(31) 2020903856 (32) 23.10.20 (33) AU

(45) 03.06.2021

(72) Viforj, Jubilee

(74) Armour IP Pty Ltd

Vijay Prasad, S. see Obulesu, O.

(21) 2021101959

Vinaya Kumari, N. see Obulesu, O.

(21) 2021101959

(71) Vishwakarma Institute of Information Technology

(11) AU-A-2021101850

(21) 2021101850 (22) 11.04.2021

(54) A SYSTEM FOR ATM USER INTER-FACE EVALUATION

(51) Int. Cl.

G07D 11/60 (2019.01)

G06F 3/0354 (2013.01)

(45) 03.06.2021

(72) Kulkarni, Saroja Mangesh; Uplenchar, Prasad; Gupta, Kunal; Mangale, Siddharth; Sangale, Onkar; Patil, Swati Bula

(74) Vishwakarma Institute of Information Technology

(71) Vishwakarma Institute of Information Technology

(11) AU-A-2021101851

(21) 2021101851 (22) 12.04.2021

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(54) A deep learning based system for automatic segmentation and quantification of covid-19 in CT images

(51) Int. Cl.

G06T 7/00 (2017.01)

G06N 20/00 (2019.01)

G06K 9/62 (2006.01)

G06N 3/02 (2006.01)

G06N 5/02 (2006.01)

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(74) Vishwakarma Institute of Information Technology

(71) Vishwakarma Institute of Information Technology

(11) AU-A-2021101887

(21) 2021101887 (22) 13.04.2021

(54) A SYSTEM FOR SOIL QUALITY ANALYSIS

(51) Int. Cl.

G16Y 10/05 (2020.01)

A01B 79/00 (2006.01)

G06Q 50/02 (2012.01)

G16Y 20/10 (2020.01)

G16Y 40/20 (2020.01)

(45) 03.06.2021

(72) Pawar, Suvama Eknath; Shah, Maitri; Sayale, Sagar; Wilkhu, Prabjot

(74) Vishwakarma Institute of Information Technology

(71) Vishwakarma Institute of Information Technology

(11) AU-A-2021101888

(21) 2021101888 (22) 13.04.2021

(54) SYSTEM AND METHOD FOR CORROSION PREDICTION IN OIL AND GAS PIPELINE

(51) Int. Cl.

F17D 5/06 (2006.01)

G01N 17/04 (2006.01)

G06F 17/18 (2006.01)

G06N 20/00 (2019.01)

G06Q 50/02 (2012.01)

G06Q 50/06 (2012.01)

(45) 03.06.2021

(72) Pawar, Suvama Eknath; Sanghvi, Sakshi; Sharma, Nirali; Choudhary, Swati

(74) Vishwakarma Institute of Information Technology

Vyas, A. see Kshirsagar, P.R.

(21) 2021101471

Vyas, S. see Dipen Derashri, P.

(21) 2021101844

Walia, R. see Singh, C.

(21) 2021102086

Warudkar, V. see Paliwal, P.

(21) 2021101964

Water Conservancy And Construction Institute of Xinjiang Shihezi Vocational College see Xinjiang Academy Agricultural and Reclamation Science

(21) 2021102012

(71) Woodland Mills Inc.

(11) AU-A-2021102157

(21) 2021102157 (22) 23.04.2021

(54) FLYWHEEL AND PADDLE ASSEMBLY FOR A CHIPPING OR SHREDDING APPARATUS, AND AN APPARATUS INCORPORATING SAME

(51) Int. Cl.

B02C 18/24 (2006.01)

B02C 18/22 (2006.01)

B27L 11/00 (2006.01)

(45) 03.06.2021

(62) 2019352910

(72) Bramley, Neil K.; Malcolm, Joshua J.

(74) Phillips Ormonde Fitzpatrick

Wuhan Bishui Investment Operation Co., Ltd. see China Railway Tunnel Group Co., Ltd

(21) 2021101941

Wuhan Bishui Investment Operation Co., Ltd. see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.

(21) 2021101948

Wuhan CBD Urban Construction Development Co. Ltd see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.

(21) 2021101944

Wuhan Hanyang Municipal Construction Group CO.LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd

(21) 2021101920

Wuhan Hanyang Municipal Construction Group CO.LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd

(21) 2021101922

Wuhan Hanyang Municipal Construction Group CO.LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.

(21) 2021101935

Wuhan Hanyang Municipal Construction Group CO.LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd

(21) 2021101939

Wuhan Hanyang Municipal Construction Group CO.LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.

(21) 2021101944

Wuhan Hanyang Municipal Construction Group CO.LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.

(21) 2021101945

Wuhan Hanyang Municipal Construction Group CO.LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.

(21) 2021101949

Wuhan Hanyang Municipal Construction Group CO.LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.

(21) 2021101949

(71) Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd; Huazhong University of science and technology; Nanyang Technological University, Singapore; China Construction Third Engineering Bureau Co.,Ltd; Wuhan Institute of landscape architectural design CO. LTD; Wuhan Zhongcheng Industrial Development CO.,LTD.

(11) AU-A-2021101917

(21) 2021101917 (22) 14.04.2021

(54) Intelligent prediction and multi-objective optimization control method for ground settlement induced by subway tunnel construction

(51) Int. Cl.

G06F 30/25 (2020.01)

G05B 19/042 (2006.01)

G06F 17/14 (2006.01)

G06F 30/27 (2020.01)

G05B 13/04 (2006.01)

G05B 17/02 (2006.01)

G05B 23/02 (2006.01)

(45) 03.06.2021

(72) Wu, Xianguo; Chen, Hongyu; Deng, Tingting; Liu, Qian; Wang, Hongtao; Yang, Tingyou; Dai, Xiaosong; Ou, Xingwei; Xu, Wensheng; Qin, Yawei; Wu, Kebao; Wang, Hu; Zhang, Zhongy-ang; Zhou, Chenghao; Tang, Xinyu

(74) Alder IP Pty Ltd

(71) Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd; Huazhong University of science and technology; Guiyang Urban Rail Transit CO.,LTD; Wuhan Metro Group Co., Ltd.; Wuhan Han-

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- yang Municipal Construction Group
CO.LTD; wuhan Institute of landscape
architectural design CO. LTD; Wuhan
Zhongcheng Industrial Development
CO.,LTD.
- (11) AU-A-2021101920
(21) 2021101920 (22) 14.04.2021
(54) Multi-objective intelligent optimization
control method of shield construction
parameters based on data mining
- (51) Int. Cl.
G05B 13/02 (2006.01)
G05B 13/04 (2006.01)
G06N 20/20 (2019.01)
G06Q 50/02 (2012.01)
E21D 9/06 (2006.01)
G05B 17/02 (2006.01)
G06F 111/06 (2020.01)
- (45) 03.06.2021
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Hongyu; Wang, Hongtao; Yang, Tingy-
ou; Dai, Xiaosong; Ou, Xingwei; Wang,
Chenglong; Huang, Jinlong; Qin, Yawei;
Xu, Wensheng; Wu, Kebao
- (74) Alder IP Pty Ltd
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- (71) Wuhan Huazhong University of science
and Technology Testing Technology
Co., Ltd; Huazhong University of sci-
ence and technology; China Construc-
tion Third Engineering Bureau Co.,Ltd;
Nanyang Technological University,
Singapore; Wuhan Municipal Engineer-
ing Quality Supervision Station; Wuhan
Hanyang Municipal Construction Group
CO.LTD; China Construction Ready
Mixed Concrete Co.Ltd.
- (11) AU-A-2021101922
(21) 2021101922 (22) 14.04.2021
(54) A machine-made sand green concrete
and a preparation method thereof
- (51) Int. Cl.
C04B 28/04 (2006.01)
C04B 40/00 (2006.01)
- (45) 03.06.2021
(72) Wu, Xianguo; Yang, Sai; Liu, Qiong;
Chen, Hongyu; Wang, Hongtao; Zhao,
Rixu; Wang, Chenglong; Huang, Jin-
long; Zhu, Haijun; Liu, Wenli; Wang,
Yanyu; Wang, Kunyu; Qin, Yawei; Xu,
Wensheng; Wu, Kebao; Gao, Fei;
Huang, Hanxiang
- (74) Alder IP Pty Ltd
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- (71) Wuhan Huazhong University of science
and Technology Testing Technology
Co., Ltd; Huazhong University of sci-
ence and technology; China Construc-
tion Third Engineering Bureau Co.,Ltd;
Nanyang Technological University,
Singapore; Wuhan Municipal Engineer-
ing Quality Supervision Station; Wuhan
Hanyang Municipal Construction Group
CO.LTD; China Construction Ready
Mixed Concrete Co.Ltd.
- (11) AU-A-2021101939
(21) 2021101939 (22) 15.04.2021
(54) A concrete durability surface protection
intervention material and a preparation
method thereof
- (51) Int. Cl.
C04B 41/52 (2006.01)
C04B 28/04 (2006.01)
C08K 3/22 (2006.01)
C08K 3/36 (2006.01)
C09D 1/08 (2006.01)
C09D 127/12 (2006.01)
- (45) 03.06.2021
(72) Wu, Xianguo; Liu, Qiong; Yang, Sai;
Wang, Hongtao; Zhao, Rixu; Zhu,
Haijun; Wang, Chenglong; Huang, Jin-
long; Wu, Jifeng; Chen, Yan; Qin, Ya-
wei; Xu, Wensheng; Wu, Kebao; Wang,
Qiannian; Li, Tiejun; Gao, Fei; Huang,
Hanxiang
- (74) Alder IP Pty Ltd
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- Wuhan Huazhong University of science
and Technology Testing Technology Co.,
Ltd see China Railway Tunnel Group
Co.,Ltd**
(21) 2021101941
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- Wuhan Huazhong University of science
and Technology Testing Technology
Co., Ltd see Guiyang Urban Rail Transit
CO.,LTD**
(21) 2021101951
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- (71) Wuhan Huazhong University of sci-
ence and Technology Testing Techno-
logy Co., Ltd.; Wuhan Metro Group Co.,
Ltd.; Huazhong University of science
and technology; Nanyang Technological
University, Singapore
- (11) AU-A-2021101934
(21) 2021101934 (22) 15.04.2021
(54) Intelligent prediction of shield existing
tunnels and multi objective optimization
control method of construction paramet-
ers based on data drive
- (51) Int. Cl.
G05B 13/04 (2006.01)
G05B 19/042 (2006.01)
G05B 19/408 (2006.01)
E21D 9/06 (2006.01)
G06F 17/10 (2006.01)
G06N 20/20 (2019.01)
G06F 111/06 (2020.01)
- (45) 03.06.2021
(72) Wu, Xianguo; Wang, Hongtao; Chen,
Hongyu; Yang, Tingyou; Dai, Xiaosong;
Ou, Xingwei; Qin, Yawei; Xu, Wen-
sheng; Wu, Kebao
- (74) Alder IP Pty Ltd
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- (71) Wuhan Huazhong University of science
and Technology Testing Technology
Co., Ltd.; Huazhong University of sci-
ence and technology; Nanyang Tech-
nological University, Singapore; China
Construction Third Engineering Bureau
Co.,Ltd; Wuhan Municipal Engineer-
ing Quality Supervision Station; Wuhan
Hanyang Municipal Construction Group
- CO.LTD; China Construction Ready
Mixed Concrete Co.Ltd.; Nanyang Technological
University, Singapore; Wuhan Municip-
al Engineering Quality Supervision Sta-
tion; Wuhan Hanyang Municipal Con-
struction Group CO.LTD; wuhan Insti-
tute of landscape architectural design
CO. LTD; Wuhan CBD Urban Construc-
tion Development Co. Ltd
- (11) AU-A-2021101944
(21) 2021101944 (22) 15.04.2021
- CO.LTD; China Construction Ready
Mixed Concrete Co.Ltd.
- (11) AU-A-2021101935
(21) 2021101935 (22) 15.04.2021
(54) A method for intelligently and synergist-
ically improving the durability of green
concrete under complex environment
- (51) Int. Cl.
G01N 33/38 (2006.01)
G01N 17/00 (2006.01)
G06N 3/02 (2006.01)
- (45) 03.06.2021
(72) Wu, Xianguo; Chen, Hongyu; Wang,
Hongtao; Zhao, Rixu; Zhu, Haijun; Wu,
Jifeng; Zhang, Haowei; Wu, Jifeng;
Zhang, Haowei; Xu, Wensheng; Qin,
Yawei; Wu, Kebao; Wang, Kunyu;
Wang, Qiannian; Gao, Fei; Huang,
Hanxiang
- (74) Alder IP Pty Ltd
-
- Wuhan Huazhong University of science
and Technology Testing Technology Co.,
Ltd. see Wuhan Metro Group Co., Ltd.**
(21) 2021101942
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- (71) Wuhan Huazhong University of science
and Technology Testing Technology
Co., Ltd.; Wuhan Metro Group Co., Ltd.;
Huazhong University of science and
technology; China Construction Third
Engineering Bureau Co.,Ltd
- (11) AU-A-2021101943
(21) 2021101943 (22) 15.04.2021
(54) A construction control method for a
subway shield to penetrate through ex-
isting buildings
- (51) Int. Cl.
E21D 9/06 (2006.01)
E21D 9/00 (2006.01)
E21D 9/14 (2006.01)
E21D 11/00 (2006.01)
- (45) 03.06.2021
(72) Zeng, Tiemei; Wu, Xianguo; Chen, Bin;
Wang, Hongtao; Yang, Tingyou; Dai,
Xiaosong; Ou, Xingwei; Chen, Hongyu;
Feng, Zongbao; He, Minjie; Li, Yang;
Qin, Yawei; Xu, Wensheng; Wu, Kebao;
Yang, Sai; Liu, Qiong; Liu, Qian; Deng,
Tingting
- (74) Alder IP Pty Ltd
-
- (71) Wuhan Huazhong University of science
and Technology Testing Technology
Co., Ltd.; Huazhong University of sci-
ence and technology; China Construc-
tion Third Engineering Bureau Co.,Ltd;
China Construction Ready Mixed Con-
crete Co.Ltd.; Nanyang Technological
University, Singapore; Wuhan Municip-
al Engineering Quality Supervision Sta-
tion; Wuhan Hanyang Municipal Con-
struction Group CO.LTD; wuhan Insti-
tute of landscape architectural design
CO. LTD; Wuhan CBD Urban Construc-
tion Development Co. Ltd
- (11) AU-A-2021101944
(21) 2021101944 (22) 15.04.2021

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(54) A supporting and connecting device for prefabricated wall panel of prefabricated structure

(51) Int. Cl.

E04G 21/26 (2006.01)

E04G 11/06 (2006.01)

E04G 17/04 (2006.01)

E04G 21/16 (2006.01)

E04G 23/04 (2006.01)

E04G 25/02 (2006.01)

E02D 17/08 (2006.01)

E04G 25/00 (2006.01)

(45) 03.06.2021

(72) Wu, Xianguo; Chen, Hongyu; Wang, Hongtao; Zhao, Rixun; Zhu, Haijun; Wang, Chenglong; Huang, Jinlong; Xu, Wensheng; Wu, Kebao; Gao, Fei; Huang, Hanxiang; Wu, Jifeng; Zhang, Haowei; Chen, Yan; Wang, Qiannian; Qin, Yawei; Xu, Wensheng; Wu, Kebao

(74) Alder IP Pty Ltd

(71) Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.; Huazhong University of science and technology; Nanyang Technological University, Singapore; CHINA RAILWAY 11 BUREAU GROUP CO.,LTD; China Construction Third Engineering Bureau Co.,Ltd; Wuhan Hanyang Municipal Construction Group CO.LTD; wuhan Institute of landscape architectural design CO. LTD; Wuhan Zhongcheng Industrial Development CO.,LTD.

(11) AU-A-2021101945

(21) 2021101945 (22) 15.04.2021

(54) A Construction Control Method for Shield Tunneling Through Existing Operating Lines

(51) Int. Cl.

E21D 9/14 (2006.01)

E21D 9/093 (2006.01)

(45) 03.06.2021

(72) Wu, Xianguo; Chen, Hongyu; Wang, Hongtao; Zeng, Tiemei; Zhang, Xudong; Yang, Tingyou; Dai, Xiaosong; Ou, Xingwei; Zhang, Limao; chen, hongyu; Xu, Wensheng; Qin, Yawei; Wu, Kebao; Wang, Qiannian; Wu, Jifeng; Zhang, Haowei; Chen, Yan

(74) Alder IP Pty Ltd

(71) Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.; Huazhong University of science and technology; Nanyang Technological University, Singapore; wuhan Institute of landscape architectural design CO. LTD; China Railway Tunnel Group Co.,Ltd; Wuhan Bishui Investment Operation Co., Ltd.

(11) AU-A-2021101948

(21) 2021101948 (22) 15.04.2021

(54) A concrete durability detection method based on cloud model and D-S evidence theory

(51) Int. Cl.

G01N 33/38 (2006.01)

G06K 9/62 (2006.01)

G06N 20/00 (2019.01)

(45) 03.06.2021

(72) Wu, Xianguo; Chen, Hongyu; Yang, Sai; Liu, Qiong; Chen, Bin; Liu, Qian; Deng, Tingting; Xu, Wensheng; Wu, Kebao; Qin, Yawei; Wang, Hu; Zhang, Zhongyang; Zhou, Chenghao; Tang, Xinyu

(74) Alder IP Pty Ltd

(71) Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.; Huazhong University of science and technology; China Construction Third Engineering Bureau Co.,Ltd; Wuhan Hanyang Municipal Construction Group CO.LTD; Nanyang Technological University, Singapore; Wuhan Municipal Engineering Quality Supervision Station; China Construction Ready Mixed Concrete Co.Ltd.; Wuhan Hanyang Municipal Construction Group CO.LTD; wuhan Institute of landscape architectural design CO. LTD; Wuhan Zhongcheng Industrial Development CO.,LTD.

(11) AU-A-2021101949

(21) 2021101949 (22) 15.04.2021

(54) A Kind of Green High Performance Concrete

(51) Int. Cl.

C04B 28/04 (2006.01)

C04B 22/06 (2006.01)

C04B 103/30 (2006.01)

C04B 103/56 (2006.01)

(45) 03.06.2021

(72) Wu, Xianguo; Wang, HongTao; Liu, Qian; Deng, Tingting; Zhao, Rixu; Zhu, Haijun; Zhang, Limao; Chen, Bin; Chen, Hongyu; Wang, Hongsheng; Xu, Wensheng; Qin, Yawei; Wu, Kebao; Gao, Fei; Huang, Hanxiang; Liu, Qiong; Yang, Sai; Feng, Zongbao

(74) Alder IP Pty Ltd

wuhan Institute of landscape architectural design CO. LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd
(21) 2021101920

wuhan Institute of landscape architectural design CO. LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101944

wuhan Institute of landscape architectural design CO. LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101945

wuhan Institute of landscape architectural design CO. LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.

versity of science and Technology Testing Technology Co., Ltd.

(21) 2021101948

wuhan Institute of landscape architectural design CO. LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101949

Wuhan Institute of landscape architectural design CO. LTD see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd
(21) 2021101917

Wuhan Metro Group Co., Ltd. see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd
(21) 2021101920

Wuhan Metro Group Co., Ltd. see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101934

(71) Wuhan Metro Group Co., Ltd.; Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.; Huazhong University of science and technology

(11) AU-A-2021101942

(21) 2021101942 (22) 15.04.2021

(54) A safety risk evaluation and control method for subway approaching excavation

(51) Int. Cl.

G05B 23/02 (2006.01)

G06Q 10/06 (2012.01)

G06Q 50/08 (2012.01)

G05B 13/02 (2006.01)

G06N 5/04 (2006.01)

(45) 03.06.2021

(72) zhang, Jun; Yao, Chunjiao; Wang, Jinfeng; Zeng, Tiemei; Tao, Wentao; Wu, Xianguo; Xu, Wensheng

(74) Alder IP Pty Ltd

Wuhan Metro Group Co., Ltd. see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101943

Wuhan Municipal Engineering Quality Supervision Station see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd
(21) 2021101922

Wuhan Municipal Engineering Quality Supervision Station see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.

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(21) 2021101935

Wuhan Municipal Engineering Quality Supervision Station see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd
(21) 2021101939

Wuhan Municipal Engineering Quality Supervision Station see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101944

Wuhan Municipal Engineering Quality Supervision Station see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101949

Wuhan Zhongcheng Industrial Development CO.,LTD. see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd
(21) 2021101917

Wuhan Zhongcheng Industrial Development CO.,LTD. see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd
(21) 2021101920

Wuhan Zhongcheng Industrial Development CO.,LTD. see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101945

Wuhan Zhongcheng Industrial Development CO.,LTD. see Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.
(21) 2021101949

(71) Xiamen Institute of Rare Earth Materials
(11) AU-A-2021102037
(21) 2021102037 (22) 19.04.2021
(54) OXIME FERROCENECARBOXYLATE DERIVATIVE, PREPARATION METHOD THEREFOR AND USE THEREOF
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A61K 31/295 (2006.01)
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2020104415	Matchbox Exchange Pty Ltd	2021101844	Dipen Derashri, P.; Saurabh, P.; Setia, S.; Sood, K.; Vyas, S.; Sakhlecha, M.; Dubey, N.; Sinha, H.; Kumar Tiwari, M.; Seth, N.; Maurya, N.; Chandra Panda, R. Chaitanya, N.; Kolla, N.; Brahmaiah Naik, J.; Kameswari, G.; Kumari, G.; Radhika, K.; Sunil Prakash, M.; Bindaj Karpurapu, A.; Annapurna, G.; Kavitha, D. D., S.; T., M.; R., G.; E.N., G.; V., S.; Nassa, V.K.; K. MEENA
2020104424	Guangdong Ocean University	2021101845	Kumar, V.; Kalra, G.S.; Dhami, J.K.; Pathak, D.; Gautam, S.P.; Singh, S.; Dhiman, N.K.; Rana, P.; Sidhu, J.S.; Saruchi
2021100098	S, M.; G, R.N.K.; Dilip, G.; G, H.R.; Sivalingam, S.M.; P, B.S.; S, S.K.; Lokku, G.	2021101846	Shrivastava, A.; Kumar Kumawat, M.; Mukati, N.; Nam- dev, N.; Dwivedi, R.; Madhu, V.; Kumar Jain, S.; Banik, A.; C. Patil, P.; P. Sabale, R. Conway, R.
2021100139	Acharya, B.; Pandharbale, P.B.; Sahoo, B.M.; Das, P.; S, D.; ., A.; Rajesh, L.; Sagayam, K.M.; Jamader, A.R.	2021101847	Vishwakarma Institute of Information Technology
2021100150	Arun, M.R.; Sahoo, S.K.; Nayak, B.; Indrani, B.; K G M, P.; Bakhtiani, R.; Pandian, M.; Kaliappan, N.; Karpurapu, A.B.; Sridevi, R.; Arun, V.	2021101851	Vishwakarma Institute of Information Technology
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2021100441	Srivenkatesh, M.; Sitha Ram, M.; Revathi, V.; Hima- Bindu, G.; Shanthi, D.; Kumari, C.; Santhi, J.; Biswas, P.; sheetal, A.; Silas, S.	2021101854	Tangshan University
2021101047	Beijing Institute of Technology	2021101855	Shanghai Maritime University
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2021101338	AUSTRALIAN INSTITUTE FOR CANCER MEDICINE INNOVATION PTY LTD	2021101863	Affiliated Hospital of YouJiang Medical University for Nationalities
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2021101471	Kshirsagar, P.R.; kumar, A.; Boddu, R.; Sahoo, S.; Bangad, P.; Pal, P.; Rajkumar, R.; Kumar, S.A.; Kumar, C.L.; Vyas, A.; Jeyapaul, S.J.K.; Rawool, A.A.; Praval- lika, S.; Krishnaiah, N.; Peroumal, V.	2021101866	Affiliated Hospital of YouJiang Medical University for Nationalities
2021101516	Rana, A.K.; Karelia, N.; Naruka, T.; Pal, V.C.; Ganguli, S.; Sohane, A.	2021101867	Glass Outlet IP Pty Ltd
2021101547	Meyers Turner, K.; Turner, R.J.	2021101868	Nankai University
2021101556	MOHAMMED, A.; KHAN, A.A.; MAAZ, A.; J, D.P.; G, S.R.; K, S.S.; Bireddy, S.R.; JAVED, S.; Mirzana, I.M.; NBV, L.K.; MOHAMMED, S.; Shaik, M.	2021101870	Southwest University
2021101630	Enshi Tujia and Miao Autonomous Prefecture Central Hospital	2021101871	Xuzhou University of Technology
2021101637	Plungie IP Pty Ltd	2021101872	Xi'an Technological University
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2021101661	China Institute of Water Resources and Hydropower Research; Anhui University of Science and Technology	2021101876	Liuzhou People's Hospital
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2021101691	Glass Outlet BNE Pty Ltd	2021101880	Dongguan Best Travel Electronics Co.,Ltd.
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2021101744	Shrivastava, A.; Singh, A.K.; Jaiswal, S.; Jain, J.K.; Sharma, A.K.; Bolukonda, D.; Reddy, K.C.; Chaurasia, P.K.; Ilyas, M.; Raghuvanshi, R.; Verma, A.	2021101883	CYCLINGDEAL USA, INC.
2021101751	Dongguan University of Technology	2021101884	Bailey, R.
2021101757	Harbin Engineering University	2021101885	Institute of Animal Science, Guangdong Academy of Agricultural Sciences
2021101758	Naikodi, C.; H P, N.; M, R.	2021101886	FIN-PAY TECHNOLOGY PTY LTD
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2021101782	Qingdao Kelaima IoT Technology Co., Ltd.; Qingdao In- teractive IoT Technology Co., Ltd.	2021101889	Anhui University of Science and Technology
2021101783	East China Jiaotong University	2021101890	Acharya, B.; Makkar, S.; Nanda, I.; Dash, A.; Das, P.; Jamader, A.R.; Nath, M.P.; Dash, S.S.; Shahi, S.K.
2021101808	China Institute of Water Resources and Hydropower Research	2021101891	Taylor, A.
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2021101812	Shenzhen Xinhongjia Electronics Co., Ltd.	2021101895	Qingdao Agricultural University
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		2021101897	DIXIT, P.; PILLAI, B.; ARJARIA, A.; CHOURASIA, U.; CHOURASIA, K.
		2021101898	Varshney, A.; Sharma, V.; Arya, V.
		2021101901	M, P.; Malviya, M.; Sivaraju, S.; G, G.M.

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2021101905	Guang 'an People's Hospital		
2021101906	The Third Affiliated Hospital of Chongqing Medical University (Gener Hospital)	2021101940	Ryebucks Portables Pty Ltd
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2021101911	Tianjin University of Science and Technology	2021101944	Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.; Huazhong University of science and technology; Nanyang Technological University, Singapore; China Construction Third Engineering Bureau Co., Ltd; China Construction Ready Mixed Concrete Co.Ltd.; Nanyang Technological University, Singapore; Wuhan Municipal Engineering Quality Supervision Station; Wuhan Hanyang Municipal Construction Group CO.LTD; Wuhan Institute of landscape architectural design CO. LTD; Wuhan Zhongcheng Industrial Development CO.,LTD.
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2021101914	Institute of Grain Crops, Yunnan Academy of Agricultural Sciences; Institute of Quality Standards and Testing Technology, Yunnan Academy of Agricultural Sciences	2021101945	Ocean University of China; Tiangong University; Qingdao University of Science & Technology
2021101915	Bailey Outdoor Advertising Pty Ltd	2021101947	Ocean University of China; Qingdao University of Science & Technology; Tiangong University
2021101916	Idearlabs Pty Ltd	2021101948	Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.; Huazhong University of science and technology; Nanyang Technological University, Singapore; CHINA RAILWAY 11 BUREAU GROUP CO.,LTD; China Construction Third Engineering Bureau Co.,Ltd; Wuhan Hanyang Municipal Construction Group CO.LTD; wuhan Institute of landscape architectural design CO. LTD; Wuhan Zhongcheng Industrial Development CO.,LTD.
2021101917	Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd; Huazhong University of science and technology; Nanyang Technological University, Singapore; China Construction Third Engineering Bureau Co.,Ltd; Wuhan Institute of landscape architectural design CO. LTD; Wuhan Zhongcheng Industrial Development CO.,LTD.	2021101949	Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.; Huazhong University of science and technology; Nanyang Technological University, Singapore; wuhan Institute of landscape architectural design CO. LTD; China Railway Tunnel Group Co., Ltd; Wuhan Bishui Investment Operation Co., Ltd. Wuhan Huazhong University of science and Technology Testing Technology Co., Ltd.; Huazhong University of science and technology; China Construction Third Engineering Bureau Co.,Ltd; Wuhan Hanyang Municipal Construction Group CO.LTD; Nanyang Technological University, Singapore; Wuhan Municipal Engineering Quality Supervision Station; China Construction Ready Mixed Concrete Co.Ltd.; Wuhan Hanyang Municipal Construction Group CO.LTD; wuhan Institute of landscape architectural design CO. LTD; Wuhan Zhongcheng Industrial Development CO.,LTD.
2021101918	Jilin University		
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2021101932	Acharya, B.; Makkar, S.; Sharma, H.; Nanda, I.; Dash, A.; Das, S.B.; Khan, N.R.; Imam, H.; Das, P.; Jamader, A.R.		
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2021101961	Mohanty, I.; Maurya, R.; Gupta, S.; Setia, S.; Mehta, K.; Kumar, V.; Haldhar, R.; Bhatt, D.; Kumar, M.; Sheikh, T.H.; Sewal, N.; ., P.; Manoj, A.	2021102013	China Railway 18th Bureau Group Co., Ltd.; Jiangnan University
2021101963	Hebei Agricultural University; Institute Of Agricultural Resources And Environment Hebei Academy Of Agriculture And Forestry Sciences	2021102014	Hangzhou Aoxin Technology Co., Ltd.
2021101964	Paliwal, P.; Thakur, T.; Arya, A.; Warudkar, V.; Arya, M.; Bhagat, A.	2021102020	Henan Agricultural University
2021101965	Institute of Lycium Barbarum Science, Ningxia Academy of Agricultural and Forestry Sciences	2021102021	Lonman Auto Accessories Co., Ltd.
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2021101980	BFRE Pty Ltd	2021102081	University of Science and Technology Beijing
2021101982	Dasore, A.; Nashine, P.; Rajak, U.; Sinha, S.L.; Dwivedi, G.; Singh, T.S.; Shukla, A.K.; Sharma, A.; Kumar, S.V.R.; Chaurasiya, P.K.; Kumar, T.R.	2021102086	Singh, C.; Chauhan, D.; Walia, R.; Singh, K.P.; Tiwari, V.; Asokan, A.; Bajpai, A.; Ahmad, S.; Prasad, G.N.R.; Bhatt, P.K.
2021101986	Acharya, B.; Nanda, I.; Makkar, S.; Khatua, L.; Imam, H.; Khan, N.R.; Barskar, R.; Mishra, D.B.; Das, P.; Jamader, A.R.	2021102099	Patil, R.; Kashid, P.V.; Kashid, V.A.; R, H.S.; Manekar, A.U.; Patil, V.; Rao, D.V.M.
2021101989	Arularasu, S.; Chakrabarti, T.; Hati, A.S.; Chhawaharia, P.; Gantayat, S.S.; Gandhi, S.; Parne, S.R.; Lakavat, M.; Gandhi, S.; Singh, A.K.; Chakrabarti, P.; Jayabalan, S.	2021102100	Indian Ocean Engineering Pty Ltd
2021101990	Chitrakala, G.; Mohan, V.; Stalin, N.; Jeevananthan, S.	2021102109	Chinese Academy of Surveying & Mapping
2021101991	Sichuan Agricultural University	2021102110	SPECTA TECHNOLOGIES PTY LIMITED
2021101993	Love Jessie Pty Ltd	2021102111	DUSA Pharmaceuticals, Inc.
2021101995	D, P.K.; Rehman, T.B.; Malathi, L.; Manihar, S.; Mulugeta, B.D.; Selvaraj, V.; Udayakumar, S.; Subramani, T.; Srinivas, K.; Rao, T.S.	2021102113	Bozhou University
2021101996	Kumar, N.; Sharma, R.; Makkar, S.; Mishra, A.; Chauhan, A.; Kharb, L.; Sharma, A.; Tanwar, P.; Bhargava, R.	2021102123	LIU, B.
2021102000	Verma, M.; Ghritlahre, H.K.; Reddy, Y.S.K.; Sinha, S.L.; Rajyalakshmi, K.; Dasore, A.; Balijepalli, R.; Chaurasiya, P.K.; Dhakar, K.; Rajak, U.	2021102137	Xuzhou University of Technology
2021102002	Nanjing Institute for Comprehensive Utilization of Wild Plants, All China Federation of Supply and Marketing Cooperatives; Shandong Jiuxin Biological Technology Co., Ltd	2021102139	Jinan University; Guangdong Provincial People's Hospital; Tea Research Institute, Guangdong Academy of Agricultural Sciences
2021102003	Affiliated Hospital of Youjiang Medical University for Nationalities	2021102141	Viforj, J.
2021102004	Hebei Chest Hospital	2021102157	Woodland Mills Inc.
2021102006	Beijing Technology and Business University	2021102159	Nanjing Chervon Industry Co., Ltd.
2021102007	Xiang, S.	2021102163	Jiangxi University of Science and Technology
2021102008	CHINA ELEVENTH CHEMICAL CONSTRUCTION CO., LTD.	2021102167	AITCHISON, A.; MACKIE, D.
2021102011	CHINA ELEVENTH CHEMICAL CONSTRUCTION CO., LTD.	2021102176	Dongying Zhengda Metal Products Co., Ltd.
		2021102189	NINGBO CASUALWAY LEISURE PRODUCTS CO., LTD.
		2021102216	OUTOTEC (FINLAND) OY
		2021102243	Hefei Institutes of Physical Science, Chinese Academy of Sciences
		2021102244	Dalian University of Technology
		2021102247	Kunming University of Science and Technology
		2021102255	The First Medical Center Chinese PLA General Hospital
		2021102259	Sugarcane Research Institute of Yunnan Academy of Agricultural Sciences

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<u>G01T 1 /-</u>	2021101047 2021101888 2021101917 2021101918 2021101934 2021101951 2021101964		<u>G07D 11 /-</u>	<u>G16Y 20 /-</u>	<u>H01R 31 /-</u>
2021102216		<u>G06N 5 /-</u>	2021101850	2021101848 2021101865 2021101887	2021101880
<u>G03B 15 /-</u>		2021101851 2021101942	<u>G08B 21 /-</u>		<u>H01R 4 /-</u>
2021101927	<u>G06F 21 /-</u>			<u>G16Y 30 /-</u>	2021101978
<u>G05B 13 /-</u>	2021101758 2021101937 2021101959 2021102167	<u>G06N 7 /-</u>	2021101705 2021101865 2021101890 2021101932 2021101975 2021102014	2021102086	<u>H01R 43 /-</u>
2021101556 2021101917 2021101920 2021101934 2021101942 2021101964 2021101989 2021102100	<u>G06F 3 /-</u>	<u>G06Q 10 /-</u>		<u>G16Y 40 /-</u>	2021101978
	2021100150 2021101758 2021101850 2021101986 2021102030	2021100098 2021101047 2021101942 2021101951 2021102081 2021102099 2021102110	<u>G08B 23 /-</u>	2021101887	<u>H02B 1 /-</u>
<u>G05B 17 /-</u>			2021101890	<u>G21K 1 /-</u>	2021101862
2021101917 2021101920	<u>G06F 30 /-</u>		<u>G08B 25 /-</u>	<u>H01B 1 /-</u>	<u>H02B 5 /-</u>
		<u>G06Q 20 /-</u>	2021101932	2021102216	2021101862
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				2021101751	

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2021101846	
	<u>H04R 3 /-</u>
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2021102167	<u>H04S 7 /-</u>
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2021101854	<u>H04W 12 /-</u>
<u>H02K 7 /-</u>	2021101758
2021101556	
	<u>H04W 4 /-</u>
<u>H02M 1 /-</u>	2021101705
2021101990	2021101782
	2021101897
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2021102243	<u>H04W 52 /-</u>
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	<u>H04W 84 /-</u>
<u>H02P 27 /-</u>	2021101782
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	2021101901
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<u>H02S 40 /-</u>	2021102086
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<u>H04L 12 /-</u>	2021101881
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2021101782	<u>H05K 7 /-</u>
2021101846	2021101854
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2021101964	<u>No IPC Mark</u>
2021102086	
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A61K 48/00 (2006.01)
C12N 9/22 (2006.01)
C12N 15/63 (2006.01)
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C25B 1/04 (2021.01)
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C07D 231/38 (2006.01)
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C07D 403/04 (2006.01)
C07D 403/08 (2006.01)
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C07C 201/04 (2006.01)
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A61M 1/00 (2006.01)
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B01D 1/20 (2006.01)
F28C 1/12 (2006.01)
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G06Q 10/00 (2012.01)

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A23L 2/56 (2006.01)

A23L 27/00 (2016.01)

A23L 27/12 (2016.01)

C12C 3/08 (2006.01)

C12C 5/02 (2006.01)

C12C 7/28 (2006.01)

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B22F 9/26 (2006.01)

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C08K 5/13 (2006.01)

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C08K 5/526 (2006.01)

F16L 9/12 (2006.01)

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C08G 18/48 (2006.01)

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C08G 18/79 (2006.01)

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C07D 491/056 (2006.01)
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C07D 471/04 (2006.01)
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C12M 3/06 (2006.01)
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H01L 21/00 (2006.01)
H01L 35/00 (2006.01)
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G06T 17/20 (2006.01)
A41H 1/02 (2006.01)
A41H 3/00 (2006.01)
G06T 7/50 (2017.01)
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G06K 7/10 (2006.01)
G06Q 20/20 (2012.01)
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H04L 9/08 (2006.01)
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H04L 29/06 (2006.01)
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C07K 16/28 (2006.01)
A61P 1/00 (2006.01)
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C07K 14/705 (2006.01)
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A61K 31/4985 (2006.01)
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A61P 43/00 (2006.01)
C07D 409/04 (2006.01)
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C07D 491/04 (2006.01)
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A01P 1/00 (2006.01)
A01P 15/00 (2006.01)
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C02F 1/50 (2006.01)

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C12N 1/04 (2006.01)
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G06Q 50/34 (2012.01)
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A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12N 1/15 (2006.01)
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G01J 5/16 (2006.01)
H01L 35/02 (2006.01)
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A61K 31/00 (2006.01)
A61F 13/00 (2006.01)
A61K 9/70 (2006.01)
A61K 31/155 (2006.01)
D06M 13/00 (2006.01)
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C12N 9/12 (2006.01)
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(51) Int. Cl.
A43B 13/14 (2006.01)
A43B 7/14 (2006.01)
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(21) 2019370374 **(22)** 31.10.2019
(54) Safening compositions comprising a phenoxy herbicide and cloquintocet for cereal crops and methods thereof
(51) Int. Cl.
A01N 25/32 (2006.01)
A01H 5/00 (2018.01)
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- A01N 35/06** (2006.01)
A01N 39/00 (2006.01)
A01N 43/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) Compositions comprising halauxifen and other herbicides and methods thereof
(51) Int. Cl.
A01N 43/40 (2006.01)
A01N 57/20 (2006.01)
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(54) Compositions comprising halauxifen and other herbicides and methods thereof
(51) Int. Cl.
A01N 43/40 (2006.01)
A01N 57/20 (2006.01)
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A01N 43/40 (2006.01)
A01N 57/20 (2006.01)
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(21) 2019374060 (22) 31.10.2019
(54) Compositions comprising halauxifen and other herbicides and methods thereof
(51) Int. Cl.
A01N 43/40 (2006.01)
A01N 57/20 (2006.01)
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(54) Apparatus to convert linear motion to rotary motion
(51) Int. Cl.
F16H 25/14 (2006.01)
F16H 25/08 (2006.01)
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(54) Fluid pump assemblies and kits, and related methods
(51) Int. Cl.
A01K 63/04 (2006.01)
F04D 13/02 (2006.01)
F04D 29/62 (2006.01)
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(51) Int. Cl.
B29C 43/52 (2006.01)
B29C 43/32 (2006.01)
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A61F 2/24 (2006.01)
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A61B 5/0215 (2006.01)
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
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A61K 31/506 (2006.01)
A61K 31/713 (2006.01)
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G06F 3/00 (2006.01)
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(54) Improved delivery of large agents
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/107 (2006.01)
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B67D 7/04 (2010.01)
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G16H 40/60 (2018.01)
A61B 5/055 (2006.01)
A61N 5/10 (2006.01)
G16H 30/40 (2018.01)
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G06F 21/60 (2013.01)
G06N 3/08 (2006.01)
G06T 1/40 (2006.01)
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(54) Insertion device
(51) Int. Cl.
A61M 5/158 (2006.01)
A61M 5/32 (2006.01)
A61M 25/06 (2006.01)
A61M 39/02 (2006.01)
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(51) Int. Cl.
A61F 13/02 (2006.01)
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(51) Int. Cl.
C07D 413/12 (2006.01)
A61K 31/343 (2006.01)
A61K 31/351 (2006.01)
A61K 31/357 (2006.01)
A61K 31/422 (2006.01)
A61K 31/4433 (2006.01)
A61P 25/00 (2006.01)
A61P 27/02 (2006.01)
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C07D 401/12 (2006.01)
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(54) Compounds for use as therapeutically active substances in the treatment and/or prevention of neuroretinal diseases
(51) Int. Cl.
A61P 27/02 (2006.01)
A61K 31/4164 (2006.01)
A61K 31/4409 (2006.01)
C07D 213/40 (2006.01)
C07D 263/32 (2006.01)
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(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/107 (2006.01)
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(54) Very long chain fatty acid compositions
(51) Int. Cl.
A61K 31/201 (2006.01)
A61K 31/202 (2006.01)
C11B 3/12 (2006.01)
C11C 1/10 (2006.01)
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(51) Int. Cl.
C07D 311/62 (2006.01)
A61K 31/353 (2006.01)
A61P 3/00 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
C07D 207/16 (2006.01)
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(54) Wear assembly
(51) Int. Cl.
E02F 9/24 (2006.01)
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(54) Operating room coating applicator and method
(51) Int. Cl.
A61L 17/14 (2006.01)
A61L 17/00 (2006.01)
A61L 29/08 (2006.01)
A61L 29/16 (2006.01)
A61L 31/10 (2006.01)
A61L 31/16 (2006.01)
B05D 1/00 (2006.01)
B05D 3/04 (2006.01)
C07F 15/00 (2006.01)
C08G 77/20 (2006.01)
C09D 183/04 (2006.01)
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(21) 2019389898 (22) 27.11.2019
(54) Operating room coating applicator and method
(51) Int. Cl.
A61L 17/14 (2006.01)
A61L 17/00 (2006.01)
A61L 29/08 (2006.01)

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B05D 1/00 (2006.01)
B05D 3/04 (2006.01)
C07F 15/00 (2006.01)
C08G 77/20 (2006.01)
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(51) Int. Cl.
A61L 29/16 (2006.01)
A61L 17/00 (2006.01)
A61L 31/16 (2006.01)
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(54) Operating room coating applicator and method
(51) Int. Cl.
A61L 17/14 (2006.01)
A61L 17/00 (2006.01)
A61L 29/08 (2006.01)
A61L 29/16 (2006.01)
A61L 31/10 (2006.01)
A61L 31/16 (2006.01)
B05D 1/00 (2006.01)
B05D 3/04 (2006.01)
C07F 15/00 (2006.01)
C08G 77/20 (2006.01)
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A61L 17/14 (2006.01)
A61L 29/08 (2006.01)
A61L 31/10 (2006.01)
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C08G 77/20 (2006.01)
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A61K 47/66 (2017.01)
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G06K 9/00 (2006.01)
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A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/574 (2006.01)
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(54) Position and orientation tracking system
(51) Int. Cl.
G05D 1/02 (2020.01)
B25J 9/16 (2006.01)
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C07K 16/00 (2006.01)
A61K 35/17 (2015.01)
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C12N 5/078 (2010.01)
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B01F 3/22 (2006.01)
B01F 7/16 (2006.01)
B01F 15/00 (2006.01)
B01F 15/04 (2006.01)
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(51) Int. Cl.
B25B 13/48 (2006.01)
A61C 3/08 (2006.01)
B25B 23/14 (2006.01)
B25B 23/142 (2006.01)
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(54) Methods and compositions for treatment of type 1 diabetes using fibroblasts as facilitators of islet engraftment
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A61K 35/00 (2006.01)
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A61K 9/127 (2006.01)
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A61K 31/44 (2006.01)
A61P 25/00 (2006.01)
A61P 35/00 (2006.01)
C07C 233/75 (2006.01)
C07D 205/04 (2006.01)
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G06F 21/60 (2013.01)
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G07C 1/24 (2006.01)
H01Q 1/52 (2006.01)
H01Q 7/00 (2006.01)
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F01D 25/24 (2006.01)
F16B 1/00 (2006.01)
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C07K 16/24 (2006.01)
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A61M 5/20 (2006.01)
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C05C 1/00 (2006.01)
C05C 5/00 (2006.01)
C05C 7/00 (2006.01)
C05D 1/00 (2006.01)
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B29C 43/18 (2006.01)
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E02D 27/14 (2006.01)
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A01M 7/00 (2006.01)
G06K 9/32 (2006.01)
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2018447232	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019359300	Masimo Corporation
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2019354735	Mutualink, Inc.	2019360608	Merck Patent GmbH
2019355117	Tetra Tech, Inc.	2019360638	NovaBiotics Limited
2019355195	Span.IO, Inc.	2019360680	Jang, B.
2019355385	Fujikura Ltd.	2019360857	Cynity Co., Ltd.
2019355691	LG Electronics Inc.	2019360944	Purdue Research Foundation
2019355933	Cser, T.; Seaton, J.	2019361082	Robert Bosch GmbH
2019356177	Shell Internationale Research Maatschappij B.V.	2019361096	Regents of The University of Minnesota
2019356182	Coolbrook Oy	2019361124	Bristol-Myers Squibb Company
2019356410	KoBioLabs, Inc.	2019361206	Ambix, Inc.
2019356529	Elekta Ltd.	2019361252	CSL Behring GmbH
2019356578	Ghodrat, M.	2019361263	Thales
2019356833	Brewconcentrate BV	2019361324	Oraldent Limited
2019356907	Zillow Group, Inc.	2019361336	Chua, K.S.
2019356973	Seeds Capital Limited	2019361363	James, C.C.
2019356982	IQM Finland Oy	2019361631	Cartexell Inc.
2019357039	Genzyme Corporation	2019361731	Pact Group Industries (ANZ) Pty Ltd
2019357051	1266638 B.C. Unlimited Liability Company	2019361733	Commonwealth Scientific and Industrial Research Organisation
2019357057	Coulter Ventures, LLC	2019361737	MTI Group Pty Ltd
2019357100	Gree Electric Appliances, Inc. of Zhuhai	2019361742	Imtex Membranes Corp.
2019357270	Ancestry.com DNA, LLC	2019361781	Lantern Pharma Inc.
2019357450	Peking University; Edigene Inc.	2019361923	Five Prime Therapeutics, Inc.
2019357451	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2019361942	GLO Pharma, Inc.
2019357524	M-Techx Inc.	2019362009	Berkeley Lights, Inc.
2019357599	Children's Medical Center Corporation	2019362059	AERase, Inc.
2019357793	Ojo, Inc.	2019362100	Sanderson, J.P.
2019357859	Alivio Therapeutics, Inc.	2019362102	2659656 Ontario Limited
2019357862	Ligchine International Corporation	2019362145	Coded Data Limited
2019357908	Eubulus Biotherapeutics Inc.	2019362285	Imtex Membranes Corp.
2019357949	Light AI Inc.	2019362388	Thales
2019358143	China University of Mining and Technology	2019362389	Oncopeptides AB
2019358285	Henkel AG & Co. KGaA		

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

2019362415	Signifier Medical Technologies Limited	2019370270	USNR, LLC
2019362576	KHR Biotech GmbH (I. GR.)	2019370295	Alexion Pharmaceuticals, Inc.
2019362581	University College Dublin, National University of Ireland, Dublin	2019370301	Medtronic Minimed, Inc.
2019362602	Merck Patent GmbH	2019370374	Dow AgroSciences LLC
2019362747	Gero Discovery Limited Liability Company	2019370381	United States Gypsum Company
2019362770	Bristol-Myers Squibb Company	2019370491	Androvia Lifesciences, LLC
2019362863	University of Washington	2019370618	Peter MacCallum Cancer Institute
2019362890	EMED Technologies Corporation	2019370655	BD Kiestra B.V.
2019363145	Thales	2019370856	Elaflex Hiby GmbH & Co. KG
2019363173	Signifier Medical Technologies Limited	2019370930	La Marzocco S.r.l.
2019363232	Mazor Robotics Ltd.	2019371023	POSCO
2019363341	Japan Aerospace Exploration Agency	2019371223	BioAtla, Inc.
2019363541	Breville Pty Limited	2019371238	SomaLogic, Inc.
2019363595	Epirium Bio Inc.	2019371245	Advanced Aesthetic Technologies, Inc.
2019363601	Sharps Technology Inc.	2019371341	Loyalty Based Innovations, LLC
2019363653	Thales	2019371451	Netflix, Inc.
2019363657	Merck Patent GmbH	2019371463	Figene, LLC
2019363680	Arctic Biomaterials Oy	2019371464	Figene, LLC
2019363785	Alamarin-Jet Oy	2019371638	Sharp Kabushiki Kaisha
2019363848	Takeda Pharmaceutical Company Limited	2019371825	Nitrition 21, LLC
2019364045	Yamagen Co., Ltd.	2019371830	The Research Foundation for The State University of New York
2019364114	Samjin Pharmaceutical Co., Ltd.	2019371994	1Globe Biomedical Co., Ltd.; 1Globe Health Institute LLC
2019364148	Soul Machine Limited	2019372031	Electric Vehicles Enterprise Ltd.
2019364217	Breville Pty Limited	2019372059	Dow AgroSciences LLC
2019364258	SLSG Limited LLC	2019372097	Bobst Mex SA
2019364271	Alkahest, Inc.	2019372111	Rhodia Operations
2019364274	Intra-Cellular Therapies, Inc.	2019372130	Dow AgroSciences LLC
2019364298	Shanghai Bixiufu Enterprise Management Co., Ltd.	2019372132	Thomas Jefferson University
2019364352	Assembly Biosciences, Inc.	2019372140	United States Gypsum Company
2019364361	Lion Brothers Company, Inc.	2019372330	ESCO Group LLC
2019364416	Baudax Bio, Inc.	2019372392	Hust-Suzhou Institute for Brainsmatics
2019364424	Cser, T.; Seaton, J.	2019372432	Amydis, Inc.
2019364463	Shanghai Bixiufu Enterprise Management Co., Ltd.	2019372445	Aleyegn Technologies LLC
2019364474	Shanghai Bixiufu Enterprise Management Co., Ltd.	2019372640	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2019364631	Keros Therapeutics, Inc.	2019372747	Telefonaktiebolaget LM Ericsson (publ)
2019364690	Bioserenity	2019373002	Telefonaktiebolaget LM Ericsson (publ)
2019364717	C4X Discovery Limited	2019373007	Telefonaktiebolaget LM Ericsson (publ)
2019364823	KM Biologics Co., Ltd.	2019373093	NewSouth Innovations Pty Limited
2019364829	Ajinomoto Co., Inc.	2019373096	Technological Resources Pty. Limited; The University of Western Australia
2019365078	Intercontinental Great Brands LLC	2019373097	Saluda Medical Pty Ltd
2019365100	University of Rochester	2019373340	INSERM (Institut National de la Santé et de la Recherche Médicale)
2019365166	Jiangsu Hengrui Medicine Co., Ltd.	2019373350	Welltec Oilfield Solutions AG
2019365208	Truiris LLC	2019373420	Redpath Canada Limited
2019365213	Metacrine, Inc.	2019373460	Advance Nanotek Ltd.
2019365223	Dougall, J.; Foley, F.; University of Florida Research Foundation, Incorporated; Greenberg, S.	2019373461	Griffith University
2019365255	Viramal Limited	2019373533	HUST-Suzhou Institute for Brainsmatics
2019365493	Ferring B.V.	2019373598	Tinco Intelligent Technology Co., Ltd.
2019366272	Medtronic Xomed, Inc.	2019373643	Santis Packaging AG; Euro-Caps Holding B.V.
2019366819	SynDevRx Inc.	2019373784	Sharp Kabushiki Kaisha
2019366910	Price Industries Limited	2019373948	Chiesi Farmaceutici S.p.A.
2019366947	eFFECTOR Therapeutics, Inc.	2019373950	Kraft Foods Schweiz Holding GmbH
2019367163	Future Health Works Ltd.	2019374059	Dow AgroSciences LLC
2019367218	TeneoBio, Inc.	2019374060	Dow AgroSciences LLC
2019367647	Bar, T.; Koevary, T.	2019374061	Thomas Jefferson University
2019367965	IcellKealex Therapeutics LLC	2019374104	Cemalt LLC
2019368213	The University of Kansas; Kansas State University Research Foundation	2019374115	BioCryst Pharmaceuticals, Inc.
2019368231	Abilitech Medical, Inc.	2019374158	CrossnoKaye
2019368247	Board of Regents of the University of Nebraska	2019374164	Western Sydney University
2019368297	CrossCut Enterprises LLC	2019374165	Agriculture Victoria Services Pty Ltd
2019368359	And Y Knot Innovation and Sales Inc.	2019374219	IMBOX ShoeCare A/S
2019369419	Multi Radiance Medical	2019374298	Adler Ortho S.p.A.
2019369421	Regeneron Pharmaceuticals, Inc.	2019374363	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2019369689	Kawasaki Jukogyo Kabushiki Kaisha; TB Global Technologies Ltd.	2019374445	Rimkus, J.
2019369771	Astellas Pharma Inc.	2019374584	Asahi Kasei Kabushiki Kaisha
2019369917	CJ Cheiljedang Corporation	2019374663	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019370178	Commercial Streaming Solutions Inc.	2019374692	Seer, Inc.
2019370231	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP.,LTD.		

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

2019374695	Novartis AG; Pear Therapeutics, Inc.	2019377273	Massey University
2019374730	Cape Bionics Pty Ltd	2019377278	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
2019374732	Agriculture Victoria Services Pty Ltd	2019377425	Caterpillar Inc.
2019374742	Element AI Inc.	2019377470	Transitions Optical, Ltd.
2019374747	Renexxion, LLC	2019377511	Nexa3D Inc.
2019374753	Oshkosh Corporation	2019377538	Ball Corporation
2019374755	Oshkosh Corporation	2019377546	Pierian Biosciences, LLC
2019374788	Alke LLC	2019377652	Talon Engineering SDN BHD
2019374796	Garwood Medical Devices, LLC	2019377656	Castelli, V.M.
2019374811	Court Bots, Inc.	2019377757	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019374832	EcoTech Marine, LLC	2019377805	Oshkosh Corporation
2019374890	MAKO Surgical Corp.	2019377806	Hayward Industries, Inc.
2019374904	Bedford Systems LLC	2019377855	GreenLight Biosciences, Inc.
2019374907	Prelude Therapeutics, Incorporated	2019377864	Corcept Therapeutics Incorporated
2019374978	La Marzocco S.r.l.	2019377867	The University of Toledo
2019374991	Maurer Engineering GmbH	2019377964	Pixee Medical
2019375036	Ludwig Institute for Cancer Research Ltd; Centre Hospitalier Universitaire Vaudois	2019378002	Unbnd Group Pty Ltd
2019375049	Tetra Laval Holdings & Finance S.A.	2019378008	Janssen Biotech, Inc.
2019375078	Institut des Sciences et Industries du Vivant et de l'Environnement - AgroParisTech; University of Florida Research Foundation, Inc	2019378011	Selux Diagnostics, Inc.
2019375082	Juganu Ltd.	2019378017	Gracemink, Inc.
2019375093	Plastipak BAWT S.a.r.l.	2019378036	Flagship Pioneering Innovations V, Inc
2019375136	Centre Henri Becquerel; Universite de Rouen-Normandie; INSERM (Institut National de la Santé et de la Recherche Médicale)	2019378043	PayPal, Inc.
2019375183	Food For Future S.R.L. Società Benefit	2019378078	Inria Institut National de Recherche en Informatique et en Automatique; Invalve
2019375315	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019378116	Oy Sda Finland Ltd
2019375385	Concorde Battery Corporation	2019378126	Orano Med
2019375412	Avista Pharma Solutions, Inc.	2019378155	Cambridge Enterprise Limited
2019375417	Clements, D.L.D.	2019378157	4Wall IP Ltd
2019375476	Oxford Nanopore Technologies Limited; VIB vzw; Vrije Universiteit Brussel	2019378161	Bellus Health Cough Inc.
2019375618	Lee, J.H.	2019378172	3M Innovative Properties Company
2019375660	Disruptive Materials pharma AB	2019378179	Seares S.R.L.
2019375773	Longhorn Vaccines and Diagnostics, LLC	2019378207	Shenzhen Carku Technology Co., Limited
2019375832	Sun Chemical Corporation	2019378243	Wix.com Ltd.
2019375854	Capital Intellect, Inc.	2019378263	M.E.P. Macchine Elettroniche Piegatrici S.p.A.
2019375879	Shifa Biomedical Corporation	2019378326	Suntory Holdings Limited
2019375880	Inspired Material Solutions, LLC	2019378450	KYB Corporation
2019375914	Arizona Board of Regents on behalf Arizona State University	2019378514	LG Electronics Inc.
2019375921	Agriculture Victoria Services Pty Ltd	2019378556	Fisher & Paykel Healthcare Limited
2019375938	WindMIL Therapeutics, Inc	2019378560	Obschestvo S Ogranichennoi Otvetstvennostyu "Wel-dup"
2019375958	Inspired Material Solutions, LLC	2019378567	PreciX Pte Ltd
2019375967	Understory, Inc.	2019378691	Caterpillar Inc.
2019375982	Moochout LLC	2019378713	TMGcore, LLC
2019375997	Neximmune, Inc.	2019378751	LamaMed Solutions
2019376006	Arbutus Biopharma Corporation	2019378754	Lamb Weston, Inc.
2019376078	Beth Israel Deaconess Medical Center; Pfizer Inc.; Cornell University	2019378763	Translate Bio, Inc.
2019376140	Synlogic Operating Company, Inc.	2019378764	Citrix Systems, Inc.
2019376141	SWM Luxembourg	2019378776	Arysta Lifescience Inc.
2019376161	Arbutus Biopharma Corporation	2019378779	BeyondSpring Pharmaceuticals, Inc.
2019376293	Bayer Pharma Aktiengesellschaft	2019378845	CymaBay Therapeutics Inc.
2019376368	Beijing Innocare Pharma Tech Co., Ltd.	2019378866	Genesis Biologics, Inc.
2019376628	Alnylam Pharmaceuticals, Inc.	2019378878	Butterfly Network, Inc.
2019376655	Citrix Systems, Inc.	2019378881	Flagship Pioneering Innovations V, Inc.
2019376660	Translate Bio, Inc.	2019378883	Flagship Pioneering Innovations V, Inc.
2019376697	Agriculture Victoria Services Pty Ltd	2019378907	Altavant Sciences GmbH
2019376856	Stalicia SA	2019379002	Mitsui Chemicals Agro, Inc.
2019376902	Massey University	2019379056	MYLAPS B.V.
2019377033	Caterpillar Inc.	2019379070	Bobrick Washroom Equipment, Inc.
2019377041	Wing Aviation LLC	2019379104	ImmunoGen, Inc.
2019377057	Corteva Agriscience LLC	2019379141	REGENXBIO Inc.
2019377079	Inspired Material Solutions, LLC	2019379167	Personal Genome Diagnostics Inc.
2019377087	Cervello Therapeutics, LLC	2019379170	Teleflex Medical Incorporated
2019377101	Cytrellis Biosystems, Inc.	2019379176	Spark Therapeutics, Inc.
2019377129	Itron, Inc.	2019379235	O.M.IT S.R.L.
2019377131	Arbutus Biopharma Corporation	2019379287	DNA Script
		2019379323	Barn2Door, Inc.
		2019379325	NeolImmuneTech, Inc.; Genexine, Inc.
		2019379375	Swirl Technologies Pty Ltd
		2019379376	Maxwell, L.
		2019379418	Daiichi Sankyo Company, Limited

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

2019379425	The University of Western Australia	2019382306	Aero-Tech Pty Ltd
2019379426	Bared Trading Pty Ltd	2019382307	Presien Pty Ltd
2019379434	SiliCycle Inc.	2019382310	8082464 Canada Inc
2019379438	Hexo Operations Inc.	2019382346	Kabushiki Kaisha Miyanaga
2019379576	Compass Therapeutics LLC	2019382463	Huawei Technologies Co., Ltd.
2019379604	Rapa Therapeutics, LLC	2019382504	Sironax Ltd
2019379607	Graybug Vision, Inc.	2019382726	Inventio AG
2019379764	Naval Group	2019382824	uniQure IP B.V..
2019379776	Orbital Express Launch Limited	2019382828	Barth Innovations Limited
2019379815	Rapa Therapeutics, LLC	2019382880	Companeer GmbH
2019379823	Geomni, Inc.	2019382942	Ynsect
2019379860	Breville USA, Inc.	2019383003	Unichem Laboratories Ltd
2019379868	The University of Sydney; The Sydney Children's Hospitals Network (Randwick and Westmead)	2019383017	Janssen Biotech, Inc.
2019379872	Southern Spongolite Industries Pty Ltd	2019383019	Janssen Pharmaceutica NV
2019379873	Fastbrick IP Pty Ltd	2019383060	University of Saskatchewan
2019380047	Orano Med	2019383080	The Interdisciplinary Center Herzliya Projects Ltd.
2019380200	LG Electronics Inc.	2019383103	Beijing Scitech-MQ Pharmaceuticals Limited
2019380235	Simple Strap LLC.	2019383351	HEE Solar, L.L.C.
2019380311	Stasher Inc.	2019383363	NCH Corporation
2019380319	DoorDash, Inc.	2019383373	Hemanext Inc.
2019380320	Memorial Sloan Kettering Cancer Center; Eureka Therapeutics, Inc.	2019383423	Mayo Foundation for Medical Education and Research
2019380397	Ares Trading S.A.	2019383469	Petróleo Brasileiro S.A. - Petrobras
2019380421	Cocrystal Pharma, Inc.	2019383490	uniQure IP B.V.
2019380450	C3.ai, Inc.	2019383529	Micro-Tech (Nanjing) Co., Ltd.
2019380483	Nicoventures Trading Limited	2019383543	Ferton Holding S.A.
2019380503	Arch Oncology, Inc.	2019383576	4Moving Biotech; Sorbonne Université
2019380506	Interscope, Inc.	2019383599	Huawei Technologies Co., Ltd.
2019380517	Flagship Pioneering Innovations V, Inc.	2019383717	Sentec Ltd
2019380578	Anaconda Biomed, SL	2019383763	Kabushiki Kaisha Toyota Jidoshokki
2019380595	Oncomed Pharmaceuticals, Inc.	2019383785	ImmunoVaccine Technologies Inc.
2019380627	Orano Mining; Commissariat à l'Énergie Atomique et aux Énergies Alternatives	2019383797	Rancilio Group S.p.A.
2019380695	Ingredia	2019383970	Packaging and Crating Technologies, LLC
2019380709	Forsberg Services Ltd	2019383973	Kama-Tech (HK) Limited; Laser Technology, Inc.
2019380714	Cambridge Enterprise Limited	2019383975	Chorchek, Inc.
2019380726	Chevron Oronite Company LLC; Chevron USA Inc.	2019384032	The Trustees of the University of Pennsylvania
2019380861	Kabushiki Kaisha Yakult Honsha	2019384065	The Trustees of Indiana University
2019380872	Monash University	2019384074	Sparrow Pharmaceuticals, Inc.
2019380886	Hexo Operations Inc.	2019384164	Western Oncolytics Ltd.
2019380940	Ionis Pharmaceuticals, Inc.	2019384474	Owens-Brockway Glass Container Inc.
2019380947	Ranpak Corp.	2019384537	PayPal, Inc.
2019381050	NOAHM INC.	2019384540	Edwards Lifesciences Corporation
2019381132	BE International Marketing Sdn Bhd	2019384542	OMS Investments, Inc.
2019381268	Advanced Messaging Technologies, Inc.	2019384547	Fulcrum Therapeutics, Inc.
2019381316	I.V.A.R. S.p.A.	2019384679	Accor Technology, Inc.
2019381333	DePuy Synthes Products, Inc.	2019384692	HEE Solar, L.L.C.
2019381404	Ashimori Industry Co., Ltd.	2019384731	Netflix, Inc.
2019381493	Nippon Shinyaku Co., Ltd.	2019384735	Pruskauer, M.A.
2019381526	Green Cross Lab Cell Corporation	2019384803	Best Apps, LLC
2019381567	LG Electronics Inc.	2019384817	Board of Regents, The University of Texas System; University of Wollongong
2019381615	Syngenta Participations AG; Syngenta Crop Protection AG; Syngenta Crop Protection, LLC	2019384823	Derzon, M.
2019381688	Biotheryx, Inc.	2019384866	LG Electronics Inc.
2019381715	Enspectra Health, Inc.; Arora, P.	2019384940	3M Innovative Properties Company
2019381736	University of Maryland, College Park; The Regents of the University of California	2019385232	AgXeed B.V.
2019381769	Hemanext Inc.	2019385248	Owens-Brockway Glass Container Inc.
2019381804	Metrc LLC	2019385484	OMS Investments, Inc.
2019381805	Celgene Corporation	2019385506	StrideBio, Inc.
2019381810	Morningside Venture Investments Limited	2019385513	Consolidated Metco, Inc.
2019381834	Berken Energy, LLC	2019385598	uniQure IP B.V.
2019381850	Gekko Systems Pty Ltd	2019385633	Creo Medical Limited
2019382037	Zhejiang Huiguan Leisure Products Co., Ltd.	2019385636	Wittur Holding GmbH
2019382044	Zhuhai Qiwei Bio-Technology Ltd.	2019385638	uniQure IP B.V.
2019382082	Siemens Aktiengesellschaft	2019385644	TES Pharma S.r.l.
2019382142	Naval Group	2019385688	Cambi Technology AS
2019382168	Altavant Sciences GmbH	2019385783	Pulmair Medical, Inc.
2019382174	AIM IP (Pty) Limited	2019385805	Citrix Systems, Inc.
2019382219	Orano Mining	2019385873	Nkarta, Inc.
2019382288	BP Exploration Operating Company Limited	2019385905	Merck Sharp & Dohme Corp.
		2019386064	MARKUS, B.
		2019386119	metamorphosis GmbH
		2019386294	Targedys
		2019386349	Technologies Avancees et Membranes Industrielles

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2019386621	MasterCard International Incorporated	2019393487	Teijin Pharma Limited
2019386760	Guangzhou Xaircraft Technology Co., Ltd.	2019393755	MTD Products Inc.
2019386956	W. L. Gore & Associates, Inc.	2019393786	[24]7.ai. INC.
2019386976	Forty Seven, Inc.	2019393835	Nauti-Craft Pty Ltd
2019386994	Syngenta Crop Protection AG	2019393943	Shell Internationale Research Maatschappij B.V.
2019387079	Amgen Inc.	2019394017	Fundació Institut de Bioenginyeria de Catalunya; Institutació Catalana de Recerca i Estudis Avançats
2019387109	Edge Embossing, Inc.	2019394188	Everseen Limited
2019387156	Oxford University Innovation Limited	2019394241	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2019387182	KWC AG	2019394365	James Cook University; Pacific Biotechnologies (Australia) Pty Ltd
2019387218	Massachusetts Institute of Technology; The General Hospital Corporation	2019394434	Tineco Intelligent Technology Co., Ltd.
2019387242	WindMIL Therapeutics, Inc.	2019394750	Microsoft Technology Licensing, LLC
2019387395	African Rainbow Minerals Limited	2019394943	Iota Biosciences, Inc.
2019387471	Omni Consumer Products, LLC	2019394972	CytomX Therapeutics, Inc.
2019387489	Celularity, Inc.	2019394973	Pivot Bio, Inc.
2019387571	Celularity, Inc.	2019395029	Incube Labs, LLC
2019387813	Nitto Denko Corporation	2019395100	Sumitomo Dainippon Pharma Oncology, Inc.
2019388295	InterK Peptide Therapeutics Limited	2019395339	Cambridge Crops, Inc.
2019388390	CJ Cheiljedang Corporation	2019395418	Flagship Pioneering Innovations V, Inc.
2019388593	Shandong First Medical University & Shandong Academy of Medical Sciences	2019395549	Chong Kun Dang Pharmaceutical Corp.
2019388633	Citrix Systems, Inc.	2019395786	Nicoventures Trading Limited
2019388696	Aladdin Manufacturing Corporation	2019396574	T.J.Smith and Nephew,Limited
2019388851	Edwards Lifesciences Corporation	2019396605	Baltimore Aircoil Company, Inc.
2019388921	XCOM Labs, Inc.	2019396645	Mölnlycke Health Care AB
2019388996	Alladapt Immunotherapeutics, Inc.	2019397255	Aladdin Manufacturing Corporation
2019388998	Araxes Pharma LLC	2019397261	Waymo LLC
2019389008	Exact Sciences Development Company, LLC; Mayo Foundation for Medical Education and Research	2019397384	Bendix Commercial Vehicle Systems LLC
2019389110	Quick Tube Medical, LLC; Luttrell, R.; Smith, A.; Chan-in, B.; Smith, B.; Springs, C.	2019397494	Research Development Foundation
2019389172	Thomson Reuters Enterprise Centre GmbH	2019397614	argenx BVBA
2019389199	BASF SE	2019397919	Quirem Medical B.V.
2019389263	Topadur Pharma AG	2019398021	Kübel, J.; Zinner, G.
2019389294	Ethicon, Inc.	2019398304	Bitdefender IPR Management Ltd
2019389778	Syngenta Participations AG	2019398351	Pioneer Hi-Bred International, Inc.
2019389833	Roquette Freres	2019398399	KEMARO AG
2019389860	Van Schalkwyk, J.	2019398651	Bitdefender IPR Management Ltd
2019389898	Ethicon, Inc.	2019398803	ArcelorMittal
2019389899	Ethicon, Inc.	2019399273	Teijin Pharma Limited
2019390247	Citrix Systems, Inc.	2019399279	Nippon Suisan Kaisha, Ltd.
2019390253	ICSIP Pty Ltd	2019399394	LG Electronics Inc.
2019390312	Valmont Industries, Inc.	2019399474	Surface Oncology, Inc.
2019390418	Rafael Pharmaceuticals, Inc.	2019399499	Aladdin Manufacturing Corporation
2019390693	Attgeno AB	2019400060	Bitdefender IPR Management Ltd
2019390704	Cellix Bio Private Limited	2019400151	Nutrition & Health Research Institute, COFCO Corporation; COFCO (Jilin) Bio-Chemical Technology Co., Ltd
2019390722	Ethicon, Inc.	2019400658	Societe des Produits Nestle S.A.
2019390723	Ethicon, Inc.	2019400664	Reemtsma Cigarettenfabriken GmbH
2019390729	GlaxoSmithKline Intellectual Property Development Limited; ViiV Healthcare Company; The University of North Carolina at Chapel Hill	2019400665	Reemtsma Cigarettenfabriken GmbH
2019390856	J-Oil Mills, Inc.	2019400947	Rogers, L.
2019391029	Mallinckrodt Hospital Products IP Limited; Acker, J.	2019400954	Alcon Inc.
2019391253	BASF SE	2019401015	Alcon Inc.
2019391266	Creo Medical Limited	2019401603	Bayer HealthCare LLC
2019391296	Industrie De Nora S.p.A.	2019401937	Boston Scientific Scimed, Inc.
2019391432	Corplex Plastics UK Ltd.	2019402930	Boston Scientific Scimed, Inc.
2019391453	JFE Steel Corporation	2019404040	Regents of the University of Minnesota
2019391645	UPL Corporation Limited	2019404930	Novartis AG
2019391691	Kop-Coat, Inc.	2019404934	Novartis AG
2019391791	Eirion Therapeutics, Inc.	2019405685	Mölnlycke Health Care AB
2019391942	SCOHIA PHARMA, Inc.	2019406237	BASF SE
2019392175	Epax Norway AS	2019406534	Amgen Inc.
2019392221	FMC Corporation; FMC Agro Singapore Pte Ltd.	2019406627	Shell Internationale Research Maatschappij B.V.
2019392265	Fate Therapeutics, Inc.	2019406664	Amsted Rail Company, Inc.
2019392459	University of Washington	2019406840	Novartis AG
2019392553	PayPal, Inc.	2019406923	Sandvik Mining and Construction Tools AB
2019392554	Catalent Pharma Solutions, LLC	2019407047	Alcon Inc.
2019392759	RapidDeploy, Inc.	2019407123	Societe des Produits Nestle S.A.
2019393257	Fusion Pharmaceuticals Inc.	2019407124	Walter Maschinenbau GmbH
2019393279	C.G.M. S.p.A.	2019407650	TOLREMO therapeutics AG
2019393332	Saber Astronautics Australia Pty. Ltd.	2019408408	ONXEO
		2019408509	Shandong Danhong Pharmaceutical Co., Ltd.
		2019408633	Dajocare Technology (Shenzhen) Co., Ltd.

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2019408993	Unilever IP Holdings B.V.	2020242834	Sika Technology AG
2019409139	Novartis AG	2020244443	State Grid Shanghai Municipal Electric Power Company; East China Electric Power Test Research Institute Co., Ltd.
2019409154	Alcon Inc.		
2019409269	Adverio Pharma GmbH	2020245666	Komatsu Ltd.
2019409446	Universiteit Gent	2020250012	Spencer, P.
2019409870	Breville Pty Limited	2020258508	Pulse NeedleFree Systems, Inc.; Otsuka Pharmaceutical Co., Ltd.
2019410036	Société des Produits Nestlé S.A.		
2019410411	BASF SE	2020264266	Coupang Corp.
2019411483	Société des Produits Nestlé S.A.	2020264283	Coupang Corp.
2019413504	Janssen Pharmaceutica NV	2020264287	Coupang Corp.
2019413682	Endogena Therapeutics, Inc.	2020276949	Samsung Electronics Co., Ltd.
2019413703	Amryt Genetics Ltd	2020281382	Shandong Eton New Material Co., Ltd
2019414510	Auris Health, Inc.	2020286342	SPEQS Limited
2019414950	Endogena Therapeutics, Inc.	2020299137	Intuit Inc.
2019415399	Nippon Shinyaku Co., Ltd.	2020299505	Comvita Limited
2019416139	Wright Medical Technology, Inc.	2020311277	Easton Holdings LLC
2019416507	Alar Pharmaceuticals Inc.	2020315565	Robertson, H.A.; Robertson, D.L.
2019417921	FrieslandCampina Nederland B.V.	2020319589	Intuit Inc.
2019418792	Citrix Systems, Inc.	2020321734	Intuit Inc.
2019420813	Swan, M.	2020343366	Beyeler, P.G.
2019421503	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020345539	Intuit Inc.
2019422019	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020345605	Intuit Inc.
2019422940	Mitsubishi Electric Corporation	2020346686	Intuit Inc.
2019423350	Solar Foods Oy	2020350655	Beijing Research Center of Intelligent Equipment for Agriculture
2019423764	Beijing Greentech Science and Technology Co., Ltd.	2020356800	Bertagni 1882 SpA
2019424510	Advanced New Technologies Co., Ltd.	2020357557	Intuit Inc.
2019425444	Beijing Greentech Science and Technology Co., Ltd.	2020360899	Assa Abloy AB
2019426916	Right Group Central Co., Ltd.	2020372607	Intuit Inc.
2019427259	Pocai, R.	2020372743	Advanced Drainage Systems, Inc.; Spires, G.; Rustia, B.; Geno, E.; Kuehn, M.
2019429754	Panasonic Intellectual Property Corporation of America		
2019429892	Halliburton Energy Services, Inc.	2020373243	Advanced Drainage Systems, Inc.
2019436653	Dalian University of Technology	2020374586	State Grid Corporation of China; State Grid Gansu Electric Power Corporation; Construction Branch of State Grid Gansu Electric Power Corporation; Economy and Technology Research Institute, Gansu Electric Power Corporation, State Grid
2019438207	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.		
2019446433	China National Rice Research Institute		
2019449420	Intuit Inc.	2020376449	State Grid Corporation of China; State Grid Gansu Electric Power Corporation; Construction Branch of State Grid Gansu Electric Power Corporation; Economy and Technology Research Institute, Gansu Electric Power Corporation, State Grid
2019452201	Aries Gasification, LLC		
2019462739	Tattle Systems Technology Inc.		
2020204710	Iota Biosciences, Inc.		
2020204785	Ascendis Pharma Oncology Division A/S		
2020205015	Hangzhou New Horizon Health Technology Co. Ltd.		
2020205031	Oribiotech Ltd	2020377394	Intuit Inc.
2020205142	Hangzhou New Horizon Health Technology Co. Ltd.		
2020205839	Novartis AG		
2020206674	Applied Bolting Technology		
2020206826	Alar Pharmaceuticals Inc.		
2020207365	Becton, Dickinson and Company; Trotter, J.T.; Irvine, A.; Samusik, N.		
2020208856	Mayrpete, J.		
2020210715	Bitdefender IPR Management Ltd		
2020211286	Bitdefender IPR Management Ltd		
2020211935	Tempus EX Machina, Inc.		
2020213424	Westfield Nominees Pty Ltd		
2020213434	University of Southern Queensland		
2020213853	International Business Machines Corporation		
2020214696	Dentsply Sirona Inc.; Sirona Dental Systems GmbH		
2020214760	Kumiai Chemical Industry Co., Ltd.		
2020215193	Dentsply Sirona Inc.; Sirona Dental Systems GmbH		
2020216095	Google LLC		
2020216550	Tempus Ex Machina, Inc.		
2020218157	BlueGreen Water Technologies Ltd.		
2020219324	International Business Machines Corporation		
2020221962	International Business Machines Corporation		
2020222859	Samsung Electronics Co., Ltd.		
2020229990	Sirona Dental Systems GmbH; Dentsply Sirona Inc.		
2020230012	International Business Machines Corporation		
2020232743	Korea Institute of Machinery & Materials		
2020237935	Halliburton Energy Services, Inc.		
2020239994	Capital One Services, LLC		
2020241544	Capital One Services, LLC		

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<u>A01B 15 /-</u>	2019376697 2019378155	2019374060 2019377057 2019381615 2019386994 2019389778 2019391645	2019378326 <u>A23G 1 /-</u> 2019373950 <u>A23G 3 /-</u> 2019365078 2019373950 <u>A23J 1 /-</u> 2019380695 2019389833 <u>A23J 3 /-</u> 2019376902 2019380695 2019389833 <u>A23K 10 /-</u> 2019394365 <u>A23K 50 /-</u> 2019394365 <u>A23L 11 /-</u> 2019389833 <u>A23L 13 /-</u> 2019390856 <u>A23L 2 /-</u> 2018455463 2019375183 2019378326 2019382828 2019389833 <u>A23L 23 /-</u> 2019408993 <u>A23L 27 /-</u> 2019382828 2019408993 <u>A23L 29 /-</u> 2019360247 2019369917 2019408993 <u>A23L 3 /-</u> 2019388996 <u>A23L 33 /-</u> 2019356410 2019369917 2019375183 2019376902 2019386294 2019389833	2019395339 2019399279 2019400658 2019407123 2019411483 2019417921 <u>A23L 35 /-</u> 2019390856 <u>A23L 5 /-</u> 2019386294 2019390856 <u>A23L 7 /-</u> 2020356800 <u>A23N 15 /-</u> 2020250012 <u>A23N 7 /-</u> 2020250012 <u>A23P 10 /-</u> 2019376902 <u>A24B 15 /-</u> 2019380483 <u>A24D 1 /-</u> 2019400664 2019400665 <u>A24F 40 /-</u> 2019380483 2019395786 <u>A24F 47 /-</u> 2019359552 2019379438 2019380886 <u>A41B 11 /-</u> 2019381132 <u>A41G 5 /-</u> 2019360273 <u>A41H 1 /-</u> 2019374730 <u>A41H 3 /-</u> 2019374730 <u>A43B 13 /-</u> 2019365223	<u>A43B 17 /-</u> 2019379426 <u>A43B 3 /-</u> 2020315565 <u>A43B 7 /-</u> 2019365223 2019379426 <u>A45C 11 /-</u> 2019360273 <u>A45D 44 /-</u> 2019360273 <u>A46B 13 /-</u> 2019374788 <u>A46B 17 /-</u> 2019360273 <u>A46B 9 /-</u> 2019374788 <u>A46D 3 /-</u> 2019374788 <u>A47C 23 /-</u> 2019378116 <u>A47C 27 /-</u> 2019378116 <u>A47C 31 /-</u> 2019378116 <u>A47J 17 /-</u> 2020250012 <u>A47J 27 /-</u> 2019363541 2019409870 <u>A47J 31 /-</u> 2019370930 2019374978 2019383797 <u>A47J 36 /-</u> 2018448862 2019379860 <u>A47J 37 /-</u>
2019377033	<u>A01K 1 /-</u>				
<u>A01B 45 /-</u>	2019382942				
2020213434	<u>A01K 29 /-</u>	<u>A01N 47 /-</u>			
<u>A01B 69 /-</u>	2019379323 2019387813	2019377057 2019391645			
2019385232	<u>A01K 63 /-</u>	<u>A01N 53 /-</u>			
<u>A01B 73 /-</u>	2019374832	2019391691			
2019385232	<u>A01K 67 /-</u>	<u>A01N 57 /-</u>			
<u>A01B 79 /-</u>	2019382044 2019382942	2019372059 2019372130 2019374059 2019374060			
2019374445 2020213434	<u>A01M 21 /-</u>				
<u>A01C 21 /-</u>	2019361082	<u>A01P 1 /-</u>			
2019374445	<u>A01M 7 /-</u>	2019360020			
<u>A01C 23 /-</u>	2019374445 2020213434	<u>A01P 13 /-</u>			
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<u>A01D 34 /-</u>	2019383373	<u>A01P 15 /-</u>			
2019359884	<u>A01N 25 /-</u>	2019360020			
<u>A01G 2 /-</u>	2019370374 2019378776 2019379002 2019391691 2019395100 2020218157	<u>A01P 21 /-</u>			
2019380714		2019383060			
<u>A01G 25 /-</u>		<u>A01P 7 /-</u>			
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<u>A01G 31 /-</u>	2019391691	<u>A21B 1 /-</u>			
2019385484	<u>A01N 35 /-</u>	2019364217			
<u>A01G 9 /-</u>	2019370374 2019378776	<u>A21D 13 /-</u>			
2019381804	<u>A01N 37 /-</u>	2019390856			
<u>A01H 1 /-</u>	2019360020 2019379002 2019383060	2019390856			
2019378155		<u>A23B 7 /-</u>			
<u>A01H 3 /-</u>	<u>A01N 39 /-</u>	2019375832			
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<u>A01H 5 /-</u>	<u>A01N 41 /-</u>	2019400658 2019411483			
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<u>A01H 6 /-</u>	<u>A01N 43 /-</u>	2018455463 2019378326			
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<u>A47J 39 I/-</u>	<u>A61B 5 I/-</u>	2019407047 2019409154	2019378161 2019378763 2019378845 2019378907 2019381050 2019381493 2019382168 2019382504 2019382824 2019383003 2019383103 2019384074 2019384547 2019385598 2019385644 2019385905 2019387489 2019389263 2019390418 2019390693 2019390704 2019390729 2019391942 2019392175 2019395549 2019400658 2019404930 2019404934 2019406840 2019407123 2019407650 2019408408 2019408509 2019409269 2019411483 2019413504 2019413682 2019414950 2019416507 2019417921 2020204785 2020206826 2020299505	201937571 2019389008 2019392265 2019393487 2019410036 2020299505	201937242 2019388996 2019393487 2019394241 2019397614 2019399474 2019406840 2019409139 2020205839
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<u>A47L 9 I/-</u>					

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	2019390723	2019381132	2019413682	2019379418	2019390693
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2019375958				2019381050	
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	2019396645	2019374747	2019391942	2019383785	<u>A61Q 11 I/-</u>
<u>A61K 9 I/-</u>	2019401937	2019378845	2020299505	2019385905	
	2019414510	2019378907	<u>A61P 3 I/-</u>	2019388998	2019361324
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2018451180	<u>A61M 11 I/-</u>	2019394365	2019356410	2019390418	<u>A61Q 17 I/-</u>
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2019357859	2019379438	2019407123	2019363595	2019391942	2019373460
2019359810	2019380886	2019408509	2019378845	2019392265	2019388295
2019362009		2019411483	2019385644	2019393257	
2019365255	<u>A61M 15 I/-</u>	2020299505	2019389263	2019394241	<u>A61Q 19 I/-</u>
2019376161			2019391942	2019397614	
2019376368	2019373948	<u>A61P 11 I/-</u>		2019406840	2019361942
2019377079	2019379438		<u>A61P 31 I/-</u>	2019407650	
2019377131		2019360638		2019408408	<u>A63B 21 I/-</u>
2019377864	<u>A61M 16 I/-</u>	2019382168	2018445278	2019409139	
2019378763		2019391942	2019349036	2019413504	2019357057
2019378881	2019373948	2019404934	2019359564	2020204785	2019380235
2019378883	2019379375		2019363657	<u>A61P 37 I/-</u>	<u>A63B 47 I/-</u>
2019379176	2019380886	<u>A61P 13 I/-</u>	2019364352		
2019379434	2019391029		2019364823	2019358439	2019374811
2019379607	2019399273	2019361942	2019375880	2019364114	<u>A63B 71 I/-</u>
2019381810	<u>A61M 25 I/-</u>	2019385644	2019382044	2019364631	
2019383017		2019391942	2019387242	2019364823	2019357057
2019386294	2019360212	2019395549	2019390729	2019378763	
2019388295	2019373461	<u>A61P 15 I/-</u>	<u>A61P 35 I/-</u>	2019381493	<u>B01D 1 I/-</u>
2019390704				2019381688	
2019391791	<u>A61M 3 I/-</u>	2019365255	2019353000	2019383103	2019396605
2019395029		<u>A61P 17 I/-</u>	2019357451	2019383785	<u>B01D 15 I/-</u>
2019395549	2019414510		2019357908	2019387218	
2019404930	<u>A61M 39 I/-</u>	2019361942	2019358647	2019393257	2019374164
2019416507		2019371463	2019359036	2019394241	
<u>A61L 15 I/-</u>	2019360212	2019373460	2019360608	2019397614	<u>B01D 21 I/-</u>
	2019389110	2019375412	2019361124	2019410036	
2019380235	2019401603	2019388295	2019361631	2020205839	2019379376
<u>A61L 17 I/-</u>	<u>A61M 5 I/-</u>	2019395549	2019361923	<u>A61P 43 I/-</u>	<u>B01D 29 I/-</u>
		2020205839	2019362009		
2019389294	2019358536	<u>A61P 19 I/-</u>	2019362389	2019361942	
2019389898	2019360212		2019362576	2019364631	2019387182
2019389899	2019363601	2019364631	2019362602	2019381493	<u>B01D 33 I/-</u>
2019390722	2019371245	2019383576	2019362747	2019382504	
2019390723	2019386956		2019363657	2019387489	2019379235
	2019400954	<u>A61P 21 I/-</u>	2019364258	2019391942	
<u>A61L 2 I/-</u>	2019401603		2019364631	2019413682	<u>B01D 35 I/-</u>
	2019406840	2019363595	2019365166	<u>A61P 5 I/-</u>	
2018445352	2020258508		2019366819		2019381316
<u>A61L 27 I/-</u>	<u>A61M 60 I/-</u>	<u>A61P 25 I/-</u>	2019369771	2019365255	2019387182
			2019370618	2019374115	
2018449641	2019373461	2019362747	2019371223	2019395549	<u>B01D 53 I/-</u>
2019387218		2019363595	2019371463		
<u>A61L 29 I/-</u>	<u>A61N 1 I/-</u>	2019373340	2019371830		2019361742
		2019379604	2019371994	<u>A61P 7 I/-</u>	2019362285
2019389294	2019362415	2019381688	2019372640		2019362581
2019389898	2019363173	2019391942	2019374363	2019370295	
2019389899	2019366272	2019413682	2019374907	2019379176	
		2019416507	2019375036	2019384547	

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

<u>B01D 63 /-</u>	2019379070	<u>B26D 1 /-</u>	<u>B31F 5 /-</u>	<u>B41J 3 /-</u>	<u>B62D 23 /-</u>
2019375049	<u>B05B 5 /-</u>	2019378754	2019360029	2019381804	2019372031
<u>B01D 65 /-</u>	2019374219	<u>B26D 3 /-</u>	<u>B32B 13 /-</u>	<u>B41M 1 /-</u>	<u>B62D 5 /-</u>
2019375049	<u>B05B 7 /-</u>	2019378754	2019370381	2019377538	2019393755
<u>B01F 11 /-</u>	2019379070	<u>B28C 5 /-</u>	<u>B32B 15 /-</u>	<u>B60B 7 /-</u>	<u>B62D 7 /-</u>
2019356182	<u>B05D 1 /-</u>	2019378450	2019370381	2019375982	2019393755
2020229990	2019388696	<u>B28D 1 /-</u>	<u>B32B 27 /-</u>	<u>B60C 23 /-</u>	<u>B62D 9 /-</u>
<u>B01F 13 /-</u>	2019389294	2019382346	2019370381	2019385513	2019393755
2019365493	2019389898	<u>B28D 7 /-</u>	2019377470	<u>B60G 17 /-</u>	<u>B62K 15 /-</u>
2020229990	2019390722	2019382346	<u>B32B 29 /-</u>	2019374753	2019360287
<u>B01F 15 /-</u>	<u>B05D 3 /-</u>	2019382346	2019383970	2019374755	<u>B63B 1 /-</u>
2019365493	2019389294	<u>B29C 31 /-</u>	<u>B32B 3 /-</u>	2019377805	2019377656
<u>B01F 3 /-</u>	2019389898	2019399499	2019361731	2020213424	2019393835
2019365493	<u>B09B 3 /-</u>	<u>B29C 33 /-</u>	2019364361	<u>B60G 21 /-</u>	<u>B63B 21 /-</u>
2020229990	2019423764	2019399499	2019399499	2019393835	2019378179
<u>B01F 7 /-</u>	<u>B21B 45 /-</u>	<u>B29C 41 /-</u>	<u>B32B 37 /-</u>	<u>B60J 3 /-</u>	<u>B63B 23 /-</u>
2019365493	2019371023	2019361731	2019398803	2019381404	2019382142
<u>B01J 13 /-</u>	<u>B21D 43 /-</u>	<u>B29C 43 /-</u>	<u>B32B 38 /-</u>	<u>B60K 28 /-</u>	<u>B63B 27 /-</u>
2019379434	2019378263	2019380311	2019364361	2019382174	2019382142
<u>B01J 19 /-</u>	<u>B22F 1 /-</u>	2019387109	<u>B32B 41 /-</u>	<u>B60L 53 /-</u>	<u>B63B 39 /-</u>
2019356182	2019397919	2019399499	2019398803	2019377041	2019377656
2019398021	<u>B22F 9 /-</u>	<u>B29C 45 /-</u>	<u>B32B 5 /-</u>	<u>B60L 58 /-</u>	2019393835
<u>B01J 2 /-</u>	2019389199	2019380311	2019397255	2019377041	<u>B63G 8 /-</u>
2019391453	<u>B23B 31 /-</u>	2019387109	<u>B32B 7 /-</u>	<u>B60P 1 /-</u>	2019379764
<u>B01J 20 /-</u>	2019407124	<u>B29C 48 /-</u>	<u>B32B 9 /-</u>	2019385232	<u>B63H 11 /-</u>
2019375660	<u>B23K 101 /-</u>	2019399499	2019370381	<u>B60P 3 /-</u>	2019363785
2019376141	2019378560	<u>B29C 64 /-</u>	2019383970	2019378450	<u>B64C 13 /-</u>
2019379872	<u>B23K 37 /-</u>	2020229990	<u>B33Y 30 /-</u>	2019385232	2019362388
<u>B01L 3 /-</u>	2019378560	<u>B29C 65 /-</u>	2020229990	<u>B60R 1 /-</u>	<u>B64C 39 /-</u>
2019383080	<u>B23P 19 /-</u>	2019384679	<u>B33Y 40 /-</u>	2019377425	2019374445
<u>B03C 1 /-</u>	2019359770	<u>B29C 71 /-</u>	2020229990	<u>B60R 16 /-</u>	2019377041
2019368213	<u>B25B 13 /-</u>	2019380235	<u>B41F 13 /-</u>	2019375385	<u>B64D 10 /-</u>
2019381316	2019383543	<u>B30B 5 /-</u>	2019377538	<u>B60T 17 /-</u>	2020343366
<u>B03C 3 /-</u>	<u>B25B 23 /-</u>	2019398803	<u>B41F 16 /-</u>	2019397384	<u>B64D 27 /-</u>
2019364298	2019383543	<u>B31B 50 /-</u>	2019372097	<u>B61G 3 /-</u>	2019377041
2019364463	<u>B25B 29 /-</u>	2019360029	<u>B41F 17 /-</u>	2019406664	<u>B64G 1 /-</u>
2019364474	2019359770	<u>B31D 5 /-</u>	2019377538	<u>B62B 7 /-</u>	2019363341
<u>B04C 3 /-</u>	<u>B25J 9 /-</u>	2019380947	<u>B41F 31 /-</u>	2019375982	2019379776
2019379376	2019379873	<u>B31F 1 /-</u>	2019377538	<u>B62D 11 /-</u>	<u>B65B 35 /-</u>
<u>B05B 1 /-</u>	2019383970	2019383970	2019393755	2019393755	2019368359
2019390312					
<u>B05B 11 /-</u>					
2019375093					

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

<u>B65B 51 /-</u>	<u>B65H 49 /-</u>	<u>B67D 9 /-</u>	<u>C02F 3 /-</u>	<u>C05D 9 /-</u>	<u>C07C 239 /-</u>
2019380311	2019359460	2019369689	2019362581	2019446433	2019361781
<u>B65B 55 /-</u>	<u>B65H 51 /-</u>	<u>B82B 1 /-</u>	<u>C02F 9 /-</u>	<u>C05F 11 /-</u>	<u>C07C 25 /-</u>
2019380947	2019397255	2019394017	2019385688	2019394973	2019391253
<u>B65B 69 /-</u>	<u>B65H 75 /-</u>	<u>B82Y 30 /-</u>	<u>C03B 3 /-</u>	<u>C05F 17 /-</u>	<u>C07C 255 /-</u>
2020208856	2019359460	2019379425	2019385248	2019423764	2020206826
<u>B65D 23 /-</u>	<u>B66B 1 /-</u>	2019384817	<u>C03B 5 /-</u>	2019425444	<u>C07C 319 /-</u>
2018445352	2018445583	<u>B82Y 40 /-</u>	2019385248	<u>C05F 9 /-</u>	2019379104
	2018445615	2019379425	<u>C03B 9 /-</u>	2019423764	<u>C07C 5 /-</u>
<u>B65D 33 /-</u>	<u>B66B 19 /-</u>	2019384817	2019384474	<u>C05G 1 /-</u>	2019356177
2019379860	2019382726	<u>B82Y 5 /-</u>	<u>C04B 111 /-</u>	2019384542	<u>C07C 51 /-</u>
2019380311		2019376161	2018450083	2019446433	2019356177
<u>B65D 47 /-</u>	<u>B66B 5 /-</u>	2019377131	<u>C04B 22 /-</u>	<u>C05G 3 /-</u>	<u>C07C 59 /-</u>
2019391432	2019385636	<u>C01B 21 /-</u>	2019374104	2019394973	2019383060
<u>B65D 75 /-</u>	<u>B66B 7 /-</u>	2019379425	<u>C04B 24 /-</u>	<u>C07B 59 /-</u>	<u>C07C 69 /-</u>
2019359810	2019382726	<u>C01B 3 /-</u>	2019374104	2019378126	2019383060
<u>B65D 77 /-</u>	<u>B66C 1 /-</u>	2019374584	<u>C04B 28 /-</u>	<u>C07B 61 /-</u>	<u>C07D 205 /-</u>
2019391432	2019384735	2019393943	2018450083	2020214760	2019362747
<u>B65D 81 /-</u>	<u>B66C 23 /-</u>	<u>C01B 32 /-</u>	2020376449	<u>C07C 11 /-</u>	2019382504
2019380947	2019377805	2019374796	<u>C04B 35 /-</u>	2019356177	<u>C07D 207 /-</u>
<u>B65D 83 /-</u>	2020213424	2019384817	2019386349	<u>C07C 17 /-</u>	2019362747
2019375093	<u>B66F 11 /-</u>	<u>C01B 35 /-</u>	2019386349	2019391253	2019363595
<u>B65D 85 /-</u>	2019374753	2019379425	<u>C04B 38 /-</u>	<u>C07C 201 /-</u>	<u>C07D 209 /-</u>
2019373643	2019374755	<u>C01D 15 /-</u>	2019386349	2019390693	2019362747
<u>B65D 88 /-</u>	2019377805	2019390253	<u>C04B 7 /-</u>	<u>C07C 203 /-</u>	2019375879
2019361363	<u>B66F 3 /-</u>	<u>C01F 15 /-</u>	2019374104	2019390693	<u>C07D 211 /-</u>
2020208856	2019370270	2019380047	<u>C05B 7 /-</u>	2019390693	2019372640
<u>B65D 90 /-</u>	2019382310	<u>C01F 5 /-</u>	2019384542	<u>C07C 213 /-</u>	<u>C07D 213 /-</u>
2020208856	<u>B66F 7 /-</u>	2019375660	<u>C05C 1 /-</u>	2020214760	2019362747
<u>B65G 1 /-</u>	2019370270	<u>C01G 3 /-</u>	2019384542	<u>C07C 217 /-</u>	2019363595
2019378263	<u>B66F 9 /-</u>	2019356182	2019384542	2020214760	2019375879
2019384735	2019374753	<u>C02F 1 /-</u>	2019384542	<u>C07C 231 /-</u>	2019385644
<u>B65G 21 /-</u>	2019374755	2019360020	<u>C05C 7 /-</u>	2019379104	2019414950
2019378263	2019377805	2019362581	2019384542	<u>C07C 233 /-</u>	<u>C07D 215 /-</u>
<u>B65G 41 /-</u>	2019370655	2019379872	<u>C05D 1 /-</u>	2019362747	2019372640
2019378263	<u>B67B 3 /-</u>	2019381316	2019384542	<u>C07C 235 /-</u>	<u>C07D 217 /-</u>
<u>B65G 47 /-</u>	<u>B67B 7 /-</u>	2019385688	2019384542	2019365213	2019377087
2019391432	2019391432	2020218157	<u>C05D 3 /-</u>	<u>C07C 237 /-</u>	2019364352
2019378263	<u>B67D 1 /-</u>	2020373243	2019384542	2019365213	2019374115
<u>B65H 37 /-</u>	2019356833	<u>C02F 101 /-</u>	<u>C05D 5 /-</u>	2019375879	2019382504
2019360029	2019374904	2019385688	2019384542		2019392221
	<u>B67D 7 /-</u>	2019385688			
	2019370856				

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<u>C07D 233 I/-</u>	2019364352	<u>C07D 495 I/-</u>	2019375914		<u>C09J 163 I/-</u>
2019362747	2019385644		2019375938	<u>C08B 11 I/-</u>	
	2019387489	2019387489	2019377867		2020242834
<u>C07D 241 I/-</u>	2019407650	2019407650	2019379141	2020281382	<u>C09J 175 I/-</u>
	<u>C07D 411 I/-</u>	2019413504	2019380320		
2019376660		<u>C07D 498 I/-</u>	2019380595	<u>C08F 2 I/-</u>	2020242834
2020214760	2019389778		2019381805	2019358395	<u>C09K 17 I/-</u>
<u>C07D 249 I/-</u>	<u>C07D 413 I/-</u>	2019368247	2019383003	<u>C08G 18 I/-</u>	2019446433
		2019391942	2019383019		<u>C09K 3 I/-</u>
2019362747	2019364352	<u>C07D 513 I/-</u>	2019383423	2019377470	2019376141
2019408509	2019364717		2019383785	2019388696	
<u>C07D 263 I/-</u>	2019381493	2019374907	2019384032	2019410411	
	2019407650	2019390729	2019385506	2020242834	
2019414950	2019413682	<u>C07D 515 I/-</u>	2019387571	<u>C08G 65 I/-</u>	<u>C09K 8 I/-</u>
<u>C07D 271 I/-</u>	<u>C07D 417 I/-</u>		2019392265		
		2019374907	2019397614	2019410411	2019372111
2019381493	2018445278	<u>C07D 519 I/-</u>	2019399474		2019429892
<u>C07D 277 I/-</u>	2019359036		<u>C07K 16 I/-</u>	<u>C08G 77 I/-</u>	<u>C10J 3 I/-</u>
	2019364352	2019363657	2019353000	2019389294	
2019362747	2019364717	<u>C07F 13 I/-</u>	2019358647	2019389898	2019387395
2019386994	2019404934		2019361096	2019390722	2019452201
2019389778	2019407650	2019358285	2019361631	2019390723	<u>C10K 3 I/-</u>
<u>C07D 307 I/-</u>	<u>C07D 419 I/-</u>		2019361923	<u>C08J 3 I/-</u>	
	2019404934	<u>C07F 15 I/-</u>	2019362602		2019393943
2019375078	<u>C07D 453 I/-</u>		2019364258	2019379434	<u>C10L 1 I/-</u>
<u>C07D 311 I/-</u>		2019358285	2019367218	<u>C08K 3 I/-</u>	
	2019374747	2019389294	2019369771		2019380726
2019363595	<u>C07D 471 I/-</u>	2019389898	2019370295	2019406237	<u>C10M 115 I/-</u>
<u>C07D 333 I/-</u>		2019390722	2019370618	2020242834	
	2019363657	2019390723	2019371223		2019383363
2019362747	2019364717	<u>C07F 5 I/-</u>	2019371994	<u>C08K 5 I/-</u>	<u>C10M 133 I/-</u>
	2019368247		2019375036		
<u>C07D 401 I/-</u>	2019372640	2019358285	2019376078	2019406237	2019380726
	2019378161	<u>C07F 7 I/-</u>	2019377867	<u>C08K 7 I/-</u>	<u>C11B 3 I/-</u>
2019362747	2019378907		2019379418		
2019364352	2019388998	2019376006	2019379576	2019363680	2019392175
2019364631	2019391942	2019383351	2019380320		2019399279
2019365166	2019407650	2019384692	2019380595	<u>C08L 67 I/-</u>	<u>C11C 1 I/-</u>
2019381688	2019409269	<u>C07H 1 I/-</u>	2019383017		
2019385644	<u>C07D 473 I/-</u>		2019385873	2019363680	2019392175
2019387489		2019388390	2019386976		<u>C11D 17 I/-</u>
2019392221	2019360204	2019417921	2019392265	<u>C08L 83 I/-</u>	
2019407650	2019375412	<u>C07H 21 I/-</u>	2019393257		2019358285
2019413682	<u>C07D 487 I/-</u>		2019393487	<u>C08L 97 I/-</u>	
<u>C07D 403 I/-</u>		2019392554	2019394241	2019358395	<u>C11D 3 I/-</u>
	2018448845	<u>C07H 3 I/-</u>	2019394972		
2019362747	2019357451		2019397614	<u>C09D 101 I/-</u>	2019358285
2019364352	2019360204	2019388390	2019399474		<u>C12C 11 I/-</u>
2019364717	2019364274	2019417921	2019406840	2019375832	
2019413682	2019364631	<u>C07K 1 I/-</u>	2019409139	<u>C09D 133 I/-</u>	2019356833
<u>C07D 405 I/-</u>	2019375412		2020205839		<u>C12C 3 I/-</u>
	2019379104	2019361252		<u>C09D 183 I/-</u>	
2019362747	2019381493	<u>C07K 14 I/-</u>	2019349036		2019382828
2019364352	2019385905		2019361096	2019389294	<u>C12C 5 I/-</u>
2019377087	2019387489		2019361206	2019389898	
2019381688	2019388998	2019361096	2019364829	2019390722	2019356833
2019407650	2019389263	2019361206	2019367647	2019390723	2019375183
<u>C07D 407 I/-</u>	<u>C07D 491 I/-</u>	2019361252	2019371994		2019382828
		2019361631	2019374363	<u>C09D 7 I/-</u>	<u>C12C 7 I/-</u>
2019407650	2019383103	2019364258	<u>C07K 5 I/-</u>		
<u>C07D 409 I/-</u>	2019387489	2019364823		2019375832	
	2019391942	2019367965	<u>C07K 7 I/-</u>		
2019362747		2019371994			
		2019374692	2019383785		
			2019388295		

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C12G 3 /-	2019385598	C12Q 1 /-	D02G 3 /-	E02F 3 /-	E06B 9 /-
2018455463	2019387571	2019361781	2019397255	2019377033	2019381404
	2019392459	2019362863			
	2019392554	2019370491	D04H 3 /-	E02F 9 /-	E21B 10 /-
C12M 1 /-	2019393487	2019371238	2019357524	2019372330	2019382346
2019362009	2019395100	2019375136		2019377652	2019406923
2019378011	2019395418	2019375476	D06B 1 /-	2020245666	
2019378078	2019400151	2019375773	2019374219	E03D 9 /-	E21B 33 /-
2019383080	2019408408	2019376856			2019361737
2019423350	2019415399	2019377273	D06B 5 /-	2019356578	2019373350
2020205031	2020205015	2019378008			2019429892
	2020205142	2019378011	2019374219	E03F 1 /-	
C12M 3 /-		2019378779		2020373243	E21B 4 /-
2019362009	C12N 5 /-	2019379167	D06F 58 /-		2019406923
2019383080	2019359473	2019380397	2019399394	E03F 5 /-	
2019404040	2019359890	2019385638		2020372743	E21B 41 /-
2020205031	2019360857	2019389008	D06M 13 /-		2019429892
	2019361096	2019395100	2018451180	E04B 1 /-	2020237935
C12N 1 /-	2019361631	2019398351			
2019356410	2019369771	2020205015	D06M 16 /-	2019361731	E21B 43 /-
2019369771	2019371464	2020205142	2018451180	2019372140	2019382219
2019369917	2019375938			2019374991	2019383469
2019376140	2019377278	C12R 1 /-	D21H 19 /-	2019400947	
2019379418	2019379418	2019356410	2019375832	E04B 2 /-	E21B 47 /-
2019380861	2019379604			2019370381	2019373096
2019383080	2019379815	C22B 1 /-	D21H 27 /-	E04B 5 /-	E21B 49 /-
2019394973	2019381526	2019391453	2019383970	2019399499	2019373096
	2019381805			E04B 9 /-	E21C 35 /-
C12N 15 /-	2019387218	C22B 26 /-	E01C 19 /-	E04B 9 /-	E21C 35 /-
2019349036	2019387571	2019390253	2019357862	2018446825	2019377033
2019357039	2019392265		2019358780	2019366910	2019378691
2019357450	2019393487	C22B 3 /-	E01F 13 /-	E04C 2 /-	E21D 11 /-
2019359890	2019404040	2019389199	2019382880	2019370381	2019368297
2019360247		2019390253		2019378157	
2019360372	C12N 7 /-		E01H 1 /-	E04D 13 /-	E21D 15 /-
2019361631	2019367965	C22B 7 /-	2019382306	2019389860	2019368297
2019364823	2019384164	2019389199			E21D 17 /-
2019364829			E01H 5 /-	E04F 21 /-	2019368297
2019365100	C12N 9 /-	C23C 24 /-	2019377033	2019357862	E21D 5 /-
2019367965	2019360247	2019381834		2019358780	2019368297
2019369771	2019365100		E02B 11 /-	E04G 21 /-	F01D 25 /-
2019371238	2019367647	C25B 1 /-	2020373243	2019384735	
2019371830	2019375914	2019373093			2019359770
2019371994	2019379141	2019374584	E02B 3 /-	E04H 12 /-	F01N 13 /-
2019373340	2019379287		2019364045	2019355117	2019360328
2019375914	2019380861	C25B 11 /-	E02D 15 /-	2019382037	F01N 3 /-
2019376006	2019381736	2019391296	2020376449		2019360328
2019376161	2019384547	2019374584		E04H 4 /-	2019364463
2019376628	2019398351		E02D 27 /-	2019377806	F02B 37 /-
2019377131		C25B 15 /-			2019383763
2019377855	C12P 17 /-	2019391296	E02B 3 /-		
2019378036	2019375078		2019364045		
2019378881		C25B 15 /-	E02D 15 /-		
2019378883	C12P 19 /-	2019374584	2020376449		
2019379141	2019380861			E04H 15 /-	
2019379176		D01B 9 /-	E02D 5 /-		
2019379418	C12P 21 /-	2019397255	2019355117		
2019380517	2019364829	2019372551	2019372140		
2019380861	2019369771	D01D 1 /-	2020374586		
2019380940	2019374692	2019397255	2020376449		
2019381736	2019379418	D01D 5 /-	2020376449		
2019381805	2019380503				
2019382824	2019393487				
2019383423					
2019383490					
2019384164					
2019384547					
2019385506					

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<u>F02D 23 /-</u>	<u>F24F 13 /-</u>	<u>F41J 5 /-</u>	<u>G01N 33 /-</u>	<u>G01V 3 /-</u>	<u>G06F 15 /-</u>
2019383763	2019364474	2019363145	2019353000	2019373096	2019358968
<u>F03D 13 /-</u>	<u>F24F 3 /-</u>	<u>F42B 10 /-</u>	2019358647		
2019355117	2019364474	2019379776	2019360944	<u>G01V 5 /-</u>	<u>G06F 16 /-</u>
<u>F04D 13 /-</u>	<u>F24H 1 /-</u>	<u>F42D 1 /-</u>	2019362863	2019373096	2019361336
2019374832	2019359778	2019361737	2019364258	<u>G01V 99 /-</u>	2019381268
<u>F04D 29 /-</u>	<u>F24H 9 /-</u>	<u>G01B 5 /-</u>	2019368213	2019373096	2019382307
2018453648	2019359778	2019387471	2019369421	<u>G01W 1 /-</u>	2019388633
2019374832	<u>F25C 1 /-</u>	<u>G01B 7 /-</u>	2019370491	2019375967	2019389172
<u>F16B 1 /-</u>	2019355691	2019381850	2019371223	2019377129	2019390247
2019359770	2019380200	<u>G01F 23 /-</u>	2019371238	<u>G02B 21 /-</u>	2020221962
<u>F16B 31 /-</u>	2019381567	2019397255	2019374445		2020345605
2020206674	2019384866	2020229990	2019378779	<u>G02B 6 /-</u>	2020357557
<u>F16B 5 /-</u>	<u>F25C 5 /-</u>	<u>G01J 1 /-</u>	2019380627		2020372607
2019397384	2019355691	2019377129	2019389008	<u>G02C 7 /-</u>	
<u>F16D 66 /-</u>	<u>F25D 11 /-</u>	<u>G01J 5 /-</u>	2019406627	2019365208	
2019381850	2019355691	2019384823	2019409139	<u>G05B 19 /-</u>	
<u>F16F 7 /-</u>	<u>F25D 23 /-</u>	<u>G01L 5 /-</u>	<u>G01R 15 /-</u>	2019372392	<u>G06F 17 /-</u>
2019374991	2019381567	2020206674	2019383717	2019373533	2019378243
<u>F16F 9 /-</u>	<u>F25D 25 /-</u>	<u>G01M 11 /-</u>	<u>G01R 31 /-</u>	<u>G02B 6 /-</u>	<u>G06F 21 /-</u>
2019378179	2019355691	2019360254	2019393332	2019355385	2018445615
<u>F16H 25 /-</u>	<u>F25D 29 /-</u>	<u>G01N 1 /-</u>	2020350655	<u>G02C 7 /-</u>	2019354735
2020311277	2019355691	2019391029	<u>G01R 33 /-</u>	2019361336	2019362102
<u>F16K 1 /-</u>	<u>F27B 5 /-</u>	2020207365	2019387471	2019374742	2019378043
2019384679	2019359778	<u>G01N 15 /-</u>	2019393332	<u>G05B 19 /-</u>	2019381268
<u>F16L 1 /-</u>	<u>F27D 11 /-</u>	2019406627	<u>G01S 15 /-</u>	2019374158	2019398304
2019383469	2019359778	2020207365	2019363653	<u>G05B 23 /-</u>	2019398651
<u>F16L 37 /-</u>	<u>F28C 1 /-</u>	<u>G01N 19 /-</u>	<u>G01S 17 /-</u>	2019374158	2019400060
2018444718	2019396605	2019358143	2019387471	2019384731	2019426916
2019369689	<u>F28F 19 /-</u>	<u>G01N 21 /-</u>	2019393332	<u>G05D 1 /-</u>	2020210715
2019384679	2019396605	2019373533	<u>G01S 19 /-</u>	<u>G05F 1 /-</u>	2020211286
<u>F16L 39 /-</u>	<u>F28F 25 /-</u>	2019406534	2019383973	2019436653	<u>G06F 3 /-</u>
2019383469	2019396605	<u>G01N 23 /-</u>	<u>G01S 19 /-</u>	<u>G05G 1 /-</u>	2018448862
<u>F16L 9 /-</u>	<u>F28F 27 /-</u>	2019361733	2019380709	2019379873	2019356907
2019406237	2019396605	2019406627	2019393332	2020245666	2019358968
<u>F22B 1 /-</u>	<u>F41F 3 /-</u>	<u>G01N 29 /-</u>	<u>G01S 3 /-</u>	<u>G05F 1 /-</u>	2019378002
2019359778	2019379764	2019378878	2019393332	2019378043	2019381268
<u>F23K 5 /-</u>	<u>F41G 3 /-</u>	<u>G01N 30 /-</u>	<u>G01S 5 /-</u>	2019436653	2019394750
2019452201	2019363145	2019374164	2018449821	<u>G05G 1 /-</u>	<u>G06F 30 /-</u>
			2019380709	2019362388	2019384803
			<u>G01S 7 /-</u>	<u>G05G 23 /-</u>	<u>G06F 40 /-</u>
			2019363653	2019362388	2019388633
			2019380709	<u>G06F 1 /-</u>	2019390247
			<u>G01T 1 /-</u>	2019378713	2020345605
			2019380627	2019426916	2020357557
			<u>G01V 1 /-</u>	2020219324	<u>G06F 8 /-</u>
			2019373096	<u>G06F 11 /-</u>	2019386064
			2019382288	2019355933	<u>G06F 9 /-</u>
				2019364424	2019355933
				2019386064	2019376655
				<u>G06F 111 /-</u>	2020213853
				2019384803	2020219324
				<u>G06F 13 /-</u>	<u>G06K 19 /-</u>
				2019383975	2019381804
					2020360899

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<u>G06K 7 /-</u>	<u>G06Q 30 /-</u>	<u>G07C 1 /-</u>	<u>G21G 1 /-</u>	2020232743	2019357051
2019375854	2019362102	2019379056	2019378126	<u>H01Q 1 /-</u>	2019375385
2019397494	2019375417	<u>G07F 17 /-</u>	2019380047	2019379056	2019378207
<u>G06K 9 /-</u>	2019375854	2019370178	<u>G21G 4 /-</u>	2020222859	2019409870
2019360680	2019379323	2019380319	2019378126	<u>H01Q 13 /-</u>	2019373420
2019364424	2019380319	<u>G08B 21 /-</u>	2019380047	2019373420	<u>H02K 21 /-</u>
2019367163	2019380450	2019382307	<u>H01F 27 /-</u>	<u>H01Q 21 /-</u>	2019422940
2019370301	2019384803	<u>G08G 1 /-</u>	2019360423	2019379056	<u>H02K 5 /-</u>
2019382307	2020345539	2019383973	<u>H01F 41 /-</u>	<u>H01Q 7 /-</u>	2018441308
2019384731	<u>G06Q 40 /-</u>	<u>G08G 5 /-</u>	2019360423	2019379056	<u>H02K 9 /-</u>
2019387079	2019383975	2018449821	<u>H01F 6 /-</u>	<u>H01Q 9 /-</u>	2018441308
2019394188	2019384537	<u>G09B 9 /-</u>	2019360423	2019379056	<u>H02M 1 /-</u>
2020211935	2019420813	2019361263	<u>H01G 11 /-</u>	2020222859	2018451265
2020213434	<u>G06Q 50 /-</u>	<u>G09F 19 /-</u>	2019384817	<u>H01R 103 /-</u>	2019382082
2020319589	2019360680	2019427259	<u>H01G 9 /-</u>	2019375618	<u>H02M 3 /-</u>
<u>G06N 10 /-</u>	2019370178	<u>G16B 15 /-</u>	2019387156	<u>H01R 12 /-</u>	2018451265
2019356982	2019380319	2019392459	<u>H01H 13 /-</u>	2019359300	<u>H02M 7 /-</u>
<u>G06N 20 /-</u>	2019387813	<u>G16B 20 /-</u>	2019362388	<u>H01R 13 /-</u>	2018451265
2019357949	2019397261	2019357270	2019361733	2019359300	2019409870
2019384537	2019427259	2019379868	<u>H01J 35 /-</u>	2019375618	<u>H02S 20 /-</u>
2020345605	2019462739	<u>G16B 40 /-</u>	2019361733	<u>H02B 13 /-</u>	2019357793
2020377394	2020345539	2019379868	<u>H01J 49 /-</u>	2019355195	<u>H02S 30 /-</u>
<u>G06N 3 /-</u>	<u>G06Q 90 /-</u>	<u>G16H 10 /-</u>	2019384065	2020244443	2019357793
2019427259	2019427259	2019362102	<u>H01L 21 /-</u>	<u>H02G 3 /-</u>	<u>H03K 17 /-</u>
<u>G06T 1 /-</u>	<u>G06T 1 /-</u>	2019363232	2019381834	2019355385	2019382082
2019374742	2019374742	2019405685	<u>H01L 31 /-</u>	<u>H02H 3 /-</u>	<u>H03M 7 /-</u>
2019379868	<u>G06T 13 /-</u>	<u>G16H 20 /-</u>	2019383351	2019355195	2020230012
2019384731	2019364148	2018449648	2019384692	<u>H02H 7 /-</u>	<u>H04B 10 /-</u>
2019394750	<u>G06T 15 /-</u>	2019362102	<u>H01L 35 /-</u>	2019375385	2019363341
2020345605	2019364148	2019370301	2019381834	<u>H02J 1 /-</u>	<u>H04B 3 /-</u>
2020377394	<u>G06T 17 /-</u>	2019374695	2019384823	2018446804	2019373420
<u>G06N 5 /-</u>	2019364148	<u>G16H 30 /-</u>	<u>H01L 51 /-</u>	2019357100	<u>H04B 7 /-</u>
2020357557	<u>G06T 19 /-</u>	2019356529	2019387156	<u>H02J 13 /-</u>	2019363341
<u>G06N 7 /-</u>	2019374730	2019357949	<u>H01M 10 /-</u>	2019357051	2019373420
2018455699	2019374730	2019405685	2019378207	<u>H02J 3 /-</u>	2019386760
<u>G06Q 10 /-</u>	<u>G06T 3 /-</u>	<u>G16H 40 /-</u>	2019380872	2018451265	2019388921
2019360680	2020213434	2019356529	<u>H01M 4 /-</u>	201935195	2020216095
2019379323	<u>G06T 5 /-</u>	<u>G16H 50 /-</u>	2019374796	2019357051	<u>H04L 12 /-</u>
2019389172	2019374742	2019357949	2019380872	2019357100	2018436780
2019420813	2020213434	2019405685	2019390253	2019377129	2018445583
2019427259	<u>G06T 7 /-</u>	2019357949	<u>H01M 8 /-</u>	<u>H02J 7 /-</u>	2018445604
2019462739	2019364148	2019363232	2018448856	2018446804	2019375082
2020264266	2019374730	2019405685	2019373093		
2020264283	2019379860	<u>G16H 80 /-</u>			
2020264287	2019380709				
2020321734	2019382307				
2020345539	2019386119				
<u>G06Q 20 /-</u>					
2019360363					
2019362145					
2019375854					
2019380450					
2019384537					
2019386621					
2019392553					
2019424510					

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<u>H04L 21 /-</u>	<u>H04R 15 /-</u>	<u>H04W 80 /-</u>
2019393786	2019378878	2019371638
<u>H04L 25 /-</u>	<u>H04R 19 /-</u>	2020276949
2019388921	2019378878	<u>H04W 88 /-</u>
<u>H04L 29 /-</u>	<u>H04W 12 /-</u>	2019378043
2018445583	2019372747	2020276949
2018445615	2019378043	2020360899
2019354735	2019418792	<u>H04W 92 /-</u>
2019375417	2020210715	2019373002
2019376655	2020211286	
2019378764	2020241544	<u>H05B 1 /-</u>
2019385805		2019409870
2019398304	<u>H04W 28 /-</u>	
2019398651	2018436780	<u>H05B 6 /-</u>
2019400060		2019359778
2019418792	<u>H04W 36 /-</u>	2019395786
2019449420	2019373007	2019409870
2020210715	2020216095	
2020211286		<u>H05K 1 /-</u>
2020239994	<u>H04W 4 /-</u>	2019398021
2020241544	2019383975	
2020276949	2019392759	<u>H05K 3 /-</u>
2020360899	2020239994	2019398021
<u>H04L 5 /-</u>	2020299137	
2018447232	2020360899	<u>H05K 7 /-</u>
2018447795		2019378713
2019388921	<u>H04W 40 /-</u>	
2019429754	2019375082	
<u>H04L 9 /-</u>	<u>H04W 52 /-</u>	
2019381268	2018447795	
2020239994		<u>H04W 68 /-</u>
2020241544		
2020346686	<u>H04W 72 /-</u>	
<u>H04M 1 /-</u>	2019373002	
2020222859		<u>H04M 3 /-</u>
<u>H04M 3 /-</u>	2018447232	2018447795
2019393786	2019370231	2019373784
2020239994	2019373784	2019382463
<u>H04N 19 /-</u>	2019388921	2019422019
2019374663	2019422019	2019438207
2019375315	2020216095	
2019377757		<u>H04W 74 /-</u>
2019378514		
<u>H04N 21 /-</u>	2018448175	<u>H04W 76 /-</u>
2019370178		2019371638
2019371451	<u>H04W 76 /-</u>	2019372747
2019378002	2019371638	2019421503
2020216550	2020216095	2020360899
<u>H04N 5 /-</u>	2020360899	
2020216550		<u>H04W 8 /-</u>
<u>H04N 7 /-</u>		2019383599
2019382307	2020276949	2020360899
	2020360899	

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A61P 25/16 (2006.01)
A61P 35/00 (2006.01)
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A61P 25/30 (2006.01)
C07D 401/14 (2006.01)
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B65D 81/20 (2006.01)
B65D 88/74 (2006.01)
B65D 90/48 (2006.01)
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2015271963	Phytogen Seed Company LLC	2016338823	Medical Microinstruments S.p.A.
2015305892	Supercritical Fluid Technologies, Inc.	2016342225	Bombardier Transportation GmbH
2015317889	OBI Pharma, Inc.	2016344404	RJSK, LLC
2015329555	Sedonasys Systems Ltd	2016344724	Tesmec S.p.A.
2015335725	Research Corporation Technologies, Inc.	2016345367	IFP Energies Nouvelles
2015343239	Memorial Sloan Kettering Cancer Center	2016345993	Stevlos B.V.
2015350075	Regeneron Pharmaceuticals, Inc.	2016349408	Carinopharm GmbH
2015367226	Fugro Roames Pty Limited	2016361663	Finn Associates (Businesscare) Limited; Merlin Fuel Technology Limited
2015370673	Innovate Pharmaceuticals Limited		
2015371265	Neximmune, Inc	2016364438	Sumitomo Metal Mining Co., Ltd.
2015393124	Hubbell Incorporated	2016369047	Construction Research & Technology GmbH
2015409278	University of Virginia Patent Foundation	2016370818	Mars, Incorporated
2015417912	Halliburton Energy Services, Inc.	2016375860	NuCan plc
2016201349	PACCAR Inc	2016378276	Sika Technology AG
2016201557	RODA IBÉRICA, S.L.	2016380794	DuPont Safety & Construction, Inc.
2016202345	Schneider Electric USA, Inc.	2016381341	UT-Battelle, LLC
2016208486	Haldor Topsoe A/S	2016384243	ViCentra B.V.
2016212158	Allogene Therapeutics, Inc.; Collectis	2016393784	Casale SA
2016221497	Ultrahaptics IP Limited	2017200798	STABILA Messgerate Gustav Ullrich GmbH
2016222357	Deere & Company	2017217011	Medical Components, Inc.
2016224583	Eisai R&D Management Co., Ltd.	2017217542	Janssen Pharmaceutica NV
2016225119	Iowa State University Research Foundation, Inc.; Zoetis Services LLC	2017218783	The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization, (A.R.O.), The Volcani Center
2016227408	Radius Sonnen und Wetterschutz GmbH		
2016232104	Institut Hospitalier Universitaire de Strasbourg; INSERM (Institut National de la Sante et de la Recherche Medicale); Universite de Strasbourg	2017225713	Chemical Intelligence Limited
2016232122	GBF Gesellschaft für Bemessungsforschung MBH	2017238999	Syngenta Participations AG
2016233731	EnChroma, Inc.	2017246093	Qualcomm Incorporated
2016242866	Regeneron Pharmaceuticals, Inc.	2017249050	Fresenius Medical Care Holdings, Inc.
2016244242	Sulzer Management AG	2017249974	Qualcomm Incorporated
2016246065	Dana-Farber Cancer Institute, Inc.	2017256857	Teknologian Tutkimuskeskus VTT Oy
2016247121	Legrand Australia Pty Ltd	2017258193	Samumed, LLC
2016247498	Ferring B.V.	2017261253	Landis+Gyr Innovations, Inc.
2016248002	Teixeira dos Santos Paulo, Nelson Jorge	2017266896	Benz Research and Development Corp.
2016253554	Polygroup Macau Limited (BVI)	2017268727	Fibria Celulose S.A.; Ensyn Renewables, Inc.
2016255769	Visa International Service Association	2017274071	Watkins, R.
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2016262579	Magic Leap, Inc.	2017279846	Robert Bosch GmbH
2016264813	Bitdefender IPR Management Ltd	2017283491	ChemoCentryx, Inc.
2016270327	Looker Data Sciences, Inc.	2017284124	GenFleet Therapeutics (Shanghai) Inc.
2016270738	University of Massachusetts	2017288908	JBT AeroTech Corporation
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2016271303	Xeno Biosciences Inc.	2017291280	Vollmar, M.
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2016272869	Synrocks SA	2017294791	FTR Labs Pty Ltd
2016281420	Koninklijke Douwe Egberts B.V.	2017298024	iBIONICS Inc.
2016284313	Johnson & Johnson Consumer Inc.	2017303485	Cosentino Research & Development, S.L.
2016292902	Dompe' Farmaceutici S.p.A.	2017304761	Almac Discovery Limited
2016305727	Marchetti, R.	2017311927	National Institute of Advanced Industrial Science and Technology
2016305903	Nobelpharma Co., Ltd.; National University Corporation Kumamoto University; Wakayoshi Seisakusho Co., Ltd.		
2016307888	Assa Abloy Limited	2017312524	Curium US LLC
2016308615	United Arab Emirates University; Abu Dhabi Oil Refining Company (Takreer)	2017314560	Toray Industries, Inc.
2016308652	The Johns Hopkins University	2017362594	Evonik Operations GmbH
2016309946	Commonwealth Scientific and Industrial Research Organisation	2017373901	Zealand Pharma A/S
2016313961	Heartfelt Technologies Limited	2017383598	Sichuan Kelun-Biotech Biopharmaceutical Co., Ltd.
2016315634	Bayer HealthCare LLC	2017385354	Shanghai Green Valley Pharmaceutical Co., Ltd.
2016322548	Valvoline Licensing and Intellectual Property, LLC	2017388945	Mitsui Chemicals, Inc.
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2016329044	Commonwealth Scientific and Industrial Research Organisation	2017420428	Hanwha Corporation
2016333016	Bagnato, M.	2017422813	Longi Magnet Co., Ltd.
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		2017426445	Intuit Inc.
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2018236614	LG Electronics Inc.	2019268200	Takeda Pharmaceutical Company Limited
2018243067	Li, L.	2019271885	Breville Pty Limited
2018244221	NantCell, Inc.	2019271993	QILU UNIVERSITY OF TECHNOLOGY
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2018279893	Waymo LLC	2019312558	IB Operations Pty Ltd
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2018289033	Baker Hughes Holdings, LLC	2019359149	Institute of Geology and Geophysics, Chinese Academy of Sciences
2018317939	The University of Sydney	2019359772	PANO SOLUTIONS PTY. LTD.
2018324288	LifeStyles Healthcare Pte. Ltd.	2019374160	China University of Mining and Technology
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2018348583	S E C Engineering and Design Limited	2020200662	LG Electronics Inc.
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2018383853	GenFleet Therapeutics (Shanghai) Inc.	2020210272	Gen-Probe Incorporated
2018402915	Qingdao Haier Co., Ltd.	2020256395	Institute of Geology and Geophysics, Chinese Academy of Sciences
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2019200890	Agriculture Victoria Services Pty Ltd		
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	2019246867	2016333767	<u>A61K 38 /-</u>	<u>A61M 1 /-</u>	
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<u>A01N 31 /-</u>	<u>A47J 27 /-</u>	<u>A61C 7 /-</u>	<u>A61K 39 /-</u>	2017217011 2019203245	<u>A61P 37 /-</u>
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<u>A01N 43 /-</u>	<u>A47J 31 /-</u>	<u>A61C 9 /-</u>		2016270738	<u>A61P 43 /-</u>
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<u>A01N 45 /-</u>	<u>A47J 43 /-</u>	<u>A61F 2 /-</u>	2016292902 2017311927	<u>A61M 39 /-</u>	<u>A61P 5 /-</u>
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<u>A23K 40 /-</u>	<u>A61B 18 /-</u>		2016284313 2016329044	2017314560	
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<u>A23K 50 /-</u>			2015370673	2017217542 2017304761	

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<u>B01D 29 /-</u>	<u>B25B 21 /-</u>	2020202270	2018427688	<u>C07C 37 /-</u>	2017284124
2019275512	2016271344	<u>B63B 21 /-</u>	<u>B66C 1 /-</u>	2018317939	2018383853
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<u>B01D 63 /-</u>	<u>B32B 13 /-</u>	2020202270	2016305727	2017238999	2016375860
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2016369047	<u>G02C 7 /-</u>	<u>G06T 7 /-</u>	<u>H04L 1 /-</u>	2019262900
<u>G01N 21 /-</u>	2016233731	2016313961	2018263932	<u>H05B 45 /-</u>
	2020202124	2018403377		
2017256857		2019308228	<u>H04L 12 /-</u>	2019262900
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2018271276	2018248439	2016202345	<u>H04N 7 /-</u>	
<u>G01R 29 /-</u>	<u>G06F 16 /-</u>	<u>H01L 21 /-</u>	2017426445	
2020202351	2016270327	2017312524	<u>H04R 1 /-</u>	
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(51) Int. Cl.
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G01S 3/04 (2006.01)
G01S 3/46 (2006.01)
G01S 3/48 (2006.01)
G01S 13/42 (2006.01)
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(45) 03.06.2021
(62) PCT/US2019/027381
(72) ERTAN, Tunc; LEDVINA, Brent M.; BRUMLEY, Robert W.; MEYER, Adam S.; TSOI, Peter C.
(74) FPA Patent Attorneys Pty Ltd

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B60D 1/52 (2006.01)
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(72) MELLAR, STEVEN FRANK
(74) Robert Charles Kelson

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(51) Int. Cl.
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(51) Int. Cl.
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B60P 3/38 (2006.01)
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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2016269707 **Sanofi-Aventis Deutschland GmbH** (SHL Medical AG
- Switzerland)

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2014287005	2014322046	2014364119	2014365971
2014401440	2014413585	2015220783	2015220784
2015227433	2015231022	2015244729	2015252691
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2016382036	2016383024	2016413572	2017213405
2017217314	2017219847	2017222908	2017223891
2017227983	2017235293	2017236312	2017240485
2017240632	2017246680	2017254754	2017264931
2017264997	2017265219	2017271968	2017273117
2017285448	2017286380	2017292874	2017314640
2017315462	2017316712	2017325129	2017326359
2017330795	2017331380	2017331486	2017339984
2017342428	2017343836	2017355453	2017357454
2017360465	2017362937	2017365026	2017377774
2017382436	2017386169	2017387920	2017409899
2017413555	2017415315	2017427465	2017431039
2017433792	2017435486	2018201354	2018204061
2018207218	2018211293	2018212642	2018221278
2018221670	2018222073	2018230677	2018239198
2018239923	2018240159	2018243038	2018243705
2018246094	2018247223	2018247817	2018249092
2018251592	2018253496	2018264106	2018268194
2018269159	2018272237	2018274889	2018274893
2018275003	2018275545	2018278730	2018279046
2018282318	2018288848	2018300149	2018309216
2018311901	2018317347	2018337454	2018347851
2018349163	2018364943	2018366798	2018368776
2018369033	2018374211	2018375358	2018383530
2018394997	2018398537	2018401713	2018408191
2018413669	2018425106	2018427745	2018430608
2019200097	2019200101	2019200450	2019200556
2019201286	2019201642	2019201729	2019202044
2019202257	2019202311	2019202383	2019202395

Patents Granted**Standard Patents**

2019202699	2019202742	2019203064	2019203140
2019203147	2019203210	2019203476	2019203507
2019203610	2019203723	2019203733	2019203747
2019203882	2019203890	2019204192	2019204751
2019204978	2019205970	2019208225	2019208256
2019210493	2019210520	2019211700	2019213441
2019226118	2019229343	2019232820	2019236684
2019240548	2019250153	2019250264	2019257410
2019257442	2019264561	2019264585	2019267809
2019275527	2019275566	2019279989	2019280015
2019282240	2019283408	2019283968	2019289638
2019310299	2019399653	2020200594	2020200665
2020200820	2020200937	2020202574	2020204437
2020277276	2020281129		

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2016102462	2016102463	2020104097	2020104415
2020104424	2021100098	2021100139	2021100150
2021100421	2021100441	2021101047	2021101086
2021101103	2021101222	2021101275	2021101338
2021101439	2021101467	2021101471	2021101516
2021101547	2021101556	2021101630	2021101637
2021101643	2021101647	2021101661	2021101680
2021101691	2021101696	2021101705	2021101744
2021101751	2021101757	2021101758	2021101779
2021101781	2021101782	2021101783	2021101808
2021101810	2021101812	2021101813	2021101818
2021101832	2021101837	2021101844	2021101845
2021101846	2021101847	2021101848	2021101849
2021101850	2021101851	2021101853	2021101854
2021101855	2021101857	2021101858	2021101860
2021101862	2021101863	2021101864	2021101865
2021101866	2021101867	2021101868	2021101870
2021101871	2021101872	2021101874	2021101875
2021101876	2021101879	2021101880	2021101881
2021101882	2021101883	2021101884	2021101885
2021101886	2021101887	2021101888	2021101889
2021101890	2021101891	2021101892	2021101895
2021101896	2021101897	2021101898	2021101901
2021101904	2021101905	2021101906	2021101907
2021101908	2021101909	2021101910	2021101911
2021101912	2021101914	2021101915	2021101916
2021101917	2021101918	2021101919	2021101920
2021101921	2021101922	2021101926	2021101927
2021101928	2021101929	2021101931	2021101932
2021101934	2021101935	2021101936	2021101937
2021101939	2021101940	2021101941	2021101942
2021101943	2021101944	2021101945	2021101946
2021101947	2021101948	2021101949	2021101950
2021101951	2021101952	2021101953	2021101955
2021101958	2021101959	2021101961	2021101963
2021101964	2021101965	2021101967	2021101968
2021101969	2021101970	2021101971	2021101974
2021101975	2021101976	2021101977	2021101978
2021101979	2021101980	2021101982	2021101986
2021101989	2021101990	2021101991	2021101993
2021101995	2021101996	2021102000	2021102002
2021102003	2021102004	2021102006	2021102007
2021102008	2021102011	2021102012	2021102013
2021102014	2021102020	2021102021	2021102026
2021102027	2021102030	2021102031	2021102037
2021102052	2021102056	2021102060	2021102064
2021102073	2021102076	2021102081	2021102086
2021102099	2021102100	2021102109	2021102110
2021102111	2021102113	2021102123	2021102137
2021102139	2021102141	2021102157	2021102159
2021102163	2021102167	2021102176	2021102189
2021102216	2021102243	2021102244	2021102247
2021102255	2021102259		

Patents Granted

Innovation Patents

Assignments Registered

2002015678 Holyoake Industries (VIC.) Pty Limited The patent has been assigned to **Price Holyoake (NZ) Limited**

2002321447 Axiom Process Limited The patent has been assigned to **National Oilwell Varco UK Limited**

2003250588 Newton Enterprises Ltd The patent has been assigned to **Robovision Limited**

2006348721 Right Kind Australia Pty Ltd The patent has been assigned to **Jeiko Innovations Oy**

2007336963 Rail-Veyor Systems, Inc. The patent has been assigned to **Rail-Veyor Technologies Global Inc.**

2008255643 Rolle Industries Pty Ltd The patent has been assigned to **Rollden Pty Ltd**

2008323618 Aqua Diagnostic Pty Ltd The patent has been assigned to **579453 Ontario Inc.**

2010223919 Agios Pharmaceuticals, Inc. The patent has been assigned to **Les Laboratoires Servier SAS**

2010251701 Aqua Diagnostic Holdings Pty Ltd The patent has been assigned to **579453 Ontario Inc.**

2010257919 Huawei Technologies Co., Ltd. The patent has been assigned to **Honor Device Co., Ltd.**

2010268227 Ixwaves Sarl The patent has been assigned to **IXBlue**

2010337197 Fikes, Raymond The patent has been assigned to **Sigvaris AG**

2011278998 Agios Pharmaceuticals, Inc. The patent has been assigned to **Les Laboratoires Servier SAS**

2011349114 Stafford, Brian The patent has been assigned to **Britain, Matthew**

2011367793 Penner, Jeffrey The patent has been assigned to **7295058 Manitoba Ltd.**

2012205012 Huawei Device (Shenzhen) Co., Ltd. The patent has been assigned to **Honor Device Co., Ltd.**

2012305053 Stichting Katholieke Universiteit The patent has been assigned to **Stichting Radboud Universitair Medisch Centrum**

2013211436 Agios Pharmaceuticals, Inc. The patent has been assigned to **Les Laboratoires Servier SAS**

2013311983 Innovex Downhole Solutions, Inc. The patent has been assigned to **X-Holding GmbH**

2013338291 Ebates Inc. The patent has been assigned to **Rakuten Group, Inc.**

2013347771 Agios Pharmaceuticals, Inc. The patent has been assigned to **Les Laboratoires Servier SAS**

2013371482 Gracenote, Inc. The patent has been assigned to **Roku, Inc.**

2014100484 Fitness Engineers Pty Ltd The patent has been assigned to **F45 Training Pty Ltd**

Assignments Registered

2014100698 Fitness Engineers Pty Ltd The patent has been assigned to **F45 Training Pty Ltd**

2014218733 Medeon Biodesign, Inc. The patent has been assigned to **Terumo Medical Corporation**

2014289744 Agios Pharmaceuticals, Inc. The patent has been assigned to **Les Laboratoires Servier SAS**

2014303149 SunPower Corporation The patent has been assigned to **Maxeon Solar Pte. Ltd.**

2014391026 Huawei Technologies Co., Ltd. The patent has been assigned to **Honor Device Co., Ltd.**

2014403049 Huawei Technologies Co., Ltd. The patent has been assigned to **Honor Device Co., Ltd.**

2014403138 Huawei Technologies Co., Ltd. The patent has been assigned to **Honor Device Co., Ltd.**

2014405464 Huawei Technologies Co., Ltd. The patent has been assigned to **Honor Device Co., Ltd.**

2014405473 Huawei Technologies Co., Ltd. The patent has been assigned to **Honor Device Co., Ltd.**

2015255023 Axiom Process Limited The patent has been assigned to **National Oilwell Varco UK Limited**

2015270223 Medeon Biodesign, Inc. The patent has been assigned to **Terumo Medical Corporation**

2015278236 Fitness Engineers Pty Ltd The patent has been assigned to **F45 Training Pty Ltd**

2015311408 Jiangsu Shenma Electric Co.,Ltd. The patent has been assigned to **Shemar Holding Pte. Ltd.**

2016100550 Crown Melbourne Limited The patent has been assigned to **Club Gaming Pty Ltd**

2016100883 Fitness Engineers Pty Ltd The patent has been assigned to **F45 Training Pty Ltd**

2016204346 Agios Pharmaceuticals, Inc. The patent has been assigned to **Les Laboratoires Servier SAS**

2016204972 Penner, Jeffrey The patent has been assigned to **7295058 Manitoba Ltd.**

2016228080 Innovative Cellular Therapeutics Co., Ltd. The patent has been assigned to **Innovative Cellular Therapeutics Holdings, Ltd.**

2016247117 MyDrive Solutions Limited The patent has been assigned to **Generali Jeniot S.p.A.**

2016404863 Huawei Technologies Co., Ltd. The patent has been assigned to **Honor Device Co., Ltd.**

2017202914 Ebates Inc. The patent has been assigned to **Rakuten Group, Inc.**

2017222700 Immunexus Pty Ltd The patent has been assigned to **Immunexus Therapeutics Limited**

2017265100 Agios Pharmaceuticals, Inc. The patent has been assigned to **Les Laboratoires Servier SAS**

2017414413 Huawei Technologies Co., Ltd. The patent has been assigned to **Honor Device Co., Ltd.**

Assignments Registered

2018331308 The Nielsen Company (US), LLC The patent has been assigned to **Roku, Inc.**

2018331314 The Nielsen Company (US), LLC The patent has been assigned to **Roku, Inc.**

Mortgages Registered - Section 187, Reg. 19

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

2016247584 ADC Therapeutics S.A.; MedImmune Limited (Deerfield Partners, L.P.)

Corrigenda

In Vol 32 , No 21 , Page(s) 3085 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Research Triangle Institute, International, Application No. 2016366310, under INID (71) correct the applicant name to Research Triangle Institute

In Vol 35 , No 10 , Page(s) 1579 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name The Technology Partnership PLC., Application No. 2019311817, under INID (71) correct the applicant name to LEX Diagnostics Ltd

In Vol 35 , No 19 , Page(s) 4103 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Miraki Innovation Think Tank LLC ., Application No. 2019355657, under INID (72) correct the co-inventor to VELIS, Christopher

In Vol 35 , No 20 , Page(s) 4201 under the heading **Complete Applications Filed - Name Index** Under the name XIAMEN OAMIC BIOTECHNOLOGY CO., LTD, Application No. 2021202527, under INID (71) correct the applicant name to XIAMEN OAMIC BIOTECH CO., LTD

In Vol 35 , No 20 , Page(s) 4228 under the heading **Amendments - Application for Amendments** Under the name Skyhawk Therapeutics, Inc., Patent Application No. 2018309187 correct the date of the statements filed to 28 Apr 2021 and 5 May 2021

In Vol 35 , No 20 , Page(s) 4229 under the heading **Amendments - Amendments Made** Under the name Otsuka Pharmaceutical Co., Ltd., Application No. 2021201135, under INID (72) correct the co-inventor to Iida, Masatoshi

In Vol 35 , No 20 , Page(s) 4385 under the heading **Applications Accepted - Name Index** Under the name Research Triangle Institute, International, Application No. 2016366310, under INID (71) correct the applicant name to Research Triangle Institute

In Vol 35 , No 21 , Page(s) 4447 under the heading **Amendments - Application for Amendments** Under the name SureTint Technologies, LLC, Patent No. 2012211497 correct the date of the statements to 29 May 2020, 11 Aug 2020, 30 Oct 2020, 22 Jan 2021 and 15 Apr 2021

In Vol 35 , No 21 , Page(s) 4449 under the heading **Amendments - Amendments Made** Under the name Enzyre B.V., Application No. 2019362596, under INID (72) correct inventor van HEERDE, Waander Laurens to read van HEERDE, Waander Laurens

In Vol 35 , No 21 , Page(s) 4494 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Academisch Ziekenhuis Leiden (h.o.d.n. LUMC), Application No.

Corrigenda

2019356414, under INID (54) correct the title to read Binding proteins specific for HA-1H and uses thereof

Specifications Republished

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

2016262526	Uber Technologies, Inc.
2016349584	Merck Patent GmbH
2016355433	Araxes Pharma LLC
2017218407	PepsiCo, Inc.
2017269958	Qualcomm Incorporated
2017377309	Otsuka Pharmaceutical Factory, Inc.
2019206132	Immunogen, Inc.