



**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](http://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 No.</u>	<u>ITEM</u>	<u>INID No.</u>
<b>A) Provisional applications filed - Name Index</b>			<b>B) Complete applications filed - Name Index</b>
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 No.</u>	<u>ITEM</u>	<u>INID No.</u>
<b>C) Applications open to public inspection - Name Index</b>			<b>D) Applications accepted - Name Index</b>
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 No.</u>		
<b>E) Patents Certified – Name Index</b>			
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)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

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## Proceedings under the Patents Act 1990

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### Provisional Applications Filed

#### Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 8 Feb 2022 .

(71) 3rd Axis Pty Ltd (21) 2022900282      (22) 11.02.2022 (54) Osteointegration Framework for Improved Osteointegration	Bulley, S. see The New Zealand Institute for Plant and Food Research Limited (21) 2022900309	particular customer engagements and where necessary to particular plans for carrying out that engagement.
(71) AgCoTech Pte Ltd (21) 2022900305      (22) 14.02.2022 (54) Emissions-reducing feed supplement	(71) Carideo, A. (21) 2022900314      (22) 14.02.2022 (54) Wind Turbine	(71) David Feng Pty Ltd (21) 2022900281      (22) 11.02.2022 (54) A composition and method of use thereof
(71) Atomo Diagnostics Limited (21) 2022900285      (22) 11.02.2022 (54) PRE-MIX TEST VESSEL	(71) Caroma Industries Limited (21) 2022900304      (22) 14.02.2022 (54) Water cleansing system and method for water usage environment	(71) Delich Holdings Pty Ltd (21) 2022900252      (22) 08.02.2022 (54) Wheelbarrow Loader
(71) Bancroft, S. (21) 2022900302      (22) 14.02.2022 (54) MARINE SEARCH AND RESCUE DEVICE AND METHOD	(71) CellAED Life Saver Pty Ltd (21) 2022900264      (22) 09.02.2022 (54) AUTOMATED EXTERNAL DEFIBRILLATORS WITH AUTOMATIC SELECTION BETWEEN ADULT AND PAEDIATRIC DEFIBRILLATION DOSES	(71) DIY Resolutions Pty Ltd (21) 2022900274      (22) 10.02.2022 (54) Item Organisation System
(71) Barrington Transport Solutions Pty Ltd (21) 2022900280      (22) 11.02.2022 (54) STEP DEVICE FOR USE IN A PLATFORM GAP	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022900312      (22) 14.02.2022 (54) Agent Data Processing	Dobozy, J. see Molectra Rubber Tech Ltd (21) 2022900300
(71) Berkshire Renewable Energy Pty Ltd (21) 2022900223      (22) 04.02.2022 (54) DEWATERING SYSTEM	(71) Cozanitis, M. (21) 2021903530      (22) 04.11.2021 (54) A compact gas-operated autoloading firearm mechanism	(71) DOBOZY, J.; Molectra Rubber Tech Ltd (21) 2022900298      (22) 13.02.2022 (54) Molectra Vacuum Synthesis and Carbonization
(71) Blue Economy CRC Co (21) 2022900276      (22) 10.02.2022 (54) Energy Converter Module	(71) Cripps Clark, J. (21) 2022900256      (22) 09.02.2022 (54) QMo - devices, architectures and methods for enabling portable production or transport to potential users able to parameterize their use with reference to maps and mapped specifications, and able to develop process related to the efficient location and sustainable delivery and use of resources for those processes and the continued availability of service ongoingly including but not limited to charging of batteries and booking of equipment and other resources to	DOBOZY, J. see Molectra Rubber Tech Ltd (21) 2022900299
(71) BOVIN, N.; HENRY, S. (21) 2022900310      (22) 14.02.2022 (54) ASSAY	(71) Easton, B. (21) 2022900316      (22) 14.02.2022 (54) Portable Shower Enclosure	(71) EYE CO PTY LTD (21) 2022900318      (22) 15.02.2022 (54) TREATMENT OF ANTI-VEGF REFRACTORY OPHTHALMIC RETINAL EYE CONDITIONS
(71) Breville Pty Limited (21) 2022900320      (22) 15.02.2022 (54) Juicer	(71) Fletcher, C. (21) 2022900245      (22) 07.02.2022 (54) Wheelchair Legasizer	

## Provisional Applications Filed - Name Index cont'd

(71) Flinders University  
 (21) 2022900289 (22) 11.02.2022  
 (54) NEW POLYMERS AND USES THEREOF

(71) Fotheringham, D.  
 (21) 2022900246 (22) 07.02.2022  
 (54) Pursued Vehicle Disabling System

(71) F-PAC PTY. LTD.  
 (21) 2022900272 (22) 10.02.2022  
 (54) Mechanical Fastening System

(71) FutureFeed Pty Ltd  
 (21) 2022900266 (22) 09.02.2022  
 (54) NOVEL COMPOSITION

(71) Gatt, B.  
 (21) 2022900308 (22) 14.02.2022  
 (54) Ramp assembly and associated method

(71) Griffith University  
 (21) 2022900253 (22) 08.02.2022  
 (54) PROGNOSTIC BIOMARKERS AND USES THEREFOR

(71) Haemograph Pty Ltd  
 (21) 2022900290 (22) 11.02.2022  
 (54) Vented piston

**HENRY, S. see BOVIN, N.**  
 (21) 2022900310

(71) Hunter, S.  
 (21) 2022900279 (22) 11.02.2022  
 (54) Pairing erasable coloured markers with a coffee mug to write on.

(71) Imitex Pty Ltd  
 (21) 2022900283 (22) 11.02.2022  
 (54) Compounds for improved health

(71) InfraBuild Wire Pty Limited  
 (21) 2022900293 (22) 11.02.2022  
 (54) METAL ALLOY COATING

(71) Jain, L.  
 (21) 2022900296 (22) 12.02.2022  
 (54) Platform for shared economy for kitchens/restaurants/cafes allowing to rent existing kitchens to other cooks/chefs during off hours

(71) KAIP Pty Limited  
 (21) 2022900255 (22) 08.02.2022  
 (54) VAV Diffuser Controls

(71) Levy, J.  
 (21) 2022900269 (22) 10.02.2022  
 (54) Infinity Coil Axial Flux Motor

**Li, D. see The New Zealand Institute for Plant and Food Research Limited**  
 (21) 2022900309

(71) Lieu, F.  
 (21) 2022900275 (22) 10.02.2022  
 (54) The Use of Proxy Components to Access Software Components on a Remote Computer

**Liu, X. see The New Zealand Institute for Plant and Food Research Limited**  
 (21) 2022900309

(71) Lygon 1B Pty Ltd  
 (21) 2022900277 (22) 10.02.2022  
 (54) Distributed ledger technology and bank guarantees

(71) Macquarie University  
 (21) 2022900291 (22) 11.02.2022  
 (54) Laminating of solar cells using microwaves

(71) Macquarie University  
 (21) 2022900292 (22) 11.02.2022  
 (54) Delaminating of photovoltaic modules using microwaves

(71) Mapika, E.  
 (21) 2022900313 (22) 14.02.2022  
 (54) Use of hydraulic accumulators for energy storage for the purpose of regenerating electricity

(71) Matthews, N.  
 (21) 2022900270 (22) 09.02.2022  
 (54) Variable, Vehicles

(71) Matthews, N.  
 (21) 2022900271 (22) 09.02.2022  
 (54) Basketball

(71) McLees, D.  
 (21) 2022900259 (22) 09.02.2022  
 (54) Safety device for a fire extinguisher

(71) Menzies, G.  
 (21) 2022900284 (22) 11.02.2022  
 (54) OVERHEIGHT FRAME ASSEMBLY

(71) Mesoblast International Sarl  
 (21) 2022900260 (22) 09.02.2022  
 (54) Method for treating acute respiratory distress syndrome (ARDS) in specific patients using mesenchymal lineage precursor or stem cells

(71) MICROBA IP PTY LTD  
 (21) 2022900261 (22) 09.02.2022  
 (54) COMPOSITIONS AND METHODS FOR TREATING DISEASE

(71) Miszkurka, W.  
 (21) 2022900317 (22) 14.02.2022  
 (54) HemoreX

**Molectra Rubber Tech Ltd see DOBOZY, J.**  
 (21) 2022900298

(71) Molectra Rubber Tech Ltd; DOBOZY, J.  
 (21) 2022900299 (22) 13.02.2022  
 (54) Microbial CarbonEater Fertilizer

(71) Molectra Rubber Tech Ltd; Dobozy, J.  
 (21) 2022900300 (22) 13.02.2022  
 (54) Green MasterBatch

(71) Monash University  
 (21) 2022900319 (22) 15.02.2022  
 (54) Antibodies for binding CCR6

(71) Natural Corporation Pty Ltd  
 (21) 2022900251 (22) 08.02.2022  
 (54) Spreader Bar

(71) Neopharma Technologies Ltd  
 (21) 2022900301 (22) 13.02.2022  
 (54) PORTABLE DRUG TEST KIT

(71) Ng, F.  
 (21) 2022900295 (22) 12.02.2022  
 (54) Methods and Apparatuses for Enhancing Knee-joint well-being

(71) OZKOR Pty. Ltd.  
 (21) 2022900311 (22) 14.02.2022  
 (54) Pallet

(71) Proteomics International Pty Ltd  
 (21) 2022900265 (22) 09.02.2022  
 (54) Airway disease biomarkers

(71) Rain Harvesting Pty Ltd  
 (21) 2022900250 (22) 08.02.2022  
 (54) Gutter mesh installation

## Provisional Applications Filed - Name Index cont'd

(71) Raphael, F.  
 (21) 2022900278                   (22) 11.02.2022  
 (54) Fresh Produce Storage Device

(71) ResMed Pty Ltd  
 (21) 2022900315                   (22) 14.02.2022  
 (54) PATIENT INTERFACE SYSTEM

(71) Rogers, J.  
 (21) 2022900262                   (22) 09.02.2022  
 (54) IMPROVEMENTS IN AND RELATING TO ARTICLES OF CLOTHING, FOOTWEAR AND HEADGEAR

(71) Saluda Medical Pty Ltd  
 (21) 2022900303                   (22) 14.02.2022  
 (54) Improved detection of neural responses to neurostimulation

(71) Sicona Battery Technologies Pty Ltd  
 (21) 2022900263                   (22) 09.02.2022  
 (54) Silicon composite materials

(71) SIDC PTY LTD  
 (21) 2022900258                   (22) 09.02.2022  
 (54) IMPROVED MODULAR METHOD FOR POST AND RAIL FENCE CONSTRUCTION

(71) Small, R.  
 (21) 2022900306                   (22) 14.02.2022  
 (54) Vehicle Transport and Fire Suppression Container

(71) Sten, M.  
 (21) 2022900287                   (22) 11.02.2022  
 (54) SEATING UNIT

(71) Stewart, T.  
 (21) 2022900294                   (22) 11.02.2022  
 (54) Mobile Dispersing bin

(71) Thai Union Group Public Company Limited  
 (21) 2022900257                   (22) 09.02.2022  
 (54) Minimal Packaging Can Multipack System

(71) The New Zealand Institute for Plant and Food Research Limited; Wuhan Botanical Garden; Li, D.; Liu, X.; Zhong, C.; Xie, X.; Bulley, S.  
 (21) 2022900309                   (22) 14.02.2022  
 (54) REGULATION OF GENE EXPRESSION

(71) The University of Melbourne  
 (21) 2022900288                   (22) 11.02.2022  
 (54) Coronavirus vaccination regimen

(71) University, M.  
 (21) 2022900273                   (22) 10.02.2022  
 (54) Methods for fault location in electrical power line systems

(71) VIBFEM PTY LTD  
 (21) 2022900254                   (22) 08.02.2022  
 (54) IMPROVED METHOD OF INCREASING SCREENING EFFICIENCY OF MATERIAL ON LOWER DECKS OF VIBRATING AND STATIC SCREEN

(71) VitalTrace Pty Ltd  
 (21) 2022900307                   (22) 14.02.2022  
 (54) Device for Processing Signals Indicative of Health

(71) Wildfire Energy Pty Ltd  
 (21) 2022900268                   (22) 09.02.2022  
 (54) METHOD AND SYSTEM FOR PRODUCING SYNGAS FROM CARBONACEOUS MATERIALS

(71) WiseTech Global Limited  
 (21) 2022900286                   (22) 11.02.2022  
 (54) Vessel movement prediction

(71) wood, r.  
 (21) 2022900267                   (22) 09.02.2022  
 (54) A METHOD OF CHARGING ELECTRIC VEHICLES.

**Wuhan Botanical Garden see The New Zealand Institute for Plant and Food Research Limited**  
 (21) 2022900309

**Xie, X. see The New Zealand Institute for Plant and Food Research Limited**  
 (21) 2022900309

**Zhong, C. see The New Zealand Institute for Plant and Food Research Limited**  
 (21) 2022900309

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<b>2021903530</b>	Cozanitis, M.	<b>2022900312</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2022900223</b>	Berkshire Renewable Energy Pty Ltd	<b>2022900313</b>	Mapika, E.
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<b>2022900271</b>	Matthews, N.		
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<b>2022900287</b>	Sten, M.		
<b>2022900288</b>	The University of Melbourne		
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<b>2022900299</b>	Molectra Rubber Tech Ltd; DOBOZY, J.		
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<b>2022900307</b>	VitalTrace Pty Ltd		
<b>2022900308</b>	Gatt, B.		
<b>2022900309</b>	The New Zealand Institute for Plant and Food Research Limited; Wuhan Botanical Garden; Li, D.; Liu, X.; Zhong, C.; Xie, X.; Bulley, S.		
<b>2022900310</b>	BOVIN, N.; HENRY, S.		
<b>2022900311</b>	OZKOR Pty. Ltd.		

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Applications listed below were processed through the Patent Office Canberra during the period ending 8 Feb 2022 .

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

(71) 10X Genomics, Inc. (21) 2022200718 (22) 03.02.2022 (54) MICROCAPSULE COMPOSITIONS AND METHODS (62) 2020203602	(71) Allergan, Inc. (21) 2022200742 (22) 04.02.2022 (54) Prostamide-containing intraocular implants and methods of use thereof (62) 2020201778	(54) User interface for payments (62) 2020289822
(71) 2840629 ONTARIO INC. (21) 2022200842 (22) 09.02.2022 (54) Organizer wall panel assembly (31) 17/173,603 (32) 11.02.21 (33) US	(71) Amazentis SA (21) 2022200876 (22) 10.02.2022 (54) Enhancing autophagy or increasing longevity by administration of urolithins or precursors thereof (62) 2020200420	(71) Apple Inc. (21) 2022200901 (22) 11.02.2022 (54) Methods and interfaces for home media control (62) 2021204454
(71) Acerta Pharma B.V. (21) 2022200828 (22) 09.02.2022 (54) PROCESSES FOR THE PREPARATION OF 4-{8-AMINO-3-[(2S)-1-(BUT-2-YNOYL)-PYRROLIDIN-2-YL]IMIDAZO[1,5-A]-PYRAZIN-1-YL}N-(PYRIDIN-2-YL)-BENZAMIDE (62) 2019332882	(71) Ambe Foods Pty Ltd (21) 2022200923 (22) 11.02.2022 (54) ACID SET SOFT CHEESE	(71) Arbutus Biopharma Corporation (21) 2022200873 (22) 10.02.2022 (54) Methods of delivering oligonucleotides to immune cells (62) 2019250141
(71) Acres Technology (21) 2022200798 (22) 07.02.2022 (54) Gaming Device Having Variable Speed of Play (62) 2019283983	(71) Angel Group Co., Ltd. (21) 2022200897 (22) 10.02.2022 (54) TABLE GAME MANAGEMENT SYSTEM AND GAME TOKEN (62) 2020205219	(71) Arc Medical Devices Inc. (21) 2022200771 (22) 04.02.2022 (54) HIGH-MOLECULAR-WEIGHT FUCANS FOR TREATING FIBROUS ADHESIONS AND OTHER DISEASES AND CONDITIONS (62) 2019311591
(71) Acuitas Therapeutics Inc. (21) 2022200794 (22) 07.02.2022 (54) Novel lipids and lipid nanoparticle formulations for delivery of nucleic acids (62) 2020204111	(71) Angel Group Co., Ltd. (21) 2022200898 (22) 10.02.2022 (54) TABLE GAME SYSTEM (62) 2019279960	(71) Ariad Pharmaceuticals, Inc. (21) 2022200741 (22) 04.02.2022 (54) Aminothiazole compounds as c-Kit inhibitors (62) 2017376624
(71) Adama Agan Ltd. (21) 2022200720 (22) 03.02.2022 (54) Process for preparing methoxy methyl pyridine dicarboxylate (62) 2017359604	(71) Apex Industrial Technologies LLC (21) 2022200767 (22) 04.02.2022 (54) MOTORIZED DOOR ASSEMBLY WITH SAFETY FEATURES FOR HEATED CABINET (62) 2018270923	(71) Aristocrat Technologies Australia Pty Limited (21) 2022200805 (22) 08.02.2022 (54) A GAMING MACHINE (62) 2019279999
(71) AFL Telecommunications LLC; Fujikura Ltd. (21) 2022200762 (22) 04.02.2022 (54) Round and small diameter optical cables with a ribbon-like optical fiber structure (62) 2020203524	(71) Apple Inc. (21) 2022200714 (22) 03.02.2022 (54) Personal domain for a virtual assistant system on a communal device (62) 2018351962	(71) Aristocrat Technologies Australia Pty Limited (21) 2022200917 (22) 11.02.2022 (54) A Gaming System and a Method of Gaming (62) 2019240703
(71) AgaMatrix, Inc. (21) 2022200894 (22) 10.02.2022 (54) ANALYTE DETECTION METER AND ASSOCIATED METHOD OF USE (62) 2020202286	(71) Apple Inc. (21) 2022200758 (22) 04.02.2022 (54) Systems and methods for proactively identifying and surfacing relevant content on a touch-sensitive device (62) 2020203371	(71) Arrowhead Pharmaceuticals, Inc. (21) 2022200865 (22) 10.02.2022 (54) Compositions and methods for inhibiting gene expression of Hif2alpha (62) 2016270593
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 (21) 2022200725 (22) 03.02.2022  
 (54) Amplification with primers of limited nucleotide composition  
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 (21) 2022200909 (22) 11.02.2022  
 (54) Systems and methods for detecting a distance between a conducted electrical weapon and a target  
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 (54) Systems and methods for a deployment unit for a conducted electrical weapon  
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- (71) B&L Biotech, Inc.; Lee, I.W.  
 (21) 2022200887 (22) 10.02.2022  
 (54) Digital measurement apparatus and digital measurement method using the same  
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 (21) 2022200870 (22) 10.02.2022  
 (54) Materials and methods for increasing the tocopherol content in seed oil  
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 (54) Mixtures and compositions comprising paenibacillus strains or fusaricidins and chemical pesticides  
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- (71) Beijing Tufen Zhitu Technology Co., Ltd.  
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 (54) Data transmission apparatus and data transmission systems  
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- (71) Biocompatibles UK Limited  
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 (54) Cryoablation system with magnetic resonance imaging detection  
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 (54) Use of sublingual Dexmedetomidine for the treatment of agitation  
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 (21) 2022200908 (22) 11.02.2022  
 (54) Surface cleaning apparatus  
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- (71) BLACKPOWDER PRODUCTS, INC.  
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 (54) Ultrasound-guided optoacoustic monitoring of oxygen saturation  
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 (54) Multiple pump system for inflatable penile prosthesis  
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- (71) Boyle, N.  
 (21) 2022200806 (22) 08.02.2022  
 (54) Oyster farming apparatus and methods  
 (62) 2016368691
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- (71) Bridge Design & Construct Pty Ltd  
 (21) 2022200763 (22) 04.02.2022  
 (54) COMPACTOR AND ROLLER DRUM THEREFORE  
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- (71) Bridges, A.  
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- (71) CACI, INC. - Federal  
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 (54) DEPLOYABLE RADIO UNITS  
 (62) 2019339315
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- (71) Caribou Biosciences, Inc.  
 (21) 2022200903 (22) 11.02.2022  
 (54) Engineered cascade components and cascade complexes  
 (62) 2019284926
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- (71) Caris MPI, Inc.  
 (21) 2022200781 (22) 07.02.2022  
 (54) MOLECULAR PROFILING FOR CANCER  
 (62) 2019250106
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- (71) Cellaprotectics Bio  
 (21) 2022200831 (22) 09.02.2022  
 (54) Novel glia-like cells differentiated from somatic cells, preparation method therefor, cocktail composition for preparing same, cell therapeutic agent for preventing or treating neurological disorders, comprising same, and method for preventing and treating neurological disorders by administering same  
 (62) 2019418187
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- (71) Clause, Inc.  
 (21) 2022200877 (22) 10.02.2022  
 (54) System and method for creating and executing data-driven legal contracts  
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- (71) Clever Power Pty Ltd  
 (21) 2022200915 (22) 11.02.2022  
 (54) Gasification process  
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- (71) Cortexyme, Inc.  
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 (54) Ketone inhibitors of lysine gingipain  
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- (71) CREO MEDICAL LIMITED  
 (21) 2022200737 (22) 04.02.2022  
 (54) ELECTROSURGICAL SNARE  
 (62) 2020204545
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- (71) CRICUT, INC.  
 (21) 2022200753 (22) 04.02.2022  
 (54) Heat Press  
 (62) 2018309004
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- (71) Deere & Company  
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(54) Row unit plugging detection and control system (31) 17/194,736	(32) 08.03.21 (33) US	(54) METHODS AND APPARATUS FOR AN EMBEDDED APPLIANCE (62) 2019275623	(54) A METHOD FOR THE TREATMENT OF COVID-19 INFECTIONS WITH PALMITOYLETHANOLAMIDE (31) 17/213,856
(71) Deere & Company (21) 2022200734	(22) 04.02.2022	(71) Edser, S. (21) 2021277775	(22) 05.10.2021
(54) System and method for selective derating of self-propelled work vehicle parameters based on operating modes (31) 17/195,877	(32) 09.03.21 (33) US	(54) Live Earth Circuit Breaker (LE-CB); Open Neutral Circuit Breaker (ON-CB); External Earth Fault Circuit Breaker (EEF-CB); Broken PEN Circuit Breaker (B-PEN-CB); Live Ground Fault Circuit Interruptor (LGF-CI) (31) 2020903613	(32) 06.10.20 (33) AU
(71) Deere & Company (21) 2022200735	(22) 04.02.2022	(71) Electronic Caregiver, Inc. (21) 2022200830	(22) 09.02.2022
(54) Operator commanded placement for control of filling mechanisms (31) 17/196,023	(32) 09.03.21 (33) US	(54) CONSUMER APPLICATION FOR MOBILE ASSESSMENT OF FUNCTIONAL CAPACITY AND FALLS RISK (31) 17/564,029	(32) 28.12.21 (33) US
(71) Deere & Company (21) 2022200783	(22) 07.02.2022	(62) 2019240484	
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(71) Deere & Company (21) 2022200786	(22) 07.02.2022	(54) Connected Kiosk for Real-Time Assessment of Falls Risk (62) 2018409860	
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(71) De La Rue International Limited (21) 2022200816	(22) 08.02.2022	(54) WEARABLE MEDICAL DEVICE WITH DISPOSABLE AND REUSABLE COMPONENTS (62) 2019357613	
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(71) DePuy Synthes Products, LLC (21) 2022200883	(22) 10.02.2022	(54) VIAL TRANSFER AND INJECTION APPARATUS AND METHOD (62) 2020202709	
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(71) Dexcom, Inc. (21) 2022200905	(22) 11.02.2022	(54) Immunogenic compounds for cancer therapy (62) 2017339577	
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		(54) Bispecific antibodies against CD3 and CD20 (62) 2016205967	
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		(54) Antibody variants and uses thereof (62) 2019283809	

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 (21) 2022200861 (22) 10.02.2022  
 (54) Method of producing and processing diamines  
 (62) 2020203901

(71) Gilead Sciences, Inc.  
 (21) 2022200792 (22) 07.02.2022  
 (54) Modulators of toll-like receptors for the treatment of HIV  
 (62) 2019279900

(71) Glanbia Ireland Designated Activity Company  
 (21) 2022200925 (22) 11.02.2022  
 (54) A METHOD FOR PRODUCING LACTIC ACID BY BACTERIAL FERMENTATION  
 (62) 2016347542

(71) GL COMPANY Co., Ltd.  
 (21) 2022200875 (22) 10.02.2022  
 (54) MICRONEEDLE ASSEMBLY  
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(71) Google LLC  
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 (54) Resource allocation for computer processing  
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(71) Great Plains Manufacturing, Inc.  
 (21) 2022200729 (22) 04.02.2022  
 (54) Compact Utility Loader  
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 (54) Compact Utility Loader  
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 (54) Compact Utility Loader  
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 (21) 2022200838 (22) 09.02.2022  
 (54) Inhibitors of ACK1/TNK2 tyrosine kinase  
 (62) 2016301212

(71) Hamiltonian Holdings Pty Ltd  
 (21) 2022200712 (22) 03.02.2022  
 (54) IMPROVED TACTILE GROUND SURFACE INDICATOR  
 (31) 2021900333 (32) 11.02.21 (33) AU

(71) HAN, D.  
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 (54) PETREL/ACANTHASTER PLANCI HYDROLYSATE, WATER-SOLUBLE FERTILIZER AND PREPARATION METHOD THEREOF  
 (31) 202111631389.6 (32) 29.12.21 (33) CN

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 (21) 2022200926 (22) 11.02.2022  
 (54) A SEALING INSERT FOR A WATER SUPPLY ASSEMBLY  
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 (21) 2022200726 (22) 03.02.2022  
 (54) Distributed Ledger Computing Platforms and Associated Methods, Systems and Devices  
 (62) 2020219946

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 (21) 2022200727 (22) 03.02.2022  
 (54) Distributed ledger systems, methods and devices  
 (62) 2019378253

(71) Hubbell Incorporated  
 (21) 2022200748 (22) 04.02.2022  
 (54) Clamp and clamp assembly  
 (62) 2016279130

(71) Immatics Biotechnologies GmbH  
 (21) 2022200616 (22) 31.01.2022  
 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST CLL AND OTHER CANCERS  
 (62) 2020281108

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 (21) 2022200745 (22) 04.02.2022  
 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST EPITHELIAL OVARIAN CANCER AND OTHER CANCERS  
 (62) 2020203971

(71) Implantica Patent Ltd  
 (21) 2022200752 (22) 04.02.2022  
 (54) Hip Joint Device  
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 (54) Hip Joint Device and Method  
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(71) Ionian Technologies, LLC  
 (21) 2022200787 (22) 07.02.2022  
 (54) Nucleic acid amplifications  
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(71) iRhythm Technologies, Inc.  
 (21) 2022200804 (22) 08.02.2022  
 (54) Wireless physiological monitoring device and systems  
 (62) 2020213276

(71) Jay-Lor International Inc.  
 (21) 2022200814 (22) 08.02.2022  
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(71) K.J. Manufacturing Co.  
 (21) 2022200849 (22) 09.02.2022  
 (54) Method and device for coolant recycling  
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(71) Kabushiki Kaisha Toyota Jidoshokki  
 (21) 2022200822 (22) 08.02.2022  
 (54) Braking control device of industrial vehicle  
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(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI  
 (21) 2022200817 (22) 08.02.2022  
 (54) Industrial vehicle  
 (31) 2021-029374 (32) 26.02.21 (33) JP

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI  
 (21) 2022200864 (22) 10.02.2022  
 (54) Cooling system and method for controlling cooling system  
 (31) 2021-025211 (32) 19.02.21 (33) JP

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(71) KOKIDO DEVELOPMENT LIMITED (21) 2022200823      (22) 08.02.2022 (54) CARTRIDGE FILTRATION SYSTEM CONTAINED IN A FLEXIBLE BAG AND VACUUM CLEANER EQUIPPED WITH SUCH A SYSTEM (31) 21156656.7      (32) 11.02.21 (33) EP	(71) LG Electronics Inc. (21) 2022200857      (22) 10.02.2022 (54) Refrigerator (62) 2020200127	(71) MAKO Surgical Corp. (21) 2022200731      (22) 04.02.2022 (54) Navigation systems and methods for reducing tracking interruptions during a surgical procedure (62) 2020204207
(71) Korpetutuncu, H. (21) 2022200868      (22) 10.02.2022 (54) PROCESS FOR DEMOCRATISING BUSINESS DONATION GIVING, BY GIVING THE POWER OF CHOICE TO THEIR CUSTOMERS	(71) LG ELECTRONICS INC. (21) 2022200913      (22) 11.02.2022 (54) Refrigerator and method of controlling the same (62) 2018295870	(71) Massachusetts Institute of Technology; Sanofi (21) 2022200770      (22) 04.02.2022 (54) SMALL VOLUME BIOREACTORS WITH SUBSTANTIALLY CONSTANT WORKING VOLUMES AND ASSOCIATED SYSTEMS AND METHODS (62) 2020201975
(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude (21) 2022200779      (22) 07.02.2022 (54) MANAGEMENT OF THE DISTRIBUTION OF GAS CYLINDERS IN A HOSPITAL FACILITY (31) 2101576      (32) 18.02.21 (33) FR	(71) Lubris LLC; Rhode Island Hospital (21) 2022200812      (22) 08.02.2022 (54) Use of PRG4 as an anti-inflammatory agent (62) 2016211694	(71) MasterCard International Incorporated (21) 2022200756      (22) 04.02.2022 (54) Systems and methods for verifying users, in connection with transactions using payment devices (62) 2019279926
(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude (21) 2022200780      (22) 07.02.2022 (54) CONTAINER FOR PRESSURIZED FLUID WITH ELECTRONIC DEVICE FOR CALCULATING AND UPDATED DISPLAYING OF REMAINING FLUID (31) 2102188      (32) 08.03.21 (33) FR	(71) Lzlabs GmbH (21) 2022200853      (22) 09.02.2022 (54) CONTAINERIZED DEPLOYMENT OF MICROSERVICES BASED ON MONOLITHIC LEGACY APPLICATIONS (62) 2017411068	(71) MeMed Diagnostics Ltd. (21) 2022200802      (22) 07.02.2022 (54) Computational Analysis of Biological Data Using Manifold and a Hyperplane (62) 2015302870
(71) Landis+Gyr Innovations, Inc. (21) 2022200840      (22) 09.02.2022 (54) Dynamically distributing processing among nodes in a wireless mesh network (62) 2018421443	(71) M. Technique Co., Ltd. (21) 2022200859      (22) 10.02.2022 (54) Method for producing oxide particles with controlled color characteristics (62) 2017273976	(71) Memorial Sloan Kettering Cancer Center (21) 2022200931      (22) 11.02.2022 (54) Anti-MUC16 antibodies and uses thereof (62) 2016233309
(71) LAVA Therapeutics N.V. (21) 2022200922      (22) 11.02.2022 (54) Single domain antibodies targeting CD1d (62) 2016212777	(71) Magic Leap, Inc. (21) 2022200717      (22) 03.02.2022 (54) Display system having a plurality of light pipes for a plurality of light emitters (62) 2017224107	(71) Meyers, A. (21) 2022200728      (22) 03.02.2022 (54) Nasal spray formula for the prevention of contracting COVID19 and DELTA and Omnicom.
Lee, I.W. see B&L Biotech, Inc. (21) 2022200887	(71) Magic Leap, Inc. (21) 2022200824      (22) 08.02.2022 (54) Secure exchange of cryptographically signed records (62) 2017302345	(71) Mitsubishi Electric Corporation (21) 2022200749      (22) 04.02.2022 (54) Centrifugal blower, blowing device, air conditioner, and refrigeration cycle device (62) 2018354693
(71) Leonardo UK Ltd (21) 2022200906      (22) 11.02.2022 (54) A laser (62) 2019232250	(71) Magic Leap, Inc. (21) 2022200841      (22) 09.02.2022 (54) Mixed reality system with multi-source virtual content compositing and method of generating virtual content using same (62) 2018233733	(71) Mitsubishi Electric Corporation (21) 2022200751      (22) 04.02.2022 (54) Centrifugal blower, blowing device, air conditioner, and refrigeration cycle device (62) 2018354693
(71) Lewis, M. (21) 2022200839      (22) 09.02.2022 (54) SAFETY CORRIDOR ARRANGEMENT (62) 2021200002	(71) Magnolia Medical Technologies, Inc. (21) 2022200818      (22) 08.02.2022 (54) FLUID DIVERSION MECHANISM FOR BODILY-FLUID SAMPLING (62) 2020213415	(71) Moffatt, B.; Sheldon-Coulson, G. (21) 2022200880      (22) 10.02.2022 (54) Wave energy device with constricted tube and generator pod (62) 2017316567

## Complete Applications Filed - Name Index cont'd

- (71) NAVICO HOLDINGS AS  
 (21) 2022200921 (22) 11.02.2022  
 (54) SONAR BEAM ZONE PRESENTATION
- 
- (71) NAVICO HOLDINGS AS  
 (21) 2022200934 (22) 11.02.2022  
 (54) SONAR BEAM FOOTPRINT PRESENTATION  
 (31) 17/179,460 (32) 19.02.21 (33) US
- 
- (71) Nemaska Lithium Inc.  
 (21) 2022200858 (22) 10.02.2022  
 (54) PROCESSES FOR PREPARING LITHIUM HYDROXIDE  
 (62) 2019283916
- 
- (71) Next Science IP Holdings Pty Ltd  
 (21) 2022200778 (22) 06.02.2022  
 (54) High osmolarity antimicrobial composition containing one or more organic solvents  
 (62) 2019280020
- 
- (71) Nien Made Enterprise Co., Ltd.  
 (21) 2022200782 (22) 07.02.2022  
 (54) Vertical blind  
 (31) 202110499374.2 (32) 28.04.21 (33) CN
- 
- (71) Nuix North America Inc.  
 (21) 2022200809 (22) 08.02.2022  
 (54) Analyzing clusters of coded documents  
 (62) 2017274558
- 
- (71) NUTS HOLDINGS, LLC  
 (21) 2022200795 (22) 07.02.2022  
 (54) ENCRYPTED USERDATA TRANSIT AND STORAGE  
 (62) 2017325928
- 
- (71) Ocado Innovation Limited  
 (21) 2022200721 (22) 03.02.2022  
 (54) Wireless communication system with detectors for extraneous received signals  
 (62) 2017390945
- 
- (71) Ocado Innovation Limited  
 (21) 2022200888 (22) 10.02.2022  
 (54) Storage containers, bins and devices  
 (62) 2016354627
- 
- (71) Owens-Brockway Glass Container Inc.  
 (21) 2022200912 (22) 11.02.2022  
 (54) Container with abrasion resistant rim  
 (62) 2016386856
- 
- (71) Pakd Outback Pty Ltd  
 (21) 2022200754 (22) 04.02.2022  
 (54) Kitchen arrangement
- 
- (71) Parasol Medical LLC  
 (21) 2022200833 (22) 09.02.2022  
 (54) Portable pump for negative pressure wound therapy  
 (62) 2017260507
- 
- (71) Pentair Water Pool and Spa, Inc.  
 (21) 2022200886 (22) 10.02.2022  
 (54) Pool filtration system and method  
 (31) 63/200,025 (32) 10.02.21 (33) US
- 
- (71) PONGRASS, R.G.  
 (21) 2022200879 (22) 10.02.2022  
 (54) Multi-head tufting system  
 (62) PCT/AU2021/050237
- 
- Prologium Holding Inc. see Prologium Technology Co., Ltd.**  
 (21) 2022200882
- 
- (71) Prologium Technology Co., Ltd.; Prologium Holding Inc.  
 (21) 2022200882 (22) 10.02.2022  
 (54) Soft Pack Battery Module and its Electricity Supply Thereof  
 (31) 110109697 (32) 18.03.21 (33) TW
- 
- (71) PyroGenesis Canada Inc.  
 (21) 2022200713 (22) 03.02.2022  
 (54) PLASMA HEATED FURNACE FOR IRON ORE PELLET INDURATION  
 (62) 2020200669
- 
- (71) RANDAEMON sp. z o.o.  
 (21) 2022200920 (22) 11.02.2022  
 (54) METHOD AND APPARATUS FOR HIGHLY EFFECTIVE ON-CHIP TRUE RANDOM NUMBER GENERATOR UTILIZING BETA DECAY  
 (31) 17/409,971 (32) 24.02.21 (33) US  
 63/224,811 22.07.21 US  
 63/234,820 19.08.21 US  
 63/235,031 19.08.21 US
- 
- (71) Regeneron Pharmaceuticals, Inc.  
 (21) 2022200784 (22) 07.02.2022  
 (54) NON-HUMAN ANIMAL EXHIBITING DIMINISHED UPPER AND LOWER MOTOR NEURON FUNCTION AND SENSORY PERCEPTION  
 (62) 2016233250
- 
- (71) Regenmed Systems, Inc.  
 (21) 2022200855 (22) 09.02.2022  
 (54) Cannula for tissue disruption  
 (62) 2019216704
- 
- (71) Rehabilitation Institute of Chicago  
 (21) 2022200808 (22) 08.02.2022
- 
- (54) Assessment and management system for rehabilitative conditions and related methods  
 (62) 2018342443
- 
- (71) Reid, G.  
 (21) 2022200715 (22) 03.02.2022  
 (54) CHILDREN'S EXERCISE AND ACTIVITY APPARATUS  
 (31) 2021900269 (32) 05.02.21 (33) AU
- 
- (71) Research Institute at Nationwide Children's Hospital  
 (21) 2022200929 (22) 11.02.2022  
 (54) Methods And Materials For Producing Recombinant Viruses In Eukaryotic Microalgae  
 (62) 2015342997
- 
- (71) Research Institute at Nationwide Children's Hospital; The University of Western Australia  
 (21) 2022200936 (22) 11.02.2022  
 (54) Methods And Materials For Activating An Internal Ribosome Entry Site In Exon 5 Of The DMD Gene  
 (62) 2015301978
- 
- (71) Rewards4Earth Pty Ltd  
 (21) 2022200902 (22) 11.02.2022  
 (54) An Automated Loyalty Point Generation System  
 (31) 2021900352 (32) 12.02.21 (33) AU
- 
- Rhode Island Hospital see Lubris LLC**  
 (21) 2022200812
- 
- (71) Sage Therapeutics, Inc.  
 (21) 2022200810 (22) 08.02.2022  
 (54) Oxysterols and methods of use thereof  
 (62) 2017345399
- 
- (71) Sage Therapeutics, Inc.  
 (21) 2022200811 (22) 08.02.2022  
 (54) A crystalline 19-nor C3, 3-disubstituted C21-N-pyrazolyl steroid  
 (62) 2017315682
- 
- (71) Sage Therapeutics, Inc.  
 (21) 2022200884 (22) 10.02.2022  
 (54) Oxysterols and methods of use thereof  
 (62) 2017345400
- 
- (71) Sangamo Therapeutics, Inc.  
 (21) 2022200835 (22) 09.02.2022  
 (54) Methods And Compositions For Nucleic-Mediated Genome Engineering And Correction In Hematopoietic Stem Cells  
 (62) 2015317793

## Complete Applications Filed - Name Index cont'd

**Sanofi see Massachusetts Institute of Technology**  
**(21)** 2022200770

(71) SAWANT, M.M.  
**(21)** 2022200813      **(22)** 08.02.2022  
**(54)** CRYSTALLINE FORM OF ROSUVASTIN ALLYL ESTER

(71) Schneider Electric Industries SAS  
**(21)** 2022200844      **(22)** 09.02.2022  
**(54)** DC CIRCUIT BREAKER  
**(31)** 202110181405.X    **(32)** 09.02.21 (33) CN

(71) Schneider Electric Industries SAS  
**(21)** 2022200845      **(22)** 09.02.2022  
**(54)** QUICK CLOSING STRUCTURE SUITABLE FOR DC CIRCUIT BREAKER AND DC CIRCUIT BREAKER  
**(31)** 202120372475.9    **(32)** 09.02.21 (33) CN

(71) Schumacher Electric Corp.  
**(21)** 2022200744      **(22)** 04.02.2022  
**(54)** COMPACT MULTIFUNCTIONAL BATTERY BOOSTER  
**(62)** 2020201589

(71) Sealite Pty Ltd  
**(21)** 2022200724      **(22)** 03.02.2022  
**(54)** Computer-implemented management of aids to navigation  
**(62)** 2020202373

(71) SeedMaster Manufacturing Ltd.  
**(21)** 2022200819      **(22)** 08.02.2022  
**(54)** Articulating air seeder cart with skew correction  
**(31)** 3,110,050      **(32)** 23.02.21 (33) CA

(71) SG Gaming, Inc.  
**(21)** 2022200932      **(22)** 11.02.2022  
**(54)** Gaming systems and methods using determined outcome sequences  
**(31)** 63/154,154      **(32)** 26.02.21 (33) US  
 17/541,334              03.12.21      US

**Sheldon-Coulson, G. see Moffatt, B.**  
**(21)** 2022200880

(71) SHENZHEN YITOAI INTELLIGENT INDUSTRIAL CO.,LTD  
**(21)** 2022200895      **(22)** 10.02.2022  
**(54)** MULTI-CHANNEL CONSTANT CURRENT CIRCUIT AND LIGHTING DEVICE  
**(31)** 202123107086.2    **(32)** 10.12.21 (33) CN

(71) Sigma-Aldrich Co. LLC  
**(21)** 2022200851      **(22)** 09.02.2022

(54) Using nucleosome interacting protein domains to enhance targeted genome modification  
**(62)** 2021245148

(71) Snap-on Incorporated  
**(21)** 2022200768      **(22)** 04.02.2022  
**(54)** Axial pliers  
**(62)** 2019257518

(71) Snap-on Incorporated  
**(21)** 2022200788      **(22)** 07.02.2022  
**(54)** Dead blow slide hammer  
**(31)** 17/179,164      **(32)** 18.02.21 (33) US

(71) Snap-on Incorporated  
**(21)** 2022200790      **(22)** 07.02.2022  
**(54)** DOUBLE REDUCTION GEAR TRAIN  
**(62)** 2020260376

(71) Société des Produits Nestlé S.A.  
**(21)** 2022200793      **(22)** 07.02.2022  
**(54)** Device for preparing a beverage by centrifugation comprising a valve in the beverage draining means  
**(62)** 2016341389

(71) Source Digital, Inc.  
**(21)** 2022200820      **(22)** 08.02.2022  
**(54)** Media environment driven content distribution platform  
**(62)** 2017248397

(71) Source Digital, Inc.  
**(21)** 2022200821      **(22)** 08.02.2022  
**(54)** Synchronizing ancillary data to content including audio  
**(62)** 2017247046

(71) SP Press IP Pty Ltd  
**(21)** 2022200773      **(22)** 04.02.2022  
**(54)** A BALE PRESS  
**(62)** 2019227081

(71) Stoller Enterprises, Inc.  
**(21)** 2022200682      **(22)** 02.02.2022  
**(54)** Non-aqueous solution of plant growth regulator(s) and polar and/or semi-polar organic solvent(s)  
**(62)** 2020202766

(71) Takeda Pharmaceutical Company Limited  
**(21)** 2022200837      **(22)** 09.02.2022  
**(54)** GIP receptor activating peptide  
**(62)** 2018246553

(71) Techtronic Cordless GP  
**(21)** 2022200757      **(22)** 04.02.2022  
**(54)** Handle assembly for a power tool  
**(31)** 17/174,954      **(32)** 12.02.21 (33) US

(71) TELEFLEX LIFE SCIENCES LIMITED  
**(21)** 2022200867      **(22)** 10.02.2022  
**(54)** INTRAOSSSEOUS ACCESS DEVICE AND METHOD TO ACCESS BONE MARROW  
**(62)** 2019264954

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)  
**(21)** 2022200827      **(22)** 08.02.2022  
**(54)** METHOD FOR CAPTURING HAPTIC CONTENT IN MULTIPLE COMMUNICATION DEVICES  
**(62)** 2017443257

(71) Terra Quantum AG  
**(21)** 2022200893      **(22)** 10.02.2022  
**(54)** TERAHERTZ FERROELECTRIC RESONATOR  
**(31)** 21160551.4      **(32)** 03.03.21 (33) EP

(71) The Cawthon Institute Trust Board  
**(21)** 2022200815      **(22)** 08.02.2022  
**(54)** IMPROVED METHOD OF PRODUCING OYSTERS  
**(62)** 2021201595

(71) The Governors of The University of Alberta  
**(21)** 2022200747      **(22)** 04.02.2022  
**(54)** E1E2 HCV vaccines and methods of use  
**(62)** 2020200216

(71) The NOCO Company  
**(21)** 2022200746      **(22)** 04.02.2022  
**(54)** Portable vehicle battery jump start apparatus with safety protection  
**(62)** 2020201222

(71) The NOCO Company  
**(21)** 2022200916      **(22)** 11.02.2022  
**(54)** A rechargeable jump starting device having a highly electrically conductive cable connecting device  
**(62)** 2018326243

(71) The Regents of the University of California  
**(21)** 2022200881      **(22)** 10.02.2022  
**(54)** MESOPOROUS SILICA NANOPARTICLES WITH LIPID BILAYER COATING FOR CARGO DELIVERY  
**(62)** 2017206077

(71) The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)  
**(21)** 2022200755      **(22)** 04.02.2022

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(54) Regulation of feed efficiency and methane production in ruminating animals (62) 2016404864	to Applications within an Enterprise Environment (31) 17/170,320      (32) 08.02.21 (33) US	(54) Systems and methods of direct bank transfer (62) 2020202025
(71) The Trustees of the University of Pennsylvania (21) 2022200774      (22) 04.02.2022 (54) COMPOUNDS, COMPOSITIONS AND METHODS FOR PREVENTION AND/ OR TREATMENT OF CANCER (62) 2017286128	(71) VBreathe Pty Ltd (21) 2022200750      (22) 04.02.2022 (54) Apparatus and system for air cleaning (62) 2017383090	(71) Xertified AB (21) 2022200826      (22) 08.02.2022 (54) A Proxy And A Communication System Comprising Said Proxy (31) 21156980.1      (32) 12.02.21 (33) EP
The University of Western Australia see Research Institute at Nationwide Children's Hospital (21) 2022200936	(71) VELANO VASCULAR, INC. (21) 2022200862      (22) 10.02.2022 (54) SYSTEMS AND METHODS FOR PHLEBOTOMY THROUGH A PERIPHERAL IV CATHETER (62) 2020205226	(71) Yamada, K. (21) 2022200799      (22) 07.02.2022 (54) Paper Cover And Method For Manufacturing Paper Cover (62) 2019379339
(71) Think Surgical, Inc. (21) 2022200866      (22) 10.02.2022 (54) Active robotic pin placement (62) 2016359274	(71) VIDEO GAMING TECHNOLOGIES, INC. (21) 2022200765      (22) 04.02.2022 (54) A GAMING MACHINE (62) 2019279978	(71) Yodlee, Inc. (21) 2022200878      (22) 10.02.2022 (54) Financial account authentication (62) 2019271975
(71) Thursday Pools (21) 2022200854      (22) 09.02.2022 (54) Geotextile sheeting stabilized fiberglass swimming pool body (62) 2019210568	(71) Vorwerk & Co. Interholding GmbH (21) 2022200904      (22) 11.02.2022 (54) SYSTEM AND METHOD FOR ADJUSTING THE DEPTH OF PARALLELIZATION FOR RECIPE PROGRAM EXECUTION (31) 21162909      (32) 16.03.21 (33) EP	(71) Zebra Technologies Corporation (21) 2022200911      (22) 11.02.2022 (54) Methods and apparatuses to indicate off-platter weigh conditions (31) 17/218,379      (32) 31.03.21 (33) US
(71) Toyota Boshoku Kabushiki Kaisha (21) 2022200722      (22) 03.02.2022 (54) FITTING STRUCTURE (62) 2018402959	(71) WATSON, K. (21) 2022200766      (22) 04.02.2022 (54) A SWITCH	
(71) TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech SE (21) 2022200863      (22) 10.02.2022 (54) Predicting immunogenicity of T cell epitopes (62) 2019275637	(71) WATSON, C. (21) 2022200800      (22) 07.02.2022 (54) Biodegradable multifunctional fishing lure	
(71) TYCO ELECTRONICS RAYCHEM GmbH (21) 2022200785      (22) 07.02.2022 (54) Method of installing a heat shrink cover, electrical heating system, and installation system (31) 21155890.3      (32) 09.02.21 (33) EP	(71) West Affum Holdings Corp. (21) 2022200910      (22) 11.02.2022 (54) WEARABLE CARDIOVERTER DEFIBRILLATOR (WCD) WITH ARTIFICIAL INTELLIGENCE FEATURES (31) 63/149,050      (32) 12.02.21 (33) US	
(71) Ultraguard Security Pty Ltd (21) 2022200772      (22) 04.02.2022 (54) Improvements in or in relation to screens (62) 2021201531	(71) Westinghouse Air Brake Technologies Corporation (21) 2022200803      (22) 08.02.2022 (54) VEHICLE LOCATION AND CONTROL SYSTEM (31) 17/180,078      (32) 19.02.21 (33) US	
(71) vArmour Networks, Inc. (21) 2022200807      (22) 08.02.2022 (54) Systems and Methods for Understanding Identity and Organizational Access	(71) Wright Medical Technology, Inc. (21) 2022200860      (22) 10.02.2022 (54) Knotless syndesmosis system (62) 2019246845	
	(71) Xero Limited (21) 2022200775      (22) 04.02.2022	

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2021277775	Edser, S.	2022200778	Next Science IP Holdings Pty Ltd
2022200616	Immatics Biotechnologies GmbH	2022200779	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
2022200682	Stoller Enterprises, Inc.	2022200780	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
2022200712	Hamiltonian Holdings Pty Ltd	2022200781	Caris MPI, Inc.
2022200713	PyroGenesis Canada Inc.	2022200782	Nien Made Enterprise Co., Ltd.
2022200714	Apple Inc.	2022200783	Deere & Company
2022200715	Reid, G.	2022200784	Regeneron Pharmaceuticals, Inc.
2022200716	Google LLC	2022200785	TYCO ELECTRONICS RAYCHEM GmbH
2022200717	Magic Leap, Inc.	2022200786	Deere & Company
2022200718	10X Genomics, Inc.	2022200787	Ionian Technologies, LLC
2022200719	Binary Beer Pty Ltd	2022200788	Snap-on Incorporated
2022200720	Adama Agan Ltd.	2022200789	Epitech Group S.p.A.
2022200721	Ocado Innovation Limited	2022200790	Snap-on Incorporated
2022200722	Toyota Boshoku Kabushiki Kaisha	2022200792	Gilead Sciences, Inc.
2022200723	EXOLAUNCH GMBH	2022200793	Société des Produits Nestlé S.A.
2022200724	Sealite Pty Ltd	2022200794	Acuitas Therapeutics Inc.
2022200725	Atila Biosystems Incorporated	2022200795	NUTS HOLDINGS, LLC
2022200726	Higgins, C.	2022200798	Acres Technology
2022200727	Higgins, C.	2022200799	Yamada, K.
2022200728	Meyers, A.	2022200800	WATSON, C.
2022200729	Great Plains Manufacturing, Inc.	2022200801	HAN, D.
2022200731	MAKO Surgical Corp.	2022200802	MeMed Diagnostics Ltd.
2022200732	Deere & Company	2022200803	Westinghouse Air Brake Technologies Corporation
2022200733	Great Plains Manufacturing, Inc.	2022200804	iRhythm Technologies, Inc.
2022200734	Deere & Company	2022200805	Aristocrat Technologies Australia Pty Limited
2022200735	Deere & Company	2022200806	Boyle, N.
2022200736	Great Plains Manufacturing, Inc.	2022200807	vArmour Networks, Inc.
2022200737	CREO MEDICAL LIMITED	2022200808	Rehabilitation Institute of Chicago
2022200738	Bridges, A.	2022200809	Nuix North America Inc.
2022200740	Great Plains Manufacturing, Inc.	2022200810	Sage Therapeutics, Inc.
2022200741	Ariad Pharmaceuticals, Inc.	2022200811	Sage Therapeutics, Inc.
2022200742	Allergan, Inc.	2022200812	Lubris LLC; Rhode Island Hospital
2022200743	Great Plains Manufacturing, Inc.	2022200813	SAWANT, M.M.
2022200744	Schumacher Electric Corp.	2022200814	Jay-Lor International Inc.
2022200745	Immatics Biotechnologies GmbH	2022200815	The Cawthon Institute Trust Board
2022200746	The NOCO Company	2022200816	De La Rue International Limited
2022200747	The Governors of The University of Alberta	2022200817	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2022200748	Hubbell Incorporated	2022200818	Magnolia Medical Technologies, Inc.
2022200749	Mitsubishi Electric Corporation	2022200819	SeedMaster Manufacturing Ltd.
2022200750	VBreathe Pty Ltd	2022200820	Source Digital, Inc.
2022200751	Mitsubishi Electric Corporation	2022200821	Source Digital, Inc.
2022200752	Implantica Patent Ltd	2022200822	Kabushiki Kaisha Toyota Jidoshokki
2022200753	CRICUT, INC.	2022200823	KOKIDO DEVELOPMENT LIMITED
2022200754	Pakd Outback Pty Ltd	2022200824	Magic Leap, Inc.
2022200755	The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)	2022200825	Fine, K.D.
2022200756	MasterCard International Incorporated	2022200826	Xertified AB
2022200757	Techtronic Cordless GP	2022200827	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2022200758	Apple Inc.	2022200828	Acerta Pharma B.V.
2022200759	ASI Electrics Pty Ltd	2022200830	Electronic Caregiver, Inc.
2022200760	EXEL Industries	2022200831	Cellaprotectics Bio
2022200761	Gaprie Limited	2022200833	Parasol Medical LLC
2022200762	AFL Telecommunications LLC; Fujikura Ltd.	2022200834	BLACKPOWDER PRODUCTS, INC.
2022200763	Bridge Design & Construct Pty Ltd	2022200835	Sangamo Therapeutics, Inc.
2022200764	Biocompatibles UK Limited	2022200836	Electronic Caregiver, Inc.
2022200765	VIDEO GAMING TECHNOLOGIES, INC.	2022200837	Takeda Pharmaceutical Company Limited
2022200766	WATSON, K.	2022200838	H. Lee Moffitt Cancer Center and Research Institute, Inc.
2022200767	Apex Industrial Technologies LLC	2022200839	Lewis, M.
2022200768	Snap-on Incorporated	2022200840	Landis+Gyr Innovations, Inc.
2022200769	Fujikura Ltd.	2022200841	Magic Leap, Inc.
2022200770	Massachusetts Institute of Technology; Sanofi	2022200842	2840629 ONTARIO INC.
2022200771	Arc Medical Devices Inc.	2022200843	LIFT BioSciences Ltd
2022200772	Ultraguard Security Pty Ltd	2022200844	Schneider Electric Industries SAS
2022200773	SP Press IP Pty Ltd	2022200845	Schneider Electric Industries SAS
2022200774	The Trustees of the University of Pennsylvania	2022200846	Gavrieli Brands, LLC
2022200775	Xero Limited	2022200847	BASF SE
2022200777	Echo 360, Inc.		

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2022200848	ELEMENT SCIENCE, INC.	2022200917	Aristocrat Technologies Australia Pty Limited
2022200849	K.J. Manufacturing Co.	2022200918	Inhibrx, Inc.
2022200850	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2022200919	Athenex HK Innovative Limited
2022200851	Sigma-Aldrich Co. LLC	2022200920	RANDAEMON sp. z o.o.
2022200852	CACI, INC. - Federal	2022200921	NAVICO HOLDINGS AS
2022200853	Lzlabs GmbH	2022200922	LAVA Therapeutics N.V.
2022200854	Thursday Pools	2022200923	Ambe Foods Pty Ltd
2022200855	Regenmed Systems, Inc.	2022200924	Fisher & Paykel Healthcare Limited
2022200856	Enviroplaz International Holdings Limited	2022200925	Glanbia Ireland Designated Activity Company
2022200857	LG Electronics Inc.	2022200926	Harpur, L.
2022200858	Nemaska Lithium Inc.	2022200927	Cortexyme, Inc.
2022200859	M. Technique Co., Ltd.	2022200928	Implantica Patent Ltd
2022200860	Wright Medical Technology, Inc.	2022200929	Research Institute at Nationwide Children's Hospital
2022200861	Genomatica, Inc.	2022200931	Memorial Sloan Kettering Cancer Center
2022200862	VELANO VASCULAR, INC.	2022200932	SG Gaming, Inc.
2022200863	TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz	2022200933	Implantica Patent Ltd
	Gemeinnützige GmbH; BioNTech SE	2022200934	NAVICO HOLDINGS AS
2022200864	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2022200935	Diacarta, Inc.
2022200865	Arrowhead Pharmaceuticals, Inc.	2022200936	Research Institute at Nationwide Children's Hospital; The University of Western Australia
2022200866	Think Surgical, Inc.		
2022200867	TELEFLEX LIFE SCIENCES LIMITED		
2022200868	Korpetutuncu, H.		
2022200869	Genmab B.V.		
2022200870	BASF Plant Science Company GmbH		
2022200871	Genmab A/S		
2022200872	Enterome S.A.		
2022200873	Arbutus Biopharma Corporation		
2022200874	Dolby International AB		
2022200875	GL COMPANY Co., Ltd.		
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2022200877	Clause, Inc.		
2022200878	Yodlee, Inc.		
2022200879	PONGRASS, R.G.		
2022200880	Moffatt, B.; Sheldon-Coulson, G.		
2022200881	The Regents of the University of California		
2022200882	Prologium Technology Co., Ltd.; Prologium Holding Inc.		
2022200883	DePuy Synthes Products, LLC		
2022200884	Sage Therapeutics, Inc.		
2022200885	Boston Scientific Scimed, Inc.		
2022200886	Pentair Water Pool and Spa, Inc.		
2022200887	B&L Biotech, Inc.; Lee, I.W.		
2022200888	Ocado Innovation Limited		
2022200889	Bilge, H.		
2022200890	EV Power WA Pty Ltd		
2022200891	Enable Injections, Inc.		
2022200892	BioXcel Therapeutics, Inc.		
2022200893	Terra Quantum AG		
2022200894	AgaMatrix, Inc.		
2022200895	SHENZHEN YITOA INTELLIGENT INDUSTRIAL CO.,LTD		
2022200896	Envirorubber Solutions Pty Ltd		
2022200897	Angel Group Co., Ltd.		
2022200898	Angel Group Co., Ltd.		
2022200899	Beijing Tushen Zhitu Technology Co., Ltd.		
2022200900	Apple Inc.		
2022200901	Apple Inc.		
2022200902	Rewards4Earth Pty Ltd		
2022200903	Caribou Biosciences, Inc.		
2022200904	Vorwerk & Co. Interholding GmbH		
2022200905	Dexcom, Inc.		
2022200906	Leonardo UK Ltd		
2022200908	BISSELL Inc.		
2022200909	Axon Enterprise, Inc.		
2022200910	West Affum Holdings Corp.		
2022200911	Zebra Technologies Corporation		
2022200912	Owens-Brockway Glass Container Inc.		
2022200913	LG ELECTRONICS INC.		
2022200914	Axon Enterprise, Inc.		
2022200915	Clever Power Pty Ltd		
2022200916	The NOCO Company		

**Innovation Patent Applications Filed****Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 8 Feb 2022 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(71) Davies, E.  
(21) 2022100035      (22) 09.02.2022  
(54) Gas-Cycle System for Heating or Cooling  
(62) PCT/AU2020/050828

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(71) Eteknology Pty Ltd  
(21) 2022100031      (22) 09.02.2022  
(54) Platform Module  
(62) 2016356729

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(71) Eteknology Pty Ltd  
(21) 2022100032      (22) 09.02.2022  
(54) A Modular Power System  
(62) 2017361122

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(71) Lewis, M.L.  
(21) 2022100030      (22) 09.02.2022  
(54) SAFETY CORRIDOR ARRANGEMENT  
(62) 2021200002

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(71) Onetide Modular Systems Pty Ltd  
(21) 2022100033      (22) 09.02.2022  
(54) Cable Spool, Cradle, Support and System for Handling Ship Dock Cables and Hoses  
(62) 2021221788

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(71) Onetide Modular Systems Pty Ltd  
(21) 2022100034      (22) 09.02.2022  
(54) Tower  
(62) 2021221830

Numerical Index

**2022100030** Lewis, M.L.  
**2022100031** Eteknology Pty Ltd  
**2022100032** Eteknology Pty Ltd

**2022100033** Onetide Modular Systems Pty Ltd  
**2022100034** Onetide Modular Systems Pty Ltd  
**2022100035** Davies, E.

**Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired**

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

The codes next to each number have the following meanings:

**Code Meaning**

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

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

N	Applications not Open to Public Inspection
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**2002**

2002014742 ( 14 )	2002015417 ( 14 )	2002015423 ( 14 )
2002015429 ( 14 )	2002015439 ( 14 )	2002015472 ( 14 )
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2004259781 ( 14 )	2004260914 ( 14 )	2004261101 ( 14 )
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2006201188 ( 14 )	2006203284 ( 14 )	2006230697 ( 14 )
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2006285326 ( 14 )	2006297760 ( 14 )	2006310167 ( 14 )
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**2007**

2007202839 ( 14 )	2007277166 ( 14 )	2007279331 ( 14 )
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2008200242 ( 14 )	2008200935 ( 14 )	2008203326 ( 14 )
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**2009**

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2010203334 ( 14 )	2010208154 ( 14 )	2010275376 ( 14 )
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2012216641 ( 14 )	2012241005 ( 14 )	2012286664 ( 14 )
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2014101571 ( 22 )	2014101572 ( 22 )	2014101603 ( 22 )	2018393409 ( 1B )	2018420074 ( 5C )	
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2015296885 ( 14 )	2015298575 ( 14 )	2015302187 ( 14 )	2020201045 ( 5C )	2020201122 ( 5C )	2020201177 ( 4C )
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2016101289 ( 22E )	2016203994 ( 14 )	2016204336 ( 5C )	2020203740 ( 5C )	2020204080 ( 4D )	2020204172 ( 4C )
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2016333712 ( 14 )	2016341364 ( 5C )	2016352800 ( 5C )	<b>2016</b>		
2016353073 ( 5C )	2016356233 ( 5C )	2016371926 ( 5C )	2016326510 Aerpio Pharmaceuticals, Inc. The application has been assigned to <b>EyePoint Pharmaceuticals, Inc.</b>		
2016374425 ( 25D )	2016401508 ( 14 )	2016401814 ( 5C )	2016364677 Osteros Biomedica Ltd. The application has been assigned to <b>Maxwell Biotech Group Ltd.</b>		
<b>2017</b>			<b>2017</b>		
2017101022 ( 22E )	2017101133 ( 22 )	2017201543 ( 5C )	2017275855 Dow Silicones Corporation; Multibase SA The application has been assigned to <b>DDP Specialty Electronic Materials US 9, LLC; Multibase SA</b>		
2017203385 ( 14 )	2017208231 ( 4B )	2017208235 ( 4B )	<b>2018</b>		
2017208262 ( 4B )	2017208294 ( 4A )	2017208324 ( 4B )	2017292732 Optibiotix Limited The application has been assigned to <b>Probiotix Health Limited</b>		
2017208354 ( 4A )	2017208362 ( 4A )	2017209649 ( 4B )			
2017213769 ( 5C )	2017217451 ( 25D )	2017227300 ( 5C )			
2017237252 ( 5C )	2017239164 ( 5C )	2017245319 ( 25D )			
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20172919682 ( 25D )	2017301961 ( 4C )	2017302051 ( 14 )			
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2017303694 ( 4D )	2017304275 ( 14 )	2017304280 ( 4C )			
2017304281 ( 4C )	2017304932 ( 4C )	2017307312 ( 14 )			
2017307372 ( 14 )	2017309774 ( 4C )	2017309843 ( 4C )			
2017316294 ( 4B )	2017322708 ( 5C )	2017327730 ( 4B )			
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**Assignments before Grant, Section 113**

2017299581 Aerpio Pharmaceuticals, Inc. The application has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2017314143 Mallet, Delphine The application has been assigned to **Visioon**

**2018**

2018207167 Aimmune Therapeutics, Inc. The application has been assigned to **Societe Des Produits Nestle S.A.**

2018221379 Sandoz AG The application has been assigned to **ViiV Healthcare UK (No.3) Limited**

2018244161 Juto, Fredrik; Juto, Jan-Erik The application has been assigned to **Abilion Medical Systems AB**

2018251134 ABB Schweiz AG The application has been assigned to **Hitachi Energy Switzerland AG; ABB Schweiz AG**

2018288029 Sichuan Baili Pharm Co. Ltd The application has been assigned to **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.**

2018288030 Sichuan Baili Pharm Co.Ltd The application has been assigned to **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.**

2018290298 Affinivax, Inc.; University of Maryland, Baltimore; Astellas US LLC The application has been assigned to **University of Maryland, Baltimore; Affinivax, Inc.**

2018331966 ABB Schweiz AG The application has been assigned to **Hitachi Energy Switzerland AG; ABB Schweiz AG**

2018358125 Aimmune Therapeutics, Inc. The application has been assigned to **Societe Des Produits Nestle S.A.**

2018393018 Guardtop LLC The application has been assigned to **CoolSeal LLC**

**2019**

2019283763 AMF-Bruns GmbH & Co. KG The application has been assigned to **Bruns Holding GmbH & Co. KG**

2019309948 Abexxa Biologics, Inc. The application has been assigned to **Boehringer Ingelheim Pharmaceuticals, Inc.**

2019310602 Aimmune Therapeutics, Inc. The application has been assigned to **Societe Des Produits Nestle S.A.**

2019348020 ABB Schweiz AG The application has been assigned to **Hitachi Energy Switzerland AG; ABB Schweiz AG**

2019348060 SERVICENOW CANADA INC. The application has been assigned to **SERVICENOW CANADA INC.**

2019348202 SERVICENOW CANADA INC. The application has been assigned to **SERVICENOW CANADA INC.**

**Assignments before Grant, Section 113**

2019352596 ABB Schweiz AG The application has been assigned to **Hitachi Energy Switzerland AG; ABB Schweiz AG**

2019366169 SERVICENOW CANADA INC. The application has been assigned to **SERVICENOW CANADA INC.**

2019374742 Element AI Inc. The application has been assigned to **SERVICENOW CANADA INC.**

**2020**

2020202685 Aimmune Therapeutics, Inc. The application has been assigned to **Societe Des Produits Nestle S.A.**

2020213278 ABB Schweiz AG The application has been assigned to **Hitachi Energy Switzerland AG; ABB Schweiz AG**

2020250684 Linde GmbH The application has been assigned to **BASF SE; thyssenkrupp Industrial Solutions AG; thyssenkrupp AG**

2020276295 Hubbell Incorporated The application has been assigned to **Hubbell Lighting, Inc.**

2020276612 Hubbell Incorporated The application has been assigned to **Hubbell Lighting, Inc.**

2020278909 Ospedale San Raffaele S.r.l.; Istituto Nazionale di Genetica Molecolare - INGM; Promidis S.r.l.; IRBM S.p.A. The application has been assigned to **Antios Therapeutics, Inc.**

2020284180 SolAround Ltd.; Eisenberg, Ygal; Kreinin, Lev; Eisenberg, Naftali The application has been assigned to **SolAround Ltd.**

2020286413 Rivera Surgical LLC The application has been assigned to **Simplex Designs, LLC**

2020289130 Ultracut Industries Pty Ltd The application has been assigned to **Jacobs, Garth**

2020301835 SB Technologies Inc.; Solmax International Inc. The application has been assigned to **Solmax International Inc.; Solmax International Inc.**

2020308974 Solmax International Inc.; SB Technologies Inc. The application has been assigned to **Solmax International Inc.; Solmax International Inc.**

2020329516 nanoSaar lab GmbH The application has been assigned to **nanoSaar Production GmbH**

**2021**

2021201092 Afiniti Europe Technologies Limited The application has been assigned to **Afiniti, Ltd.**

2021221714 Fullerton, Mark; Fenwick, Aarron; Rees-Jones, Blythe; Backler, Matthew The application has been assigned to **Eef Eef Ventures Limited**

2021901337 Donnelly, Mark The application has been assigned to **Fire NDT Pty Ltd**

**Assignments before Grant, Section 113**

2021903459 FIELD, Chris The application has been assigned to **TacTest Pty Ltd**

**2022**

2022200088 Mallinckrodt Hospital Products IP Limited The application has been assigned to **Mallinckrodt Pharmaceuticals Ireland Limited**

2022200513 Sandoz AG The application has been assigned to **ViiV Healthcare UK (No.3) Limited**

**Extensions of Time, Section 223****Applications Received**

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

**2003**

2003238563 **Advanced Nutrients Pty Ltd** An application to extend the time from 30 Jun 2021 to 30 Jan 2022 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2006**

2006290309 **Actelion Pharmaceuticals Ltd.** An application to extend the time from 05 Aug 2014 to 05 Nov 2021 in which to request an Extension of Term - Pharmaceutical has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2012**

2012346669 **AIMM Therapeutics B.V.** An application to extend the time from 03 Dec 2019 to 03 Oct 2021 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

**2017**

2017260572 **DMC Industries Pty Ltd** An application to extend the time from 02 May 2021 to 02 Jan 2022 in which to pay a renewal fee has been filed . Address for service - DMC Industries Pty Ltd PO Box 547 Avalon Beach NSW 2107 AU

2017265092 **JP Laboratories Inc.** An application to extend the time from 04 Jun 2021 to 04 Jan 2022 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017274575 **New Crescent Pty Ltd** An application to extend the time from 02 Jun 2021 to 02 Jul 2022 in which to pay a continuation fee and gain acceptance has been filed . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

**2020**

2020202374 **Aero Health Aust Pty Ltd** An application to extend the time from 02 Jun 2021 to 02 Jan 2022 in which to pay a continuation fee has been filed . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2020202374 **Aero Health Aust Pty Ltd** An application to extend the time from 02 Feb 2022 to 02 Jul 2022 in which to gain acceptance has

**Extensions of Time, Section 223**

been filed . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

**2021**

2021245146 **AIMM Therapeutics B.V.** An application to extend the time from 14 Nov 2019 to 14 Oct 2021 in which to make a further application for a divisional patent has been filed . Address for service - FPA Patent Attorneys Pty Ltd 101 Collins Street Melbourne VIC 3000 AU

**Applications Allowed - Section 223(2)****2017**

2017101333 **WILLIAM & HENRY TOOLS PTY LTD** The time in which to pay a renewal fee has been extended to 03 Jun 2021 . Address for service - WILLIAM & HENRY TOOLS PTY LTD 8 WILCO AVENUE CABRAMATTA WEST NSW 2166 AU

2017374845 **Chang, H.** The time in which to gain acceptance has been extended to 09 Mar 2022 . Address for service - Huei Meng CHANG Governor Phillip Tower L 23 1 Farrer Pl Sydney NSW 2000 AU

**2019**

2019204551 **eleXsys IP Pty Ltd** The time in which to pay the acceptance fee has been extended to 16 Jan 2022 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2019216709 **Illinois Tool Works Inc** The time in which to pay the acceptance fee has been extended to 23 Jan 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2020**

2020287327 **KINIKSA PHARMACEUTICALS, LTD.** The time in which to enter the National Phase has been extended to 03 Feb 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2021**

2021104097 **Verma, S.; Subashini, S.; Simon, N.H.; Danasu, R.; Sreeraja Kumar, R.; Sharma, S.; Venkatesh, L.; Ian Clement, A.; Jeba Shalin, M.; Sathish kumar, J.** The time in which to comply with a direction under Reg 3.2C has been extended to 04 Nov 2021 . Address for service - Sathiyaraj R 11 Newman close, Bundoora Melbourne Victoria, Australia 3083 Bundoora VIC 3083 AU

2021201598 **Hegel Industrial Solutions Pty Ltd** The time in which to make a further application for a divisional patent has been extended to 13 Mar 2021 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2021204442 **Lovász, S.; Gábor, R.; Giber, J.** The time in which to request examination has been extended to 13 Dec 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2021261895 **Altria Client Services LLC** The time in which to request examination has been extended to 23 Feb 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

## Amendments

### Applications for Amendment

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

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

### 2016

2016254056 Array microphone system and method of assembling the same **Shure Acquisition Holdings, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Jan 2022 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2016402982 An accessory for carrying items on a garment **VIVRA International Pty. Ltd.** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2022 . Address for service - Eagar & Associates Pty Ltd Suite 2 35-39 Scarborough Street Southport QLD 4215 AU

### 2017

2017232377 Process for converting S-enantiomer to its racemic form **FMC Corporation** The nature of the amendment is as shown in the statement(s) filed 19 Jan 2022 . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2017382185 Pyrazole derivatives as MALT1 inhibitors **Janssen Pharmaceutica NV** The nature of the amendment is as shown in the statement(s) filed 04 Feb 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

### 2018

2018225373 New medical use of compound III **Boehringer Ingelheim International GmbH** The nature of the amendment is as shown in the statement(s) filed 04 Feb 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

### 2019

2019201593 3D printing using spiral buildup **Orange Maker LLC** The nature of the amendment is as shown in the statement(s) filed 28 Jan 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019232751 Consensus verification method, apparatus, and device **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Feb 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019285867 Underwater power supply system **Kawasaki Jukogyo Kabushiki Kaisha** The nature of the amendment is: Amend the name of the inventor to read MUKAIDA, Minehiko; OKAYA, Noriyuki; FUKUI, Koichi; MUKAI, Makoto; TACHINAMI, Fumitaka and KAGA, Yuki . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019308863 Multi-aziridine compound **Covestro (Netherlands) B.V.** The nature of the amendment is as shown in the statement(s)

## Amendments

filed 02 Feb 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

### 2020

2020210185 Chimeric antigen receptors and uses thereof **Bio-sceptre (Aust) Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 09 Feb 2022 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

### Amendments Made

#### 2014

2014266991 **De La Rue International Limited** The nature of the amendment is as shown in the statement filed 19 Oct 2021

#### 2016

2016262969 **Aurigene Discovery Technologies Limited** The nature of the amendment is as shown in the statement filed 21 Oct 2021

2016294138 **The Climate Corporation** The nature of the amendment is as shown in the statement(s) filed on 25 December 2020; 23 April 2021; 29 June 2021; 15 October 2021

2016296709 **AbbVie Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Nov 2021

2016351308 **University Health Network** The nature of the amendment is as shown in the statement(s) filed 28 Oct 2021

#### 2017

2017272279 **Marine Canada Acquisition Inc.; Clarke, D.** The nature of the amendment is as shown in the statement(s) filed 23 Sep 2021

2017291704 **Gogo Business Aviation LLC** The nature of the amendment is as shown in the statement filed 04 Nov 2021

2017327753 **DuluxGroup (Australia) Pty Ltd** The nature of the amendment is: Amend the invention title to read Antimicrobial compounds or precursors thereof comprising one or more cationic centers and a coating-incorporation group

#### 2018

2018330633 **Immunic AG** The nature of the amendment is as shown in the statement filed 27 Sep 2021

2018331356 **Aladdin Manufacturing Corporation** The nature of the amendment is: Amend the name of the co-inventor to read Gallman, Michael Christopher

2018332264 **Alpinestars Research S.p.A.** The nature of the amendment is: Amend the name of the inventor to read MAZZAROLO, Giovanni and PARISSENTI, Roberto

2018350980 **Incyte Corporation** The nature of the amendment is: Amend the invention title to read CONDENSED IMIDAZOLE DERIVATIVES SUBSTITUTED BY TERTIARY HYDROXY GROUPS AS PI3K-Y GAMMA INHIBITORS

**Amendments**

2018356889 **Yoshino Gypsum Co., Ltd.** The nature of the amendment is: Amend the invention title to read Gypsum board manufacturing method and gypsum board

2018402959 **Toyota Boshoku Kabushiki Kaisha** The nature of the amendment is as shown in the statement filed 27 Jan 2022

**2019**

2019204224 **Manildra Milling Corporation** The nature of the amendment is as shown in the statement filed 29 Oct 2021

2019220202 **thyssenkrupp Marine Systems GmbH; thyssenkrupp AG** The nature of the amendment is as shown in the statement filed 10 Nov 2021

2019279085 **S2 Genomics, Inc.** The nature of the amendment is: Amend the priority details to read 62/679,494 01 Jun 2018 US

2019326848 **Robel Bahnbaumaschinen GmbH** The nature of the amendment is: Amend the invention title to read PROCESSING MACHINE AND METHOD FOR PROCESSING A RAIL TRACK

2019345581 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Refrigerant charging method

2019430399 **Covidien LP** The nature of the amendment is: Add the name of a co-inventor as Dixon, Campbell

2019436811 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read ENVIRONMENT ADJUSTMENT SYSTEM, ENVIRONMENT ADJUSTMENT METHOD AND ENVIRONMENT ADJUSTMENT PROGRAM

2019450898 **Jilin Asymchem Laboratories Co., Ltd.** The nature of the amendment is: Amend the invention title to read Continuous Synthesis Method for 1, 1'-Bicyclic [1.1.1]Pentane-1,3-Diethyl Ketone Compounds

**2020**

202007226 **Urschel Laboratories, Inc.; Frito-Lay North America, Inc.** The nature of the amendment is: Amend the name of the inventor to read Baxter, Corey Everette; Jacko, Michael Scot; Barber, Keith Alan; Ruegg, Richard James and King, Daniel Wade

2020216120 **Texas Tech University System** The nature of the amendment is as shown in the statement filed 29 Oct 2021

2020256063 **Zephyros, Inc.** The nature of the amendment is: Amend the name of the inventor to read CZAPLICKI, Michael; MORTAZAVIAN, Hamid and HICKS, Kevin

2020285718 **Janssen Sciences Ireland Unlimited Company** The nature of the amendment is: Amend the name of the inventor to read GROSSE, Sandrine Céline; DERATT, Lindsey Graham; VANDYCK, Koen; RABOISSON, Pierre Jean-Marie Bernard; PIETERS, Serge Maria Aloysius; KESTELEYN, Bart Rudolf Romanie; VERSCHUEREN, Wim Gaston; BERKE, Jan Martin; LECOMTE, Morgan Charles R.; MARTINEZ LAMENCA, Carolina; JONCKERS, Tim Hugo Maria; DENG, Gang; JIANG, Yimin; XU, Yanping; CHENG, Zhanling; HU, Lili and KUDUK, Scott D.

**Amendments**

2020287662 **Blackhawk Network, Inc.** The nature of the amendment is as shown in the statement filed 31 Jan 2022

2020290276 **Canon Kabushiki Kaisha** The nature of the amendment is: Amend the name of the inventor to read FUJIWARA, Akihiro and MURAKAMI, Ryuta

2020293635 **Debiopharm International S.A.** The nature of the amendment is: Amend the invention title to read Medicament and use thereof for treating bacterial infections involving biofilm

2020298110 **Quibim, S.L.** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2022

2020300103 **8 Rivers Capital, LLC** The nature of the amendment is: Amend the invention title to read Alkali -based removal of CO<sub>2</sub> from gas streams with co-generation of chemicals

2020302464 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read STEEL SHEET FOR CANS AND METHOD OF PRODUCING SAME

2020308283 **Guangzhou Maxinovel Pharmaceuticals Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read WANG, Yuguang; WANG, Feilan and ZHANG, Nong

2020310275 **Vivo Mobile Communication Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method for Supporting Port Control and Device

2020315039 **Liu, S.** The nature of the amendment is: Amend the invention title to read Manufacturing Process Tool and Manufacturing Process Method for Lateral Positioning Strip Toothed Belt

2020317375 **Augmented Haptics Ltd** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2022

2020322869 **Vivo Mobile Communication Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method for Sidelink Rate Matching and Resource Mapping, and Device

2020332113 **Fujikura Ltd.** The nature of the amendment is: Amend the invention title to read INTERMITTENTLY CONNECTED OPTICAL FIBER RIBBON

2020343894 **Meyer Burger (Germany) GmbH** The nature of the amendment is: Amend the invention title to read Backside emitter solar cell structure having a heterojunction and method and device for producing the same

2020423747 **Nippon Steel Corporation; Vallourec Oil and Gas France** The nature of the amendment is: Amend the invention title to read Threaded connection for pipe

2020423748 **Nippon Steel Corporation; Vallourec Oil and Gas France** The nature of the amendment is: Amend the invention title to read Threaded connection for pipe

**Amendments****2021**

2021106872 **Blackmores Ltd** The nature of the amendment is:  
Amend the name of the co-inventor to read PATAKI, Attila

2021202943 **ViaCyte, Inc.** The nature of the amendment is as shown in the statement filed 31 Oct 2021

2021221667 **Artrya Limited** The nature of the amendment is:  
Amend the invention title to read A SYSTEM FOR AND METHOD OF IDENTIFYING CORONARY ARTERY DISEASE

2021243424 **Mitsubishi Heavy Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Oxidation resistant alloy and manufacturing method of oxidation resistant alloy

2021901188 **Artrya Limited** The nature of the amendment is:  
Amend the invention title to read A SYSTEM FOR AND METHOD OF IDENTIFYING CORONARY ARTERY DISEASE

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2004**

2004311881 Trueposition, Inc. The name of the patentee has been altered to **Skyhook Holding, Inc.**

**2006**

2006329590 Joma International AS The name of the patentee has been altered to **Tiotech AS**

**2008**

2008242924 Trueposition, Inc. The name of the patentee has been altered to **Skyhook Holding, Inc.**

2008243003 Trueposition, Inc. The name of the patentee has been altered to **Skyhook Holding, Inc.**

**2011**

2011245111 S.P.M. Flow Control, Inc. The name of the patentee has been altered to **SPM Oil & Gas Inc.**

**2013**

2013266252 S.P.M. Flow Control, Inc. The name of the patentee has been altered to **SPM Oil & Gas Inc.**

2013367876 Mitsubishi Plastics Agri Dream Co., Ltd. The name of the patentee has been altered to **Mitsubishi Chemical Aqua Solutions Co., Ltd**

**2014**

2014202160 Mitsubishi Plastics Agri Dream Co., Ltd. The name of the patentee has been altered to **Mitsubishi Chemical Aqua Solutions Co., Ltd**

**2015**

2015292330 S.P.M. Flow Control, Inc. The name of the patentee has been altered to **SPM Oil & Gas Inc.**

**Amendments**

2015292348 S.P.M. Flow Control, Inc. The name of the patentee has been altered to **SPM Oil & Gas Inc.**

**2016**

2016200542 Anglo American Technical And Sustainability Services Ltd The name of the patentee has been altered to **Anglo American Technical & Sustainability Services Ltd**

2016247172 Anglo American Technical And Sustainability Services Ltd The name of the patentee has been altered to **Anglo American Technical & Sustainability Services Ltd**

2016263428 Clearit, LLC The name of the patentee has been altered to **Clear Intradermal Technologies, Inc.**

2016329235 Lange Christian SA The name of the applicant has been altered to **GLUTTON CLEANING MACHINES SA, en abrégé GLUTTON SA**

**2017**

2017204490 Anglo American Technical And Sustainability Services Ltd The name of the patentee has been altered to **Anglo American Technical & Sustainability Services Ltd**

2017276325 Anglo American Technical And Sustainability Services Ltd The name of the patentee has been altered to **Anglo American Technical & Sustainability Services Ltd**

2017382935 MedTrace A/S The name of the applicant has been altered to **MedTrace Pharma A/S**

2017382946 MedTrace A/S The name of the applicant has been altered to **MedTrace Pharma A/S**

**2018**

2018203387 Anglo American Technical And Sustainability Services Ltd The name of the patentee has been altered to **Anglo American Technical & Sustainability Services Ltd**

2018204736 Anglo American Technical And Sustainability Services Ltd The name of the patentee has been altered to **Anglo American Technical & Sustainability Services Ltd**

2018226785 Arctic Fox Biomedical, Inc. The name of the applicant has been altered to **Miraki Innovation Think Tank LLC**

2018244596 Graftworx, Inc. The name of the applicant has been altered to **Alio, Inc.**

2018282255 GlobalX NewCo Pty Ltd The name of the applicant has been altered to **SettsPlus Pty Ltd**

**2019**

2019201317 S.P.M. Flow Control, Inc. The name of the patentee has been altered to **SPM Oil & Gas Inc.**

2019363601 Sharps Technology Inc. The name of the applicant has been altered to **Sharps Technology, Inc.**

**Amendments**

2019363602 Sharps Technology Inc. The name of the applicant has been altered to **Sharps Technology, Inc.**

2019375660 Disruptive Materials pharma AB The name of the applicant has been altered to **Disruptive Pharma AB**

2019402973 Clearit, LLC The name of the applicant has been altered to **Clear Intradermal Technologies, Inc.**

2019403396 Les Laboratoires Servier SAS The name of the applicant has been altered to **Les Laboratoires Servier**

2019445457 Feed Research Institute, Chinese Academy of Agricultural Sciences. The name of the applicant has been altered to **Feed Research Institute, Chinese Academy of Agricultural Sciences**

**2020**

2020201675 Anglo American Technical And Sustainability Services Ltd The name of the applicant has been altered to **Anglo American Technical & Sustainability Services Ltd**

2020201838 Anglo American Technical And Sustainability Services Ltd The name of the applicant has been altered to **Anglo American Technical & Sustainability Services Ltd**

2020202801 Guiyang Plateau Machinery Company Limited; Taiyuan University of Technology The name of the patentee has been altered to **Pingdingshan Tianan Coal Mining Co., Ltd.; Taiyuan University of Technology**

2020260383 GE Global Sourcing LLC The name of the applicant has been altered to **Transportation IP Holdings, LLC**

**2021**

2021201293 Anglo American Technical And Sustainability Services Ltd The name of the applicant has been altered to **Anglo American Technical & Sustainability Services Ltd**

2021205132 Clearit, LLC The name of the applicant has been altered to **Clear Intradermal Technologies, Inc.**

2021273656 Celularity, Inc. The name of the applicant has been altered to **Celularity Inc.**

2021286385 Chee Wei Yeoh The name of the applicant has been altered to **EMP Image Solution Sdn. Bhd.**

**2022**

2022200755 The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center) The name of the applicant has been altered to **The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Institute)**

## Applications Open to Public Inspection

## Name Index

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

(71) 10X Genomics, Inc.  
 (11) AU-A-2022200718  
 (21) 2022200718 (22) 03.02.2022  
 (54) MICROCAPSULE COMPOSITIONS AND METHODS  
 (51) Int. Cl.  
*A61K 9/50* (2006.01)  
*A61K 9/52* (2006.01)  
*C12P 19/34* (2006.01)  
 (43) 24.02.2022  
 (62) 2020203602  
 (72) Saxonov, Serge; Hindson, Benjamin; Schnall-Levin, Michael  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) A.C.N. 643 159 031 PTY LTD  
 (11) AU-A-2020213363  
 (21) 2020213363 (22) 06.08.2020  
 (54) A HORTICULTURAL CONTROL SYSTEM  
 (51) Int. Cl.  
*A01G 9/26* (2006.01)  
*A01G 7/04* (2006.01)  
*A01G 9/24* (2006.01)  
 (43) 24.02.2022  
 (72) Sankey, Damien  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2022200642  
 (21) 2022200642 (22) 01.02.2022  
 (54) Analysis of glucose median, variability, and hypoglycemia risk for therapy guidance  
 (51) Int. Cl.  
*G16H 50/30* (2018.01)  
 (43) 24.02.2022  
 (62) 2019268205  
 (72) DUNN, Timothy C.; DONIGER, Kenneth J.; BERMAN, Glenn; HAYTLER, Gary A.; BUDIMAN, Erwin S.; BERNSTEIN, Daniel M.; CROUTHER, Nathan  
 (74) Spruson & Ferguson

(71) Acceleron Pharma Inc.  
 (11) AU-A-2022200641  
 (21) 2022200641 (22) 01.02.2022  
 (54) Activin-ActRIIa antagonists and uses for promoting bone growth  
 (51) Int. Cl.  
*C07K 14/705* (2006.01)  
*A61K 38/17* (2006.01)  
*C12N 5/10* (2006.01)  
 (43) 24.02.2022  
 (62) 2019222887  
 (72) KNOPF, John; SEEHRA, Jasbir  
 (74) Spruson & Ferguson

(71) Accenture Global Solutions Limited  
 (11) AU-A-2021212025  
 (21) 2021212025 (22) 04.08.2021  
 (54) INTELLIGENT QUESTION ANSWERING ON TABULAR CONTENT  
 (51) Int. Cl.  
*G06N 5/04* (2006.01)  
*G06F 40/157* (2020.01)  
*G06F 40/205* (2020.01)  
*G06F 40/56* (2020.01)  
*G06Q 10/10* (2012.01)  
*G06Q 50/10* (2012.01)  
 (31) 16/989,495 (32) 10.08.20 (33) US  
 (43) 24.02.2022  
 (72) JOY, Eldhose; JAYARAMAN, Sundar Prasad; JAWAGAL, Harsha; RADHESHAM SUPEKAR, Vishal  
 (74) Murray Trento & Associates Pty Ltd

(71) Acer Incorporated  
 (11) AU-A-2021212030  
 (21) 2021212030 (22) 04.08.2021  
 (54) User equipment for beam failure reporting and beam failure reporting method  
 (51) Int. Cl.  
*H04W 76/18* (2018.01)  
*H04B 7/04* (2017.01)  
*H04B 7/0413* (2017.01)  
*H04W 88/02* (2009.01)  
 (31) 17/371,246 (32) 09.07.21 (33) US  
 63/061,199 05.08.20 US  
 (43) 24.02.2022  
 (72) LO, Li-Chung; LEE, Chien-Min  
 (74) Spruson & Ferguson

(71) Acer Incorporated  
 (11) AU-A-2021212031  
 (21) 2021212031 (22) 04.08.2021  
 (54) User equipment for beam failure detection and beam failure detection method  
 (51) Int. Cl.  
*H04W 76/18* (2018.01)  
*H04B 7/04* (2017.01)  
*H04B 7/0413* (2017.01)  
*H04W 88/02* (2009.01)  
 (31) 17/372,825 (32) 12.07.21 (33) US  
 63/061,197 05.08.20 US  
 (43) 24.02.2022  
 (72) LO, Li-Chung; LEE, Chien-Min  
 (74) Spruson & Ferguson

(71) Acer Incorporated  
 (11) AU-A-2021215107  
 (21) 2021215107 (22) 09.08.2021  
 (54) Apparatuses and methods for small data transmission in a radio resource control (RRC) inactive state  
 (51) Int. Cl.  
*H04W 28/02* (2009.01)

**H04W 4/70** (2018.01)  
**H04W 76/10** (2018.01)  
**H04W 76/27** (2018.01)  
 (31) 17/363,439 (32) 30.06.21 (33) US  
 63/063,435 10.08.20 US  
 (43) 24.02.2022  
 (72) LIN, Jung-Mao  
 (74) Spruson & Ferguson

(71) Acres Technology  
 (11) AU-A-2022200798  
 (21) 2022200798 (22) 07.02.2022  
 (54) Gaming Device Having Variable Speed of Play  
 (51) Int. Cl.  
*A63F 13/00* (2014.01)  
 (43) 24.02.2022  
 (62) 2019283983  
 (72) Acres, John F.  
 (74) Golja Haines & Friend

(71) Action Sports Equipment Pty Ltd  
 (11) AU-A-2022200776  
 (21) 2022200776 (22) 04.02.2022  
 (54) TRAMPOLINE EQUIPMENT AND METHODS  
 (51) Int. Cl.  
*A63B 5/11* (2006.01)  
 (43) 24.02.2022  
 (62) 2019275644  
 (72) Seaman, Robert Brian; Jones, David Andrew; Hunter, Murray David Kirby; Blattmann, Lee David  
 (74) Acacia Law

(71) Acuitas Therapeutics Inc.  
 (11) AU-A-2022200794  
 (21) 2022200794 (22) 07.02.2022  
 (54) Novel lipids and lipid nanoparticle formulations for delivery of nucleic acids  
 (51) Int. Cl.  
*C07C 219/06* (2006.01)  
*A61K 9/127* (2006.01)  
*C07C 219/08* (2006.01)  
*C07C 219/10* (2006.01)  
*C07C 229/16* (2006.01)  
*C07D 295/13* (2006.01)  
 (43) 24.02.2022  
 (62) 2020204111  
 (72) Ansell, Steven M.; Du, Xinyao  
 (74) Davies Collison Cave Pty Ltd

(71) Adama Agan Ltd.  
 (11) AU-A-2022200720  
 (21) 2022200720 (22) 03.02.2022  
 (54) Process for preparing methoxy methyl pyridine dicarboxylate  
 (51) Int. Cl.  
*C07D 213/803* (2006.01)  
*C07D 401/04* (2006.01)

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 (72) Kusniec, Tzurit; Tzor, Omer; Yacovan, Avihai  
 (74) FB Rice Pty Ltd

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 (11) AU-A-2021212134  
 (21) 2021212134 (22) 06.08.2021  
 (54) A CONVEYOR ASSEMBLY FOR LOADING A WOOD-CHIPPER  
 (51) Int. Cl.  
*A01G 3/00* (2006.01)  
*B02C 18/22* (2006.01)  
*B27L 11/00* (2006.01)  
*B27L 11/02* (2006.01)  
*B65G 13/06* (2006.01)  
*B65G 41/00* (2006.01)  
 (31) 2020902772 (32) 06.08.20 (33) AU  
 (43) 24.02.2022  
 (72) Vaughan, John; David Denton, Anthony; Green, Jason  
 (74) Michael Buck IP

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(71) Advanced Elemental Technologies, Inc.  
 (11) AU-A-2022200701  
 (21) 2022200701 (22) 03.02.2022  
 (54) SYSTEMS AND METHODS CONFIGURED TO ENABLE AN OPERATING SYSTEM FOR CONNECTED COMPUTING THAT SUPPORTS USER USE OF SUITABLE TO USER PURPOSE RESOURCES SOURCED FROM ONE OR MORE RESOURCE ECOSPHERES  
 (51) Int. Cl.  
*G06F 7/00* (2006.01)  
 (43) 24.02.2022  
 (62) 2019264523  
 (72) Shear, Victor Henry; Williams, Peter Robert; Rho, Jaisook; Redmond, Timothy St.John; Horning, James Jay  
 (74) Phillips Ormonde Fitzpatrick

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(71) Advaxis, Inc.  
 (11) AU-A-2022200643  
 (21) 2022200643 (22) 01.02.2022  
 (54) Listeria-based compositions comprising a peptide minigene expression system and methods of use thereof  
 (51) Int. Cl.  
*C12N 1/21* (2006.01)  
*A61K 35/74* (2015.01)  
*A61P 35/00* (2006.01)  
*C07K 14/195* (2006.01)  
*C12N 9/10* (2006.01)  
*C12N 9/90* (2006.01)  
*C12N 15/74* (2006.01)  
 (43) 24.02.2022  
 (62) 2016226247  
 (72) PETIT, Robert; PRINCIOTTA, Michael F.  
 (74) FB Rice Pty Ltd

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Adverum Biotechnologies, Inc. see University of Washington

(21) 2022200708

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(71) AFL Telecommunications LLC; Fujikura Ltd.  
 (11) AU-A-2022200762  
 (21) 2022200762 (22) 04.02.2022  
 (54) Round and small diameter optical cables with a ribbon-like optical fiber structure  
 (51) Int. Cl.  
*G02B 6/44* (2006.01)  
 (43) 24.02.2022  
 (62) 2020203524  
 (72) Cignarale, Joseph; Baker, Doug; Hashimoto, Yoshio; Osato, Ken  
 (74) FB Rice Pty Ltd

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(71) AGENUS INC.  
 (11) AU-A-2022200658  
 (21) 2022200658 (22) 02.02.2022  
 (54) ANTI-TIM-3 ANTIBODIES AND METHODS OF USE THEREOF  
 (51) Int. Cl.  
*C07K 16/28* (2006.01)  
*A61K 39/00* (2006.01)  
 (43) 24.02.2022  
 (62) 2017271588  
 (72) Van Dijk, Marc; Breous-Nystrom, Ekaterina Vladimirovna; Wilson, Nicholas Stuart; Waight, Jeremy Dale; Underwood, Dennis John  
 (74) AJ PARK

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(71) Alarm.Com Incorporated  
 (11) AU-A-2022200102  
 (21) 2022200102 (22) 10.01.2022  
 (54) MACHINE LEARNING MOTION SENSING WITH AUXILIARY SENSORS  
 (51) Int. Cl.  
*G08B 13/189* (2006.01)  
*G08B 13/19* (2006.01)  
*H04N 7/18* (2006.01)  
 (43) 24.02.2022  
 (62) 2020265650  
 (72) Hutz, David James; Beach, Allison; Reeder, Alexander Lawrence; Madden, Donald Gerard; Tournier, Glenn  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Allergan, Inc.  
 (11) AU-A-2022200742  
 (21) 2022200742 (22) 04.02.2022  
 (54) Prostamide-containing intraocular implants and methods of use thereof  
 (51) Int. Cl.  
*A61K 9/16* (2006.01)  
*A61K 31/5575* (2006.01)  
*A61K 47/10* (2017.01)  
*A61K 47/34* (2017.01)  
 (43) 24.02.2022  
 (62) 2020201778  
 (72) Ghebremeskel, Alazar N.; Robinson, Michael R.  
 (74) Davies Collison Cave Pty Ltd

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(71) Amgen Inc.  
 (11) AU-A-2022200586  
 (21) 2022200586 (22) 28.01.2022  
 (54) Process For Manipulating The Level Of Glycan Content Of A Glycoprotein  
 (51) Int. Cl.  
*C12P 21/00* (2006.01)  
*C07K 14/00* (2006.01)  
*C07K 16/00* (2006.01)  
*C12P 21/02* (2006.01)  
 (43) 24.02.2022  
 (62) 2020202302  
 (72) LEISKE, Daniel R.; TRENTALANGE, Michael T.  
 (74) WRAYS PTY LTD

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(71) Angel Group Co., Ltd.  
 (11) AU-A-2021212019  
 (21) 2021212019 (22) 04.08.2021  
 (54) Reading system for game tokens  
 (51) Int. Cl.  
*G07F 17/32* (2006.01)  
*G06K 7/00* (2006.01)  
 (31) 2020-135193 (32) 07.08.20 (33) JP  
 (43) 24.02.2022  
 (72) Shigeta, Yasushi; Monji, Satoru  
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2022200505  
 (21) 2022200505 (22) 27.01.2022  
 (54) TABLE GAME MANAGEMENT SYSTEM, SUBSTITUTE CURRENCY FOR GAMING, AND INSPECTION DEVICE  
 (51) Int. Cl.  
*A63F 1/06* (2006.01)  
*A44C 21/00* (2006.01)  
*A63F 3/00* (2006.01)  
*G07F 17/32* (2006.01)  
 (43) 24.02.2022  
 (62) 2016356233  
 (72) Shigeta, Yasushi  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2022200767  
 (21) 2022200767 (22) 04.02.2022  
 (54) MOTORIZED DOOR ASSEMBLY WITH SAFETY FEATURES FOR HEATED CABINET  
 (51) Int. Cl.  
*E05F 15/649* (2015.01)  
*A47G 29/14* (2006.01)  
*E05F 15/00* (2015.01)  
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 (43) 24.02.2022  
 (62) 2018270923  
 (72) Whitaker, Craig; Weaver II, Edward Leonard; Zieker, Scott A.; Warner, Charles Eldon; Knollman, Ronald G.  
 (74) Phillips Ormonde Fitzpatrick

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(71) Apple Inc.  
 (11) AU-A-2022200617  
 (21) 2022200617 (22) 31.01.2022

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(51) Int. Cl.  
**H04L 9/32** ( 2006.01 )

(43) 24.02.2022

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(72) HAN, Byron B.; SHEPHERD, Matthew E.; CHAUDHRI, Imran; CHRISTIE, Gregory; COFFMAN, Patrick L.; FEDERIGHI, Craig M.; GAMBLE, Matthew H.; HUGHES, Brittany D.; LANGOULANT, Brendan J.; MARCINIAK, Craig A.; PITSCHEL, Donald W.; SCHIMPF, Daniel O.; WHALEY, Andrew R.; WHITNEY, Christopher R.; DASCOLA, Jonathan R.; YANG, Lawrence

(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.

(11) AU-A-2022200714

(21) 2022200714 (22) 03.02.2022

(54) Personal domain for a virtual assistant system on a communal device

(51) Int. Cl.

**H04W 4/70** ( 2018.01 )

**H04L 29/06** ( 2006.01 )

**H04L 29/08** ( 2006.01 )

**H04W 4/80** ( 2018.01 )

**H04W 12/02** ( 2009.01 )

**H04W 8/00** ( 2009.01 )

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(62) 2018351962

(72) BRADLEY, Bob; ANDRUS, Scott M.; KROCHMAL, Marc; PHIPPS, Benjamin S.; SARMA, Bhaskar P.; SCHRAMM, Karl F.; WOOD, Justin N.

(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.

(11) AU-A-2022200758

(21) 2022200758 (22) 04.02.2022

(54) Systems and methods for proactively identifying and surfacing relevant content on a touch-sensitive device

(51) Int. Cl.

**G06F 3/0486** ( 2013.01 )

**G06F 3/0488** ( 2022.01 )

**G06F 9/44** ( 2018.01 )

(43) 24.02.2022

(62) 2020203371

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(74) FPA Patent Attorneys Pty Ltd

(71) ARC BIO, LLC

(11) AU-A-2022200686

(21) 2022200686 (22) 02.02.2022

(54) Compositions and methods for targeted depletion, enrichment, and partitioning of nucleic acids using CRISPR/Cas system proteins

(51) Int. Cl.

**C12Q 1/68** ( 2018.01 )

(43) 24.02.2022

(62) 2015364286

(72) Carpenter, Meredith L.; Bustamante, Carlos D.; Gourguechon, Stephane B.

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(62) 2016234913

(72) Cuddy, Ryan; Nelson, Lyndsay

(74) James & Wells Intellectual Property

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2022200688

(21) 2022200688 (22) 02.02.2022

(54) GAMING SYSTEM WITH ELIMINATION FEATURE

(51) Int. Cl.

**G07F 7/00** ( 2006.01 )

(43) 24.02.2022

(62) 2019275635

(72) DAVIES, Clive Evan

(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2022200805

(21) 2022200805 (22) 08.02.2022

(54) A GAMING MACHINE

(51) Int. Cl.

**A63F 13/50** ( 2014.01 )

**A63F 13/00** ( 2014.01 )

**G07F 17/00** ( 2006.01 )

(43) 24.02.2022

(62) 2019279999

(72) PENACHO, Gary Joseph; TUOMEY, Thomas; HENDRICKS, Bradley

(74) Griffith Hack

(71) Atila Biosystems Incorporated

(11) AU-A-2022200725

(21) 2022200725 (22) 03.02.2022

(54) Amplification with primers of limited nucleotide composition

(51) Int. Cl.

**C12P 19/34** ( 2006.01 )

**C12Q 1/68** ( 2018.01 )

(43) 24.02.2022

(62) 2016252998

(72) WANG, Youxiang; YANG, Zhijie; CHEN, Xin

(74) Griffith Hack

(71) Audentes Therapeutics, Inc.

(11) AU-A-2022200678

(21) 2022200678 (22) 02.02.2022

(54) Nucleic acid molecules containing spacers and methods of use thereof

(51) Int. Cl.

**C12N 7/00** ( 2006.01 )

**A01N 43/04** ( 2006.01 )

**A61K 31/70** ( 2006.01 )

**A61K 31/7088** ( 2006.01 )

**A61K 48/00** ( 2006.01 )

**C12N 7/01** ( 2006.01 )

(43) 24.02.2022

(62) 2016338565

(72) Gray, John T.

(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2022200674

(21) 2022200674 (22) 02.02.2022

(54) Gaming System and Apparatus for Consecutive Ascending Awards

(51) Int. Cl.

**A63F 13/00** ( 2014.01 )

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(71) BEAUTY &amp; BUSINESS S.P.A.

(11) AU-A-2021209215

(21) 2021209215 (22) 27.07.2021

(54) HAIR COLOURING COMPOSITIONS

(51) Int. Cl.

A61K 8/44 (2006.01)

A61K 8/06 (2006.01)

A61K 8/22 (2006.01)

A61K 8/34 (2006.01)

A61K 8/41 (2006.01)

A61K 8/49 (2006.01)

A61Q 5/10 (2006.01)

(31) 102020000019576 (32) 07.08.20 (33) IT

(43) 24.02.2022

(72) CONSOLI, Antonio; FABBIA, Massimo; GREVALCUORE, Katiuscia; FACCHETTI, Emanuela

(74) Lord &amp; Company

(71) Becton, Dickinson and Company

(11) AU-A-2022200679

(21) 2022200679 (22) 02.02.2022

(54) Biological fluid collection device and collection module

(51) Int. Cl.

A61B 5/15 (2006.01)

B01L 3/00 (2006.01)

B01L 3/02 (2006.01)

G01N 33/49 (2006.01)

(43) 24.02.2022

(62) 2019225223

(72) IVOSEVIC, Milan; EDELHAUSER, Adam

(74) FB Rice Pty Ltd

(71) Beijing Tusen Weilai Technology Co., Ltd.

(11) AU-A-2021212121

(21) 2021212121 (22) 06.08.2021

(54) Control method for image acquisition device, control device therefor, and storage medium

(51) Int. Cl.

H04N 5/04 (2006.01)

H04N 5/12 (2006.01)

H04N 5/232 (2006.01)

(31) 202010787944.3 (32) 07.08.20 (33) CN

(43) 24.02.2022

(72) ZHANG, Yu; HAO, Jianan

(74) FB Rice Pty Ltd

(71) Berkeley Lights, Inc.

(11) AU-A-2022200683

(21) 2022200683 (22) 02.02.2022

(54) Microfluidic devices having isolation pens and methods of testing biological micro-objects with same

(51) Int. Cl.

C12M 1/24 (2006.01)

C12M 1/34 (2006.01)

G01N 35/08 (2006.01)

(43) 24.02.2022

(62) 2019275650

(72) HOBBS, Eric D.; WHITE, Mark P.; NEVILL, Tanner J.; MALLEO, Daniele; SHORT, Steven W.

(74) FB Rice Pty Ltd

(71) Berkshire Renewable Energy Pty Ltd

(11) AU-A-2021202602

(21) 2021202602 (22) 27.04.2021

(54) SYSTEM AND METHOD FOR LIFTING A STORAGE TANK OR A PART THEREOF

(51) Int. Cl.

B66F 3/46 (2006.01)

B66D 1/12 (2006.01)

B65D 88/08 (2006.01)

(31) 2020902733 (32) 04.08.20 (33) AU  
2020904803 22.12.20 AU

(43) 24.02.2022

(72) Grace, Arthur

(74) Mann IP

(71) Bidi Vapor, LLC

(11) AU-A-2020213405

(21) 2020213405 (22) 07.08.2020

(54) Vaporization Device with Bottom Cap

(51) Int. Cl.

A24F 40/40 (2020.01)

A24F 40/50 (2020.01)

A24F 40/51 (2020.01)

(31) 16/987,212 (32) 06.08.20 (33) US

(43) 24.02.2022

(72) Zou, Wanxiang; Qiu, Ningbo; Zhao, XingFu

(74) RnB IP Pty Ltd

(71) Bidi Vapor, LLC

(11) AU-A-2020213408

(21) 2020213408 (22) 07.08.2020

(54) Vaporization Device with Heating Component

(51) Int. Cl.

A24F 40/40 (2020.01)

(31) 16/987,229 (32) 06.08.20 (33) US

(43) 24.02.2022

(72) Zou, Wanxiang; Qiu, Ningbo; Zhao, XingFu

(74) RnB IP Pty Ltd

(71) Binary Beer Pty Ltd

(11) AU-A-2022200719

(21) 2022200719 (22) 03.02.2022

(54) Non-invasive attachable smart device housings and smart device methods and systems for beverage containers

(51) Int. Cl.

B67D 1/08 (2006.01)

B65D 25/20 (2006.01)

B65D 81/02 (2006.01)

B67D 7/14 (2010.01)

G01B 11/02 (2006.01)

G01B 11/14 (2006.01)

G01S 17/08 (2006.01)

G16Y 20/10 (2020.01)

H04W 4/02 (2018.01)

H04W 4/80 (2018.01)

(43) 24.02.2022

(62) 2021201464

(72) BURTON, Michael Edwin; ES-DAILE-WATTS, Edward Ellis

(74) Spruson &amp; Ferguson

(71) Biocompatibles UK Limited

(11) AU-A-2022200764

(21) 2022200764 (22) 04.02.2022

(54) Cryoablation system with magnetic resonance imaging detection

(51) Int. Cl.

A61B 18/02 (2006.01)

G01R 33/28 (2006.01)

A61B 18/00 (2006.01)

A61B 90/00 (2016.01)

(43) 24.02.2022

(62) 2018364675

(72) KOLLMANN, Daniel; DAVIS, Tim; RAMADHYANI, Satish; CHAN, Luan

(74) Spruson &amp; Ferguson

(71) BLY IP Inc.

(11) AU-A-2021212137

(21) 2021212137 (22) 06.08.2021

(54) Systems and methods for improved core sample analysis

(51) Int. Cl.

G06K 9/62 (2006.01)

G06N 3/02 (2006.01)

G06N 5/04 (2006.01)

G06N 20/00 (2019.01)

G06T 7/10 (2017.01)

(31) 63/062,975 (32) 07.08.20 (33) US

(43) 24.02.2022

(72) GEORGE, Luke

(74) Cotters Patent &amp; Trade Mark Attorneys

(71) Board of Regents of the University of Texas System

(11) AU-A-2022200689

(21) 2022200689 (22) 02.02.2022

(54) Methods and apparatus for conditioning cell populations for cell therapies

(51) Int. Cl.

C12M 3/00 (2006.01)

(43) 24.02.2022

(62) 2016281662

(72) Cox, Charles S.; Gill, Brijesh S.; Aroom, Kevin; Wenzel, Pamela

(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Boston Electrometallurgical Corporation

(11) AU-A-2022200687

(21) 2022200687 (22) 02.02.2022

(54) Systems and methods for molten oxide electrolysis

(51) Int. Cl.

C25C 7/02 (2006.01)

C25C 3/08 (2006.01)

C25C 3/16 (2006.01)

C25C 3/24 (2006.01)

C25C 7/06 (2006.01)

(43) 24.02.2022

(62) 2018333012

(72) HYERS, Robert; LAMBOTTE, Guillaume; HUMBERT, Matthew; BRADSHAW, Richard

(74) Spruson &amp; Ferguson

(71) Boyle, N.

(11) AU-A-2022200806

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(21) 2022200806 (22) 08.02.2022  
 (54) Oyster farming apparatus and methods  
 (51) Int. Cl.  
*A01K 61/54* (2017.01)  
*A01K 61/60* (2017.01)  
*B63B 22/00* (2006.01)  
*B63B 35/28* (2006.01)  
*B63B 35/34* (2006.01)  
 (43) 24.02.2022  
 (62) 2016368691  
 (72) Boyle, Norman  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2022200611  
 (21) 2022200611 (22) 31.01.2022  
 (54) Ultrafine bubble generating method, ultrafine bubble-containing liquid manufacturing apparatus and manufacturing method, and ultrafine bubble-containing liquid  
 (51) Int. Cl.  
*B05B 7/16* (2006.01)  
*A61L 2/18* (2006.01)  
*A61L 2/20* (2006.01)  
*B41J 2/14* (2006.01)  
*C01F 1/00* (2006.01)  
*C02F 1/00* (2006.01)  
 (43) 24.02.2022  
 (62) 2018323492  
 (72) KUBOTA, Masahiko; TAKAHASHI, Kenji; NAKAZAWA, Ikuo; YAMADA, Akitoshi; TANAHASHI, Nobuhisa; KONOSHITA, Yoshio  
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2022200676  
 (21) 2022200676 (22) 02.02.2022  
 (54) Electrophotographic image forming apparatus, developing apparatus, and coupling member  
 (51) Int. Cl.  
*G03G 15/01* (2006.01)  
*F16D 1/10* (2006.01)  
*F16D 3/04* (2006.01)  
*G03G 15/08* (2006.01)  
 (43) 24.02.2022  
 (62) 2020205222  
 (72) MORIOKA, Masanari; UENO, Takahito; MIYABE, Shigeo  
 (74) Spruson & Ferguson

(71) Caris MPI, Inc.  
 (11) AU-A-2022200781  
 (21) 2022200781 (22) 07.02.2022  
 (54) MOLECULAR PROFILING FOR CANCER  
 (51) Int. Cl.  
*G01N 33/53* (2006.01)  
 (43) 24.02.2022  
 (62) 2019250106  
 (72) Basu, Gargi; Feldman, Rebecca; Arguello, David; Xiu, Xianan; Gatalica, Zoran  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Cellengene Inc  
 (11) AU-A-2021245153  
 (21) 2021245153 (22) 30.04.2021  
 (54) Anti-mesothelin chimeric antigen receptor specifically binding to mesothelin  
 (51) Int. Cl.  
*C07K 16/18* (2006.01)  
*A61K 35/17* (2015.01)  
*C07K 14/705* (2006.01)  
 (31) 10-2020-0097546 (32) 04.08.20 (33) KR  
 (43) 24.02.2022  
 (72) AN, Jae Hyung; HAN, Na Kyung  
 (74) FPA Patent Attorneys Pty Ltd

(71) Celularity Inc.  
 (11) AU-A-2022200649  
 (21) 2022200649 (22) 01.02.2022  
 (54) Methods of tissue generation  
 (51) Int. Cl.  
*C12N 5/00* (2006.01)  
 (43) 24.02.2022  
 (62) 2019204110  
 (72) Bhatia, Mohit B.; Hariri, Robert J.; Hofgartner, Wolfgang; Wang, Jia-Lun; Ye, Qian  
 (74) FB Rice Pty Ltd

(71) Chr. Hansen A/S  
 (11) AU-A-2022200663  
 (21) 2022200663 (22) 02.02.2022  
 (54) Variants of chymosin with improved milk-clotting properties  
 (51) Int. Cl.  
*C12N 9/64* (2006.01)  
*A23C 19/06* (2006.01)  
*A23K 20/195* (2016.01)  
*C12N 15/59* (2006.01)  
 (43) 24.02.2022  
 (62) 2019203589  
 (72) VAN DEN BRINK, Johannes Maarten; LUND, Martin; JACOBSEN, Jonas; HANSEN, Sari Charlotte; IBEN, Jeppesen  
 (74) Spruson & Ferguson

(71) City of Hope  
 (11) AU-A-2022200592  
 (21) 2022200592 (22) 30.01.2022  
 (54) Cell penetrating antibodies  
 (51) Int. Cl.  
*A61K 38/14* (2006.01)  
*A61K 39/08* (2006.01)  
 (43) 24.02.2022  
 (62) 2016206475  
 (72) Herrmann, Andreas; Yu, Hua  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2022200667

(71) Commercialisation Express Pty Ltd  
 (11) AU-A-2022200593

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 (51) Int. Cl.  
*A01N 43/40* (2006.01)  
*A01N 43/653* (2006.01)  
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 (11) AU-A-2022200684  
 (21) 2022200684 (22) 02.02.2022  
 (54) Herbicidal compositions containing 4-amino-3-chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)pyridine-2-carboxylic acid, florasulam and pyroxsulam or derivatives thereof  
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*A01N 43/40* (2006.01)  
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*C07D 213/79* (2006.01)  
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*A61B 17/221* (2006.01)  
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*D06C 15/10* (2006.01)  
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*G16H 20/10* (2018.01)  
*G01N 33/86* (2006.01)  
*A61K 31/727* (2006.01)  
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**C02F 1/00** ( 2006.01 )  
**B01J 20/12** ( 2006.01 )  
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**B01J 47/024** ( 2017.01 )  
**C02F 1/28** ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**A61K 33/06** ( 2006.01 )  
**A61K 35/741** ( 2015.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 15/00** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
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**B63H 21/38** ( 2006.01 )  
**B63B 25/02** ( 2006.01 )  
**B63H 21/00** ( 2006.01 )  
**B63J 3/00** ( 2006.01 )  
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**G06F 40/18** ( 2020.01 )  
**G06F 9/30** ( 2018.01 )  
**G06F 11/07** ( 2006.01 )  
**G06F 21/62** ( 2013.01 )  
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*A61K 9/00* (2006.01)  
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*G06F 16/13* (2019.01)  
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*G06Q 20/00* (2012.01)  
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*F16B 2/02* (2006.01)  
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B64D 15/20 (2006.01)  
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**A61M 15/08** (2006.01 )  
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**B29C 64/20** (2017.01)  
**B33Y 30/00** (2015.01)  
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 (74) Cotters Patent & Trade Mark Attorneys
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**B32B 27/06** (2006.01)  
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**F24S 25/10** (2018.01)  
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*B32B 25/02* (2006.01)  
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 (51) Int. Cl.  
*A47J 31/22* (2006.01)  
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- (71) Soroco Private Limited  
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 (54) SYSTEMS AND METHODS FOR DISCOVERING AUTOMATABLE TASKS  
 (51) Int. Cl.  
*G06F 3/048* (2013.01)  
*G05B 19/04* (2006.01)  
*G06F 9/44* (2018.01)  
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 (74) RnB IP Pty Ltd

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*H04N 21/439* (2011.01)  
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*H04N 21/858* (2011.01)  
 (43) 24.02.2022  
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 (72) Frecon III, Henry; Phillips, Michael; Greene, Patrick; Carroll, Timothy  
 (74) DAVIS IP PTY LTD

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- (54) Synchronizing ancillary data to content including audio  
 (51) Int. Cl.  
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*H04N 21/422* (2011.01)  
*H04N 21/43* (2011.01)  
*H04N 21/4722* (2011.01)  
*H04N 21/858* (2011.01)  
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 (62) 2017247046  
 (72) Carroll, Timothy; Frecon III, Henry; Greene, Patrick; Phillips, Michael  
 (74) DAVIS IP PTY LTD

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 (54) Mobile content delivery system with recommendation-based pre-fetching  
 (51) Int. Cl.  
*G06F 9/38* (2018.01)  
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 (74) FB Rice Pty Ltd

- (71) SP Press IP Pty Ltd  
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 (21) 2022200773 (22) 04.02.2022  
 (54) A BALE PRESS  
 (51) Int. Cl.  
*B65B 27/12* (2006.01)  
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*B65B 13/04* (2006.01)  
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- (71) Steel-Line Garage Doors Australia Pty Ltd  
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 (54) Roller shutter clip, roller shutter, and roller shutter assembly  
 (51) Int. Cl.  
*E06B 9/58* (2006.01)  
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- (71) Stoller Enterprises, Inc.  
 (11) AU-A-2022200682  
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 (54) Non-aqueous solution of plant growth regulator(s) and polar and/or semi-polar organic solvent(s)  
 (51) Int. Cl.  
*A01N 25/02* (2006.01)  
 (43) 24.02.2022  
 (62) 2020202766  
 (72) STOLLER, Jerry; SHETH, Ritesh  
 (74) Davies Collison Cave Pty Ltd

- (71) StorEnergy Holdings Ltd  
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 (21) 2022200625 (22) 01.02.2022  
 (54) Solar concentrator, solar receiver and thermal storage  
 (51) Int. Cl.  
*F28D 20/00* (2006.01)  
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 (74) FPA Patent Attorneys Pty Ltd

- (71) Syrinix Ltd  
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 (54) TRANSIENT PRESSURE EVENT DETECTION SYSTEM AND METHOD  
 (51) Int. Cl.  
*G01M 3/28* (2006.01)  
*F17D 1/08* (2006.01)  
*F17D 5/06* (2006.01)  
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 (74) FPA Patent Attorneys Pty Ltd

- (71) TAYA CANVAS (Shanghai) Company Limited  
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 (54) POLYPROPYLENE ENVIRONMENTALLY FRIENDLY ADVERTISING CLOTH  
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*D03D 15/513* (2021.01)  
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 (74) Madderns Pty Ltd

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 (21) 2022200827 (22) 08.02.2022  
 (54) METHOD FOR CAPTURING HAPTIC CONTENT IN MULTIPLE COMMUNICATION DEVICES  
 (51) Int. Cl.  
*G06F 3/01* (2006.01)

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**C08F 2/00** ( 2006.01 )  
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(51) Int. Cl.  
**A61K 39/29** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
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(74) FB Rice Pty Ltd

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(51) Int. Cl.  
**H04W 84/06** ( 2009.01 )  
**B64G 1/10** ( 2006.01 )  
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(54) Portable vehicle battery jump start apparatus with safety protection  
(51) Int. Cl.

**H02J 7/00** ( 2006.01 )  
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(72) Nook, Jonathan Lewis; Nook, William Knight; Stanfield, James Richard; Underhill, Derek Michael  
(74) Griffith Hack

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(51) Int. Cl.  
**H02J 7/00** ( 2006.01 )  
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(72) Nook, Jonathan Lewis; Nook, William Knight; Stanfield, James Richard; Underhill, Derek Michael  
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(51) Int. Cl.  
**A23K 10/18** ( 2016.01 )  
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**C12Q 1/04** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
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(54) Compositions and methods for degradation of misfolded proteins  
(51) Int. Cl.  
**A61P 11/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
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(54) FITTING STRUCTURE  
(51) Int. Cl.  
**F16B 5/07** ( 2006.01 )

**B60R 13/02** ( 2006.01 )  
**F16B 5/06** ( 2006.01 )  
**F16B 21/08** ( 2006.01 )  
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**G06Q 50/28** ( 2012.01 )  
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(51) Int. Cl.  
**E21B 7/00** ( 2006.01 )  
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(72) Schmidt, Wolfgang  
(74) Phillips Ormonde Fitzpatrick

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(71) Trakwise Pty Ltd  
(11) AU-A-2021221668  
(21) 2021221668 (22) 25.08.2021  
(54) PORTABLE ITEM TRACKERS CONFIGURED FOR EFFICIENT TRACKING OF PORTABLE VALUABLES, METHODS FOR OPERATING SUCH ITEM TRACKERS, AND ITEM TRACKING FRAMEWORKS  
(51) Int. Cl.  
**H04W 4/029** ( 2018.01 )  
**G01S 19/14** ( 2010.01 )  
**H04W 4/021** ( 2018.01 )  
**H04W 48/18** ( 2009.01 )  
**H04W 52/02** ( 2009.01 )  
**G01S 1/04** ( 2006.01 )  
**H04L 67/12** ( 2022.01 )  
**H04W 64/00** ( 2009.01 )  
**H04W 84/18** ( 2009.01 )  
**H04W 88/06** ( 2009.01 )  
(31) 2020904331 (32) 24.11.20 (33) AU  
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 (51) Int. Cl.  
*G06F 16/11* (2019.01)  
*G06F 17/40* (2006.01)  
*G06F 40/12* (2020.01)  
*G06N 20/00* (2019.01)  
*G06Q 10/10* (2012.01)  
*G06Q 50/30* (2012.01)  
 (31) 63/062,438 (32) 06.08.20 (33) US 17/394,022 04.08.21 US  
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 (54) Improvements in or in relation to screens  
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- (71) University of Ottawa  
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 (54) Decellularised cell wall structures from plants and fungus and use thereof as scaffold materials  
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*A61L 27/36* (2006.01)  
*A61K 8/97* (2017.01)  
*A61K 9/00* (2006.01)  
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 (54) Compositions and methods for enhanced gene expression in cone cells  
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*C12N 15/08* (2006.01)  
*C07H 21/04* (2006.01)  
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*A61L 9/12* (2006.01)  
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 (54) A GAMING MACHINE  
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*G07F 17/32* (2006.01)  
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 (51) Int. Cl.  
*G06T 17/00* (2006.01)  
*G06V 10/10* (2022.01)  
*G06V 10/40* (2022.01)  
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 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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 (54) Privacy-preserving data collection  
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 (74) James & Wells Intellectual Property
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 (54) Surfboard with replaceable battery  
 (51) Int. Cl.  
*B63B 32/00* (2020.01)
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 (11) AU-A-2021205073  
 (21) 2021205073 (22) 15.07.2021  
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 (51) Int. Cl.  
*A61B 3/14* (2006.01)  
*A61B 3/12* (2006.01)  
*G16H 50/30* (2018.01)  
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 (72) Fitzgibbons, Stacey A.; Hart, Allen R.; Meyerson, Craig M.; Ribble, David L.; Whitt, Heather; Wolfe, Gene J.  
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 (54) Fundus imaging for microvascular assessment  
 (51) Int. Cl.  
*A61B 3/12* (2006.01)  
*A61B 3/11* (2006.01)  
*G16H 30/40* (2018.01)  
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- (71) Wisk Aero LLC  
 (11) AU-A-2022200635  
 (21) 2022200635 (22) 01.02.2022  
 (54) Battery with liquid temperature controlling system  
 (51) Int. Cl.  
*B60L 53/80* (2019.01)  
*B60L 53/18* (2019.01)  
*B60L 58/26* (2019.01)  
*H01M 10/44* (2006.01)  
*H01M 10/60* (2014.01)  
*H01M 10/613* (2014.01)  
*H01M 10/625* (2014.01)  
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*H01M 10/6567* (2014.01)  
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 (74) Davies Collison Cave Pty Ltd
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- (71) Wix.com Ltd.  
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 (51) Int. Cl.  
*G06F 17/00* (2019.01)

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(72) Goldstein, Yuval; Marcus, Avi; Ptashek,  
Sharon; Golan, Kfir; Shmuglin, Daniel  
(74) Cotters Patent & Trade Mark Attorneys

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(54) Systems and methods of direct bank  
transfer  
(51) Int. Cl.  
*G06Q 20/20* ( 2012.01 )  
*G06Q 20/32* ( 2012.01 )  
*G06Q 20/40* ( 2012.01 )  
(43) 24.02.2022  
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(72) Drury, Rodney Kenneth; Vickers, Mat-  
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(54) Paper Cover And Method For Manufac-  
turing Paper Cover  
(51) Int. Cl.  
*B65D 3/00* ( 2006.01 )  
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(72) Yamada, Kikuo  
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## Numerical Index

2020204642	Hen Luminary Energy International Pty Ltd	2022200203	Leonhard Kurz Stiftung & Co KG; OVD Kinogram AG
2020213330	Hamdy, E.	2022200377	Theia Group, Incorporated
2020213363	A.C.N. 643 159 031 PTY LTD	2022200465	Road Widener LLC
2020213370	Georgetown Software House, Inc.	2022200494	Lauren Sciences LLC
2020213405	Bidi Vapor, LLC	2022200503	TrackTech Solutions Corp.
2020213408	Bidi Vapor, LLC	2022200505	Angel Group Co., Ltd.
2020227119	Nanjing Wurui Biodegradable New Material Research Institute Co., Ltd.	2022200534	IDEXX Laboratories Inc.
2020227120	Nanjing Wurui Biodegradable New Material Research Institute Co., Ltd.	2022200535	MASTERCARD INTERNATIONAL INCORPORATED
2020227132	Nanjing Wurui Biodegradable New Material Research Institute Co., Ltd.	2022200538	Ricoh Company, Ltd.
2020227133	Nanjing Wurui Biodegradable New Material Research Institute Co., Ltd.	2022200541	Novel Microdevices, Inc.
2020270467	Dongwon F&B Co., Ltd.	2022200560	Ercole Biotech, Inc.; Santaris Pharma A/S; The University of North Carolina at Chapel Hill
2020281052	Coupang Corp.	2022200582	CROWN EQUIPMENT CORPORATION
2020281078	Coupang Corp.	2022200583	Oncoreutics, Inc.
2020281122	Coupang Corp.	2022200585	Qurasense, Inc.
2020449441	SENSEE, Inc.	2022200586	Amgen Inc.
2021202602	Berkshire Renewable Energy Pty Ltd	2022200598	City of Hope
2021203000	Deere & Company	2022200599	Commercialisation Express Pty Ltd
2021204235	IFP ENERGIES NOUVELLES	2022200600	Jets Innovations Pty Ltd
2021204272	Skvorecz, R.	2022200601	RENMATIX, INC.
2021204273	Skvorecz, R.	2022200603	Opex Corporation
2021204428	GoPlus Corp.	2022200604	Google LLC
2021204686	Palo Alto Research Center Incorporated	2022200606	PME IP PTY LTD
2021205064	Robel Bahnbaumaschinen GmbH	2022200608	TRACTO-TECHNIK GmbH & Co. KG
2021205073	Welch Allyn, Inc.	2022200609	RMH Tech LLC
2021206880	Environmental Water Solutions Pty. Ltd.	2022200610	Miraki Innovation Think Tank, LLC
2021206891	Imtrade Australia Pty Ltd	2022200611	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.
2021206899	MONTEFIBRE MAE TECHNOLOGIES S.R.L.	2022200612	K Factor Consulting Pty Ltd
2021206906	Cumpston, P.	2022200614	Genesis Attachments, LLC
2021209215	BEAUTY & BUSINESS S.P.A.	2022200616	Canon Kabushiki Kaisha
2021209274	Fasteners for Retail, Inc.	2022200617	The NOCO Company
2021209305	TAYA CANVAS (Shanghai) Company Limited	2022200625	MiMedx Group, Inc.
2021209348	Globe (Jiangsu) Co., Ltd.	2022200629	Immatics Biotechnologies GmbH
2021211979	DAWN AEROSPACE LIMITED	2022200631	Apple Inc.
2021211996	Lockheed Martin Corporation	2022200633	StorEnergy Holdings Ltd
2021212000	Rustamzadeh, E.	2022200634	CORDIS CORPORATION
2021212017	Lift Plus Energy Solutions, Ltd.	2022200635	Magic Leap, Inc.
2021212019	Angel Group Co., Ltd.	2022200637	Wix.com Ltd.
2021212023	Steel-Line Garage Doors Australia Pty Ltd	2022200638	Eazy Azz Pty Ltd
2021212025	Accenture Global Solutions Limited	2022200639	Wisk Aero LLC
2021212030	Acer Incorporated	2022200640	Liveperson, Inc.
2021212031	Acer Incorporated	2022200641	Monsanto Technology LLC
2021212043	Nicflex Manufacturing Pty Ltd	2022200642	Hawthorne Holdings Pty Ltd
2021212045	MAKO Surgical Corp.	2022200643	Mesoblast International Sarl
2021212047	Syrinix Ltd	2022200645	Acceleron Pharma Inc.
2021212056	Welch Allyn, Inc.	2022200646	Abbott Diabetes Care Inc.
2021212073	Transportation IP Holdings, LLC	2022200647	Advaxis, Inc.
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2021212140	OzRoll IP Pty Ltd	2022200659	Guardhat, Inc.
2021212147	Oticon Medical A/S	2022200660	Schaefgen, M.
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2021221776	FMG International Pte Ltd	2022200664	sourse Pty Ltd
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			Gries, G.
			WBV Weisenburger Bau+Verwaltung GmbH

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2022200683	Berkeley Lights, Inc.	2022200795	NUTS HOLDINGS, LLC
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**2021107657** Shanghai, Tiandi Mining Equipment Technology Co.,  
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Ltd  
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**F16L 55/26** (2006.01)  
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(51) Int. Cl.

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*A61K 31/437* (2006.01)

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(72) BROWN, David

(74) Dentons Patent Attorneys Australasia Limited

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 A62C 2/06 (2006.01 )  
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<b>(72)</b> ROBERTS, James; TASCH, Michael; GEWE, Mesfin; JESTER, Benjamin; SAVERIA, Tracy		
<b>(74)</b> Davies Collison Cave Pty Ltd		
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<b>(71)</b> M6P Therapeutics (Switzerland) LLC	<b>(71)</b> Mars, Incorporated	
<b>(11)</b> AU-A-2020298575	<b>(11)</b> AU-A-2020324404	
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<b>(54)</b> Vector compositions and methods of using same for treatment of lysosomal storage disorders	<b>(54)</b> Spray dried cacao pulp	
<b>(51)</b> Int. Cl.	<b>(51)</b> Int. Cl.	
<b>C12N 9/12</b> ( 2006.01 )	<b>A23G 1/32</b> ( 2006.01 )	
<b>A61K 48/00</b> ( 2006.01 )	<b>A23G 1/04</b> ( 2006.01 )	
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<b>(74)</b> Davies Collison Cave Pty Ltd	<b>B01D 1/18</b> ( 2006.01 )	
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<b>(71)</b> Mackool, R.	<b>(87)</b> WO2021/026089	
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<b>(21)</b> 2020330307	62/961,562	15.01.20 US
<b>(54)</b> Capsular retractors	62/961,578	15.01.20 US
<b>(51)</b> Int. Cl.	<b>(43)</b> 11.02.2021	
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<b>A61F 9/00</b> ( 2006.01 )	<hr/>	
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<b>(31)</b> 16/544,300	<b>(11)</b> AU-A-2020326629	
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<b>(72)</b> MACKOOL, Richard	<b>(54)</b> Novel preparation of fat-based confections	
<b>(74)</b> Cotters Patent & Trade Mark Attorneys	<b>(51)</b> Int. Cl.	
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<b>(71)</b> Magic Carpet Ltd	<b>A23D 9/007</b> ( 2006.01 )	
<b>(11)</b> AU-A-2020298880	<b>A23G 3/40</b> ( 2006.01 )	
<b>(21)</b> 2020298880	<b>(87)</b> WO2021/026103	
<b>(54)</b> Portable space heater and surface heating system	<b>(31)</b> 62/881,983	<b>(32)</b> 02.08.19 (33) US
<b>(51)</b> Int. Cl.	62/961,562	15.01.20 US
<b>A47C 21/04</b> ( 2006.01 )	62/961,578	15.01.20 US
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<b>F24H 3/04</b> ( 2006.01 )	<b>(72)</b> CASTRO, Armando J.; GLAZIER, Barry David; BEN-YOSEPH, Eyal M.; HSU, Chia-Hua; KELLEY, Sara; UNLU, Emine; WILLCOCKS, Neil A.; COLLINS, Thomas M.	
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<b>(72)</b> DVASH, Ofir; BRODER, Daniel; KALK-SHTEIN, Gal	<b>(21)</b> 2020352993	<b>(22)</b> 23.09.2020
<b>(74)</b> Davies Collison Cave Pty Ltd	<b>(54)</b> Individualized animal dry food composition	
<hr/>	<b>(51)</b> Int. Cl.	
<b>(71)</b> Mars, Incorporated	<b>A23K 50/00</b> ( 2016.01 )	
<b>(11)</b> AU-A-2020319870	<b>G06Q 50/04</b> ( 2012.01 )	
<b>(21)</b> 2020319870	<b>(87)</b> WO2021/061743	
<b>(54)</b> Merchandise display for displaying, refrigerating, and dispensing containers of a frozen product	<b>(31)</b> 19198990.4	<b>(32)</b> 23.09.19 (33) EP
<b>(51)</b> Int. Cl.		
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<b>(71)</b> Mars, Incorporated	<b>(71)</b> Medartis Holding AG	
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<b>(21)</b> 2020319870	<b>(21)</b> 2020334184	<b>(22)</b> 12.08.2020
<b>(54)</b> Merchandise display for displaying, refrigerating, and dispensing containers of a frozen product	<b>(54)</b> Plate for temporarily bridging fragments of a fracture	
<b>(51)</b> Int. Cl.	<b>(51)</b> Int. Cl.	
<b>A61B 17/80</b> ( 2006.01 )	<b>A61B 17/80</b> ( 2006.01 )	
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*F28D 9/00* (2006.01)  
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 (72) JIN, Mingzhi; CHEN, Xiaoyue; ZHANG, Yue; ZHANG, Chen; YIN, Li; CAI, Jie-ying; WANG, Jun; ZHOU, Weichang  
 (74) Spruson & Ferguson
- 
- (71) Wuxi Hisky Medical Technologies Co., Ltd.  
 (11) AU-A-2020322893  
 (21) 2020322893 (22) 28.07.2020  
 (54) Data processing method, apparatus, device, and storage medium  
 (51) Int. Cl.  
     A61B 8/00 (2006.01)  
 (87) WO2021/018101  
 (31) 201910706620.X (32) 01.08.19 (33) CN  
 (43) 04.02.2021  
 (72) HE, Qiong; XU, Xiaochen; SHAO, Jin-hua; SUN, Jin; DUAN, Houli  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Yo-Kai Express Inc.  
 (11) AU-A-2020316424  
 (21) 2020316424 (22) 22.07.2020  
 (54) Food vending machine and food vending method using the same  
 (51) Int. Cl.  
     G07F 17/00 (2006.01)  
     A47J 17/00 (2006.01)  
     A47J 27/14 (2006.01)  
     A47J 27/16 (2006.01)

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- A47J 37/00** (2006.01)  
**G07F 9/10** (2006.01)  
**(87)** WO2021/016326  
**(31)** 62/877,503      **(32)** 23.07.19 (33) US  
  62/895,606            04.09.19    US  
  62/899,343            12.09.19    US  
**(43)** 28.01.2021  
**(72)** LIN, Chih Hung  
**(74)** Phillips Ormonde Fitzpatrick
- 
- (71)** Yoto Limited  
**(11)** AU-A-2020318880  
**(21)** 2020318880      **(22)** 10.07.2020  
**(54)** An interactive apparatus  
**(51)** Int. Cl.  
  **A63F 13/90** (2014.01)  
  **A63F 13/95** (2014.01)  
  **A63H 33/26** (2006.01)  
  **G06F 1/16** (2006.01)  
**(87)** WO2021/014122  
**(31)** 1910552.7      **(32)** 24.07.19 (33) GB  
**(43)** 28.01.2021  
**(72)** BALLHATCHET, Thomas; DENKER, Filip; DRURY, Benjamin; SMITH, Paul  
**(74)** KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71)** Zodiac Pool Care Europe  
**(11)** AU-A-2020326394  
**(21)** 2020326394      **(22)** 27.07.2020  
**(54)** Systems and methods of operating automatic swimming pool cleaners with enhanced cycle times  
**(51)** Int. Cl.  
  **E04H 4/16** (2006.01)  
**(87)** WO2021/024085  
**(31)** 62/883,750      **(32)** 07.08.19 (33) US  
**(43)** 11.02.2021  
**(72)** DUFFAUT, Simon  
**(74)** FB Rice Pty Ltd
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- (71)** Zomagen Biosciences Ltd  
**(11)** AU-A-2020312800  
**(21)** 2020312800      **(22)** 16.07.2020  
**(54)** N-((1,2,3,5,6,7-hexahydro-s-indacen-4-yl)carbamoyl)-4,5,6,7-tetrahydrobenzofuran-2-sulfonamide derivatives and related compounds as NLPR3 modulators for the treatment of multiple sclerosis (ms)  
**(51)** Int. Cl.  
  **C07D 307/82** (2006.01)  
  **A61K 31/343** (2006.01)  
  **A61K 31/4162** (2006.01)  
  **A61K 31/55** (2006.01)  
  **A61P 1/04** (2006.01)  
  **A61P 1/16** (2006.01)  
  **A61P 3/00** (2006.01)  
  **A61P 3/04** (2006.01)  
  **A61P 3/10** (2006.01)  
  **A61P 9/00** (2006.01)  
  **A61P 9/10** (2006.01)  
  **A61P 11/00** (2006.01)  
  **A61P 11/06** (2006.01)  
  **A61P 25/00** (2006.01)  
  **A61P 25/16** (2006.01)  
  **A61P 25/28** (2006.01)  
  **A61P 29/00** (2006.01)  
  **C07C 311/60** (2006.01)  
  **C07D 307/93** (2006.01)  
  **C07D 333/78** (2006.01)  
**(87)** WO2021/009567  
**(31)** 62/875,409      **(32)** 17.07.19 (33) US  
**(43)** 21.01.2021  
**(72)** MOHAN, Raju; NUSS, John; HARRIS, Jason; YUAN, Shendong  
**(74)** FB Rice Pty Ltd
- 
- (71)** Z-One and Only Technology Inc.  
**(11)** AU-A-2020312798  
**(21)** 2020312798      **(22)** 10.07.2020  
**(54)** Helical drive mechanism and handle mechanism for wheelchair with helical drive  
**(51)** Int. Cl.  
  **F16H 25/12** (2006.01)  
  **A61G 5/02** (2006.01)  
  **B62M 1/00** (2010.01)  
  **F16H 19/02** (2006.01)  
**(87)** WO2021/009560  
**(31)** 62/965,051      **(32)** 23.01.20 (33) US  
  62/873,734            12.07.19    US  
**(43)** 21.01.2021  
**(72)** ZEViar, Zale; MILLEN, Ben  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** ZURU (Singapore) Pte. Ltd.  
**(11)** AU-A-2020329071  
**(21)** 2020329071      **(22)** 07.08.2020  
**(54)** Gummy confectionery-coated non-edible container  
**(51)** Int. Cl.  
  **A23G 3/56** (2006.01)  
  **B65D 8/00** (2006.01)  
  **B65D 65/46** (2006.01)  
**(87)** WO2021/029826  
**(31)** 756215            **(32)** 09.08.19 (33) NZ

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2019452577	Hangzhou Dac Biotech Co., Ltd.	2020295272	LG Electronics Inc.
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2019453102	NTT DOCOMO, INC.	2020296979	Sorriso Pharmaceuticals Inc.
2019453236	JPMorgan Chase Bank, N.A.	2020298098	Almac Discovery Limited
2019453270	Elekta AB (publ)	2020298104	Università Degli Studi Magna Graecia Catanzaro
2019453912	Westrock Packaging Systems, LLC	2020298299	The Board of Trustees of the Leland Stanford Junior University; The Regents of the University of California; Aarhus University
2019455874	Okumura Co., Ltd.; The Jikei University		Arthrex, Inc.
2019456285	Hill's Pet Nutrition, Inc.		AIM ImmunoTech Inc.
2019456486	Beijing Zhongkuang Innovation Alliance Energy Environment Science Academy	2020298533	M6P Therapeutics (Switzerland) LLC
2019456539	Sumitomo SHI FW Energia Oy	2020298575	Lumen Bioscience, Inc.
2019456662	Beijing Zhongkuang Innovation Alliance Energy Environment Science Academy	2020298626	Ractigen Therapeutics
2019457781	Nippon Telegraph and Telephone Corporation	2020298647	ReOss GmbH
2019457857	Oxford University Innovation Limited	2020298662	WisTa Laboratories Ltd.
2019458186	Samyang Corporation	2020298737	WisTa Laboratories Ltd.
2019458656	Nippon Telegraph and Telephone Corporation	2020298758	Depuy Synthes Products, Inc.
2019458755	Metso Outotec Finland Oy	2020298844	APR Applied Pharma Research, S.A.
2019458884	Shots BV; Deitz, R.	2020298870	Magic Carpet Ltd
2019459048	Sodima; Institut National de la Recherche Agronomique (INRA); Institut des Sciences et Industries du Vivant et de L'environnement	2020298881	Migal Galilee Research Institute Ltd.
2019459146	Qingdao Haier Special Freezer Co., Ltd; Haier Smart Home Co., Ltd.	2020299101	BAE Systems Hägglunds Aktiebolag
2019459427	Metso Outotec Finland Oy	2020299138	Korenko, M.; Swanberg, D.
2019459436	Cavity Sliders Limited	2020299362	eFFECTOR Therapeutics, Inc.
2019459693	Fujitsu Limited	2020299398	Iconic Therapeutics, Inc.; Zymeworks Inc.
2019459826	Qingdao Haier Special Freezer Co., Ltd; Haier Smart Home Co., Ltd.	2020299421	Safran Electronics & Defense
2019460046	Mitsubishi Electric Corporation	2020299430	Ruma GmbH
2019460123	Nokia Technologies Oy	2020299537	Jinx Innovations, LLC
2019460693	Mitsubishi Electric Corporation	2020299544	Ergosurgical Group Corp.
2019460738	Kachirski, B.	2020299593	Aseptic Health, LLC
2019460919	Beijing Dabeinong Biotechnology Co., Ltd.	2020299621	Abiomed, Inc.
2019461015	Dreame Innovation Technology (Suzhou) Co., Ltd.	2020299624	Gen-Probe Incorporated
2019461152	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2020299636	Cornell University
2019462140	Kalvista Pharmaceuticals Limited	2020299711	The Walter and Eliza Hall Institute of Medical Research; University of Washington
2019462206	Micro Motion, Inc.	2020299718	Merck Patent GmbH
2019462312	CG Bio Co., Ltd.	2020299731	Fundacion Para La Investigacion Medica Aplicada; Universidad de Navarra
2019462669	Kalvista Pharmaceuticals Limited	2020299806	Shanxi Keda Automatic Control Co., Ltd
2019462931	Micro Motion, Inc.	2020299808	AAA Packaging Supplies Pty Ltd
2019463015	Sumitomo SHI FW Energia Oy	2020299978	French, A.
2019463579	Bionox Inc.	2020299992	MedImmune Limited
2019464086	Bionox Inc.	2020300002	H. Lundbeck A/S
2019464959	J. van Walraven Holding B.V.	2020300033	Tonix Pharma Limited
2019471000	Electrolux Appliances Aktiebolag	2020300057	Janssen Sciences Ireland Unlimited Company
2019471604	Halliburton Energy Services, Inc.	2020300103	Brecknell, Willis & Co. Limited
2019472431	Halliburton Energy Services, Inc.	2020300106	8 Rivers Capital, LLC
2019473414	Halliburton Energy Services, Inc.	2020300115	Soul Machines Limited
2019477796	Halliburton Energy Services, Inc.	2020300119	Sweet Balance Ltd
2019479017	Halliburton Energy Services, Inc.	2020300258	The National Institute for Biotechnology in the Negev Ltd.
2019479308	Halliburton Energy Services, Inc.	2020300351	Natura Cosméticos S.A.
2020218359	Flyority, LLC	2020300448	AppSar Pty Ltd
2020227119	Nanjing Wurui Biodegradable New Material Research Institute Co., Ltd.	2020300519	Novaphos Inc.
2020227120	Nanjing Wurui Biodegradable New Material Research Institute Co., Ltd.	2020300543	Wright, J.
2020227132	Nanjing Wurui Biodegradable New Material Research Institute Co., Ltd.	2020300545	Eisai R&D Management Co., Ltd.
2020227133	Nanjing Wurui Biodegradable New Material Research Institute Co., Ltd.	2020300689	MX3 Diagnostics, Inc.
2020230889	Adaptica S.r.l.	2020300792	Borah, Inc.
2020245546	Wilson, G.	2020300839	WisTa Laboratories Ltd.
2020281052	Coupage Corp.	2020300851	IPFT Fuels Limited
2020281078	Coupage Corp.	2020301027	Append Medical Ltd.
2020281122	Coupage Corp.	2020301054	Regeneron Pharmaceuticals, Inc.
		2020301156	Deep Forestry AB
		2020301227	Abiomed, Inc.
		2020301289	Shanghai Fudan-Zhangjiang Bio-Pharmaceutical Co., Ltd.
		2020301307	Abiomed, Inc.

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2020301414	PassPort Technologies, Inc.	2020310877	The Regents of the University of California; Consejo Nacional de Investigaciones Científicas y Técnicas
2020301451	Shanghai Jemincare Pharmaceuticals Co., Ltd; Jiangxi Jemincare Group Co., Ltd	2020311058	Soul Machines Limited
2020301519	thyssenkrupp Industrial Solutions AG; thyssenkrupp AG	2020311064	Evoca S.p.A.
2020301616	Ceva Sante Animale	2020311280	Boehringer Ingelheim Vetmedica GmbH; University of Georgia Research Foundation, Inc.
2020301853	Hallett, D.; Willis, D.	2020311298	Boyle, T.
2020302101	CareFusion 303, Inc.	2020311304	Aero Manufacturing Ltd.
2020302118	Kymera Therapeutics, Inc.	2020311356	Tangible Play, Inc.
2020302861	Virovek, Inc.	2020311360	Tangible Play, Inc.
2020302901	Abiomed, Inc.	2020311551	Anticimex Innovation Center A/S
2020302908	Figene, LLC	2020311620	Sofar S.p.A.
2020302965	Frameplay Corp; Low Latency Media Pty Ltd	2020311623	Soul Machines Limited
2020303019	Hongtaosim Research Institute of Analytical Science and Technology Ltd. Co.	2020311822	Forrest, F.
2020303279	Janssen Pharmaceutica NV	2020311826	Cabot, J.P.
2020303297	Ceva Sante Animale	2020311867	Ballet Global Inc.
2020303706	CareFusion 303, Inc.	2020311922	Synergy Biomedical, LLC
2020303728	Terra CO2 Technology Holdings, Inc.	2020311942	Praxis Precision Medicines, Inc.
2020303885	Lineage Logistics, LLC	2020312071	Pacarada, E.; Pacarada, E.
2020303900	CareFusion 303, Inc.	2020312126	Haldor Topsøe A/S
2020303905	Waks, E.; Shapiro, B.	2020312168	Integrated Solar
2020303907	Dynamic Biologics Inc.	2020312182	Thales
2020304139	CAFA Therapeutics Limited	2020312367	Korea Research Institute of Bioscience and Biotechnology
2020304626	Vinger, F.	2020312647	Scenic Immunology B.V.
2020304652	Phibro Animal Health Corporation; Life Science Research Israel Ltd.	2020312650	PPG Europe B.V
2020304908	Empirical ApS	2020312708	Emblation Limited
2020304950	DePuy Synthes Products, Inc.	2020312779	IT's Brain; Centre National de la Recherche Scientifique; Université Paris-Saclay
2020305019	ResMed Pty Ltd	2020312798	Z-One and Only Technology Inc.
2020305579	LG Electronics Inc.	2020312800	Zomagen Biosciences Ltd
2020305669	Beijing Bytedance Network Technology Co., Ltd.	2020312848	Bilberry SAS
2020306139	Shanghai Pharmaceuticals Holding Co., Ltd.	2020312907	Universidade de São Paulo - USP; Universidade de Coimbra - UC
2020306580	Sanofi	2020313310	AstraZeneca AB
2020307169	Grafoid Inc.	2020313352	Svitzer A/S
2020307327	DePuy Synthes Products, Inc.	2020313389	IDEAMIL France
2020307342	Cilag GmbH International	2020313915	Tempus Labs
2020307528	Johnson Controls Fire Protection LP	2020313947	Beta Bionics, Inc.
2020307555	Diverse Biotech, Inc.	2020314129	Shanghai Junshi Biosciences Co., Ltd.; Suzhou Junmeng Biosciences Co., Ltd.
2020307670	Charco Neurotech Ltd	2020314137	Innovo Biologics (Suzhou) Co., Ltd.
2020308099	H & M Innovations, LLC	2020314167	Romano, S.
2020308283	Guangzhou Maxinovel Pharmaceuticals Co., Ltd.	2020314186	Zomagen Biosciences Ltd
2020308531	Koninklijke Philips N.V.	2020314490	Huawei Technologies Co., Ltd.
2020308683	Grafren AB	2020314733	SharkNinja Operating LLC
2020308795	Idemitsu Kosan Co., Ltd.	2020314752	Beta Bionics, Inc.
2020308965	Ron Allum Deepsea Services Pty Ltd	2020314798	Baker Heart and Diabetes Institute
2020309309	Thales	2020314831	Beta Bionics, Inc.
2020309326	Kureha Corporation	2020315029	Realsee (Beijing) Technology Co., Ltd.
2020309373	Suntory Holdings Limited	2020315039	Liu, S.
2020309485	Braime Group PLC	2020315120	Haldor Topsøe A/S
2020309511	Wong, Y.	2020315171	Orion Corporation
2020309528	Selfie Snapper, Inc.	2020315192	2692372 Ontario, Inc.; Dunad Therapeutics Ltd.
2020309531	Tangible Play, Inc.	2020315266	Rise Gardens Inc.
2020309595	The Cleveland Clinic Foundation; New Cos Inc.	2020315288	Capital One Services, LLC
2020309602	Clara Foods Co.	2020315365	Truck Accessories Group, LLC
2020309681	Nuo-Beta Pharmaceutical Technology (Shanghai) Co., Ltd.	2020315389	Ergon, Inc.
2020309724	Limagraine Europe; Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement; Centre National de la Recherche Scientifique	2020315424	Itron, Inc.
2020309758	Medigene Immunotherapies GmbH	2020315472	West Virginia University
2020309837	Takeda Pharmaceutical Company Limited	2020315498	Hagepe International B.V.; Cenergist Limited
2020309839	Soul Machines Limited	2020315558	Capital One Services, LLC
2020310037	Academisch Ziekenhuis Leiden (h.o.d.n. LUMC)	2020315596	AMDT Holdings, Inc.
2020310078	Assess Threat Pty Ltd	2020315604	CareFusion 303, Inc.
2020310190	Cura Therapeutics, LLC	2020315729	MaxQ Research LLC
2020310207	Aquea Health, Inc.	2020315740	Equifax Inc.
2020310211	StenCo, LLC	2020315775	Pascal Biosciences (US), Inc.
2020310275	Vivo Mobile Communication Co., Ltd.	2020315796	Memorial Sloan-Kettering Cancer Center; Sloan-Kettering Institute for Cancer Research; Memorial Hospital for Cancer and Allied Diseases
2020310582	Worg Pharmaceuticals (Hangzhou) Co., Ltd.	2020315802	ImmuneSensor Therapeutics Inc.; The Board of Regents of The University of Texas System
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2020316072	Constellation Pharmaceuticals, Inc.	2020319829	DNA Script
2020316082	Everything Blockchain Technology Corp.	2020319842	Nürnberg, M.
2020316202	LG Electronics Inc.	2020319870	Mars, Incorporated
2020316239	Agriculture Victoria Services Pty Ltd; Dairy Australia Limited; Geoffrey Gardiner Dairy Foundation Limited	2020319876	ModernaTX, Inc.
2020316241	Thomson, S.	2020319888	Praetego, Inc.
2020316255	Sheldon, B.	2020319890	ResMed Corp.
2020316264	Holmes Solutions Limited Partnership	2020319897	Janssen Biotech, Inc.
2020316364	Angion Biomedica Corp.	2020319899	New York University; PureTech LYT, Inc.
2020316421	Veridium IP Limited	2020319911	Mpeg LA, L.L.C.
2020316424	Yo-Kai Express Inc.	2020319936	Toigo Importadora E Distribuidora De Sistemas Automotivos Ltda.
2020316519	Implicit Bioscience Limited	2020319963	JFE Engineering Corporation
2020316548	Beijing Bytedance Network Technology Co., Ltd.; Byte-Dance Inc.	2020320037	Nicoventures Trading Limited
2020316632	Vifor (International) AG	2020320115	Sea4Us - Biotecnologia e Recursos Marinhos, Lda.
2020316928	Herrenknecht AG	2020320131	CMA Macchine Per Caffe' S.r.l.
2020316931	Nanomi, B.V.	2020320133	Kandin, P.
2020317048	Fisher & Paykel Appliances Limited	2020320135	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
2020317057	Agriculture Victoria Services Pty Ltd	2020320149	Komatsu Ltd.
2020317068	Anaergia Inc.	2020320210	Larimar Therapeutics, Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Services
2020317099	Sun Pharma Advanced Research Company Limited	2020320451	Rubicon Research Pty Ltd
2020317239	Guangzhou Cas Lamvac Biotech Co., Ltd	2020320452	Red Eight Produce Pty Ltd
2020317327	Huawei Digital Power Technologies Co., Ltd.	2020321002	Beijing Bytedance Network Technology Co., Ltd.; Byte-Dance Inc.
2020317371	Agriculture Victoria Services Pty Ltd; Dairy Australia Limited; Geoffrey Gardiner Dairy Foundation Limited	2020321043	Evoqua Water Technologies LLC
2020317542	Remedius Limited	2020321045	Production Resource Group, L.L.C.; Mike-O-Matic Industries LLC
2020317609	Bayer Aktiengesellschaft	2020321235	DEKA Products Limited Partnership
2020317631	Vifor (International) AG	2020321328	Electrolux Appliances Aktiebolag
2020317754	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude	2020321382	Incube Labs, LLC
2020317780	Ampsource Biopharma Shanghai Inc.	2020321397	Caterpillar Inc.
2020317857	HP1 Technologies Limited	2020321422	SparkCognition, Inc.
2020317863	The Council of the Queensland Institute of Medical Research	2020321450	Agemos AG
2020317987	Forsite Diagnostics Limited	2020321513	FIMECS, Inc.
2020317995	Kleener Power Solutions Oy	2020321667	GW Research Limited
2020318082	Sumitomo Metal Mining Co., Ltd.	2020321680	Cellix Bio Private Limited
2020318106	Huawei Technologies Co., Ltd.	2020321713	Eni S.p.A.
2020318112	WuXi Biologics Ireland Limited	2020321715	North-West University
2020318124	Pegasus Industrial Limited	2020321718	Equashield Medical Ltd.
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2020318336	Hieronimi, C.	2020321843	Damar Industries Limited
2020318571	Agriculture Victoria Services Pty Ltd; Dairy Australia Limited; Geoffrey Gardiner Dairy Foundation Limited	2020321880	Mayo Foundation for Medical Education and Research
2020318574	Agriculture Victoria Services Pty Ltd.	2020321901	The Trustees of Indiana University
2020318575	Agriculture Victoria Services Pty Ltd; Dairy Australia Limited; Geoffrey Gardiner Dairy Foundation Limited	2020321953	Deverra Therapeutics Inc.
2020318576	Agriculture Victoria Services Pty Ltd.; Dairy Australia Limited; Geoffrey Gardiner Dairy Foundation Limited	2020321970	NXT Biomedical, LLC
2020318633	Luca Science Inc.	2020321977	Eli Lilly and Company
2020318643	LG Electronics Inc.	2020321986	ioXt, LLC
2020318679	Biosynth AG	2020322198	ioXt, LLC
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2020318816	National Oilwell Varco, L.P.	20203222064	LEX Diagnostics Ltd
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2020318880	Yoto Limited	20203222131	Dendrogenix
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2020322476	Nymox Corporation	2020325652	Feltwood Ecomateriales, S.L.
2020322553	Huawei Technologies Co., Ltd.	2020325675	The University Court of the University of Edinburgh
2020322642	BASF Coatings GmbH	2020325691	BASF SE
2020322765	Ono Pharmaceutical Co., Ltd.	2020325756	3M Innovative Properties Company
2020322791	Great Plains Manufacturing, Inc.	2020325802	Eggli, S.
2020322869	Vivo Mobile Communication Co., Ltd.	2020325950	De' Longhi Appliances S.r.l.
2020322893	Wuxi Hisky Medical Technologies Co., Ltd.	2020325952	L'Air Liquide Societe Anonyme Pour L'Etude et L'Exploitation des Procedes Georges Claude
2020322972	Qingdao KingAgroot Chemical Compound Co., Ltd.	2020325953	L'Air Liquide Societe Anonyme Pour L'Etude et L'Exploitation des Procedes Georges Claude
2020323128	Nuovo Pignone Tecnologie - S.r.l.	2020325996	Plantics Holding B.V.
2020323180	BASF Coatings GmbH	2020326147	Grove Design (Pembroke) Limited
2020323283	Asahi Kasei Kabushiki Kaisha	2020326153	BASF Coatings GmbH
2020323301	FRANKIE4 IP 1 PTY LTD	2020326154	BASF Coatings GmbH
2020323457	Toray Industries, Inc.	2020326174	Bayer Aktiengesellschaft
2020323473	Cubic Corporation	2020326361	Northwestern University
2020323514	Advanced Solutions Holdings, LLC	2020326391	Azionaria Costruzioni Macchine Automatiche A.C.M.A. S.p.A.
2020323543	Aptinyx Inc.; Northwestern University	2020326394	Zodiac Pool Care Europe
2020323596	Provention Bio, Inc.	2020326429	Alteryx, Inc.
2020323679	Randox Laboratories Ltd; Randox Teoranta	2020326453	Multigate Medical Products Pty Ltd
2020323728	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude	2020326454	Envirostream Solutions Pty Ltd
2020323771	Unitec S.p.A.	2020326540	Packsize LLC
2020323846	Saol International Research Ltd.	2020326547	The Trustees of Princeton University; The Board of Trustees of the Leland Stanford Junior University; Uni- versity of York; Howard Hughes Medical Institute
2020323852	WestRock MWV, LLC	2020326552	Eli Lilly and Company
2020323897	Georgia Tech Research Corporation	2020326600	Hazan, S.
2020323901	Amgen Inc.	2020326620	Intervet International B.V.
2020323937	Regeneron Pharmaceuticals, Inc.	2020326625	Tesla, Inc.
2020324023	Ajinomoto Co., Inc.	2020326629	Mars, Incorporated
2020324166	Vivo Mobile Communication Co., Ltd.	2020326630	Firefly Automatix, Inc.
2020324275	L'Air Liquide Societe Anonyme Pour l'Etude et l'Exploitation des Procedes Georges Claude	2020326698	Seer, Inc.
2020324281	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude	2020326709	University of Pittsburgh - of the Commonwealth System of Higher Education
2020324375	Hot Tub Products, LLC	2020326737	Mondi Products Ltd.
2020324386	Monsanto Technology LLC	2020326762	The University of North Carolina at Chapel Hill
2020324388	Mersana Therapeutics, Inc.	2020327007	Human Mode, LLC
2020324404	Mars, Incorporated	2020327031	W. L. Gore & Associates, Inc.
2020324416	Boston Scientific Neuromodulation Corporation	2020327034	William Marsh Rice University
2020324435	PTC Therapeutics MP, Inc.; Virginia Commonwealth University	2020327043	Cedars-Sinai Medical Center
2020324465	W. L. Gore & Associates, Inc.	2020327155	Boston Scientific Scimed, Inc.
2020324512	thyssenkrupp Industrial Solutions AG; thyssenkrupp AG	2020327160	Colgate-Palmolive Company
2020324515	Immatics Biotechnologies GmbH	2020327218	The Yokohama Rubber Co., Ltd.
2020324520	BASF Coatings GmbH	2020327321	Nippon Light Metal Company, Ltd.; National Institute of Advanced Industrial Science and Technology
2020324525	JH Holding GmbH	2020327357	Qualcomm Incorporated
2020324765	Denka Company Limited; National University Corpora- tion Kumamoto University	2020327501	Shandong Luye Pharmaceutical Co., Ltd.
2020324963	Amgen Inc.	2020327511	GIRM Biosafety Technology Co. Ltd.
2020324970	Evelo Biosciences, Inc.	2020327571	Deutsches Zentrum für Luft- und Raumfahrt e.V.
2020324974	Arrowhead Pharmaceuticals, Inc.	2020327659	Oxford University Innovation Limited; United Kingdom Research and Innovation; Association Institut De My- ologie; INSERM (Institut National de la Sante et de la Recherche Medicale); Sorbonne Universite
2020325014	Monsanto Technology LLC	2020327661	Artios Pharma Limited
2020325031	Ampacet Corporation	2020327675	Healx Ltd
2020325035	The Regents of the University of California	2020327903	Carolina Truffières LLC
2020325050	United States Steel Corporation	2020327938	Troy Corporation
2020325062	Miles, S.	2020327944	Locus IP Company, LLC
2020325084	Dexterous Robotics, Inc.	2020328012	Keeson Technology Corporation Limited
2020325143	Daichi Sankyo Company, Limited	2020328090	Unicontrol ApS
2020325197	LSI Solutions, Inc.	2020328208	Kalvista Pharmaceuticals Limited
2020325208	Amgen Inc.	2020328215	FUJIFILM Diosynth Biotechnologies UK Limited
2020325223	Drumblaster Technology Pty Ltd	2020328461	Cryoshelter GmbH
2020325303	Treace Medical Concepts, Inc.	2020328554	Equalaire Systems, Inc.
2020325311	Ibex Biosciences, LLC	2020328586	Covidien LP
2020325415	Innoven Biologics (Suzhou) Co., Ltd.; Beijing Hanmi Pharmaceutical Co., Ltd.	2020328707	The National Institutes of Pharmaceutical R&D Co., Ltd
2020325493	L'Air Liquide Societe Anonyme Pour l'Etude et l'Exploitation des Procedes Georges Claude	2020328964	Kawasaki Jukogyo Kabushiki Kaisha
2020325505	BASF SE	2020329062	AKVA Group ASA
2020325517	H. Lundbeck A/s		
2020325562	Immatics Biotechnologies GmbH		
2020325569	GlaxoSmithKline Biologicals SA		
2020325590	Elekta Limited		

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2020329071	ZURU (Singapore) Pte. Ltd.	2020336255	Rebound Therapeutics Corporation
2020329080	Williames Tea Pty Ltd	2020336268	Rebound Therapeutics Corporation
2020329194	Children's Hospital Medical Center	2020336343	Colgate-Palmolive Company
2020329216	AskGene Pharma, Inc.	2020336740	Metisa Biotechnology Co., Ltd.
2020329226	ModernaTX, Inc.	2020336866	SNIPR Biome ApS.
2020329576	Hempel A/S	2020337330	Boston Scientific Scimed, Inc.
2020329609	Idorsia Pharmaceuticals Ltd	2020337342	United Therapeutics Corporation
2020329611	Schenck Process Europe GmbH	2020337417	Children's Hospital Medical Center
2020329751	University of Florida Research Foundation, Incorporated	2020337430	Colgate-Palmolive Company
		2020337927	Netflix, Inc.
2020329775	Tesoxr Pharma, LLC	2020338053	Reflex Instruments Asia Pacific Pty Ltd
2020329923	Peptinovo Biopharma Inc.	2020338055	The University of Western Australia
2020329966	Flaskworks, LLC	2020338266	B. Braun Melsungen AG
2020330299	Garrison, G.A.L.	2020338412	Alcon Inc.
2020330527	Tenshi Kaizen Private Limited	2020338765	Metisa Biotechnology Co., Ltd
2020330857	CorNeat Vision Ltd.	2020338968	Alcon Inc.
2020330977	Equalaire Systems, Inc.	2020340195	Solbello, Inc.
2020331035	Axogen Corporation	2020340234	Avent, Inc.
2020331301	The Board of Trustees of the Leland Stanford Junior University; The United States Government as represented by The Department of Veterans Affairs	2020341109	Healx Ltd
2020331330	BiSiChem Co., Ltd.	2020341540	Boston Scientific Scimed Inc.
2020331398	Dragox Pty Ltd	2020343400	Abiomed Europe GmbH
2020331403	Cryoshelter GmbH	2020343816	Seasons Biotechnology (Taizhou) Co., Ltd.
2020331404	DB Results Pty Ltd	2020343894	Meyer Burger (Germany) GmbH
2020331418	Molo Design, Ltd.	2020344228	Alcon Inc.
2020331547	Saint-Gobain Glass France	2020344501	Valmont Industries, Inc.
2020331720	Kalvista Pharmaceuticals Limited	2020345646	Phornano Holding GmbH; Instituto Federal De Educação, Ciência E Tecnologia Do Sertão Pernambucano
2020331723	Cyclacel Limited	2020345655	Boehringer Ingelheim IO Canada, Inc.
2020331804	Tech Corporation Co., Ltd.	2020345913	Genentech, Inc.
2020331879	Merus N.V.	2020346961	Illumina, Inc.
2020331969	Eden Innovations Ltd.	2020347285	Illumina, Inc.
2020331993	University of Maryland, College Park	2020347524	Prevayl Innovations Limited
2020332074	Sentec Ltd; Sensus Spectrum LLC	2020348373	Cue Biopharma, Inc.
2020332113	Fujikura Ltd.	2020348393	Genentech, Inc.
2020332174	HAVApp Pty Ltd	2020348655	S&C Electric Company
2020332245	Husqvarna AB	2020348761	AxoGen Corporation
2020332268	Trustees of Tufts College	2020348838	Graphic Packaging International, LLC
2020332304	Duke University; Enzyvant Therapeutics, Inc.	2020350182	Alcon Inc.
2020332618	Nihon Medi-Physics Co., Ltd.	2020350501	S&C Electric Company
2020332839	Geissler Companies, LLC	2020350568	Rhodia Operations
2020333037	Mackool, R.	2020350575	Humphreys, J.
2020333165	EnBW Energie Baden-Württemberg AG	2020351088	Valmont Industries, Inc.
2020333222	Kalvista Pharmaceuticals Limited	2020351159	Dana-Farber Cancer Institute, Inc.
2020333225	Cyclacel Limited	2020351421	National University Corporation Kobe University; FujiClean Co., Ltd.; The Chugoku Electric Power Co., Inc.
2020333519	Streamlight, Inc.		
2020333539	Netflix, Inc.	2020352396	Traktionssysteme Austria GmbH
2020333658	Netflix, Inc.	2020352974	Ecolab USA Inc.
2020333659	H. Lee Moffitt Cancer Center and Research Institute Inc.	2020352977	Netflix, Inc.
2020333667	Massachusetts Institute of Technology	2020352993	Mars, Incorporated
2020333754	Baylor University	2020353279	Katholieke Universiteit Leuven
2020333961	Targus International LLC	2020354640	Ecolab USA Inc.
2020334051	Boston Scientific Scimed Inc.	2020355837	Novartis AG
2020334184	Medartis Holding AG	2020356326	Insight SA
2020334194	Adams, V.; Labeit, S.	2020357468	DeLaval Holding AB
2020334287	GammaDelta Therapeutics Limited	2020358073	Boston Scientific Scimed Inc.
2020334346	Liva Bio Protection Technologies Ltd	2020360709	TOLREMO therapeutics AG
2020334462	Modalis Therapeutics Corporation	2020362862	Amiblu Technology AS
2020334602	Techtronic Cordless GP	2020363865	Windtree Therapeutics, Inc.
2020334866	Harbison Walker International, Inc.	2020364083	JCM American Corporation
2020334882	IGM Biosciences, Inc.	2020364174	Boulder Creek Technologies, LLC
2020334893	H. Lee Moffitt Cancer Center and Research Institute Inc.; Regents Of The University Of Minnesota	2020364595	Citrix Systems, Inc.
2020334993	Eli Lilly and Company	2020366736	Morinaga Milk Industry Co., Ltd.
2020335104	Ets Dubrule; Bilberry SAS	2020368411	Boston Scientific Scimed, Inc.
2020335152	SMA Solar Technology AG	2020370599	Netflix, Inc.
2020335171	InDex Pharmaceuticals AB	2020372246	Freeport-McMoRan Inc.
2020335858	Tyaglin, D.	2020372816	TerraPower, LLC
2020335965	Beaver, P.	2020373174	Farmers Edge Inc.
2020336128	Research Triangle Institute	2020376136	thyssenkrupp Marine Systems GmbH; thyssenkrupp AG
2020336131	Allogene Therapeutics, Inc.	2020381902	Panasonic Intellectual Property Corporation of America
		2020385329	Efaflex Inženiring d.o.o. Ljubljana

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

2020388505	Gärdus, R.
2020388523	Boston Scientific Scimed, Inc.
2020406176	Guangzhou Xaircraft Technology Co., Ltd.
2020407298	Element Six (UK) Limited
2020409002	Halliburton Energy Services, Inc.
2020410838	Boston Scientific Scimed, Inc.
2020423747	Nippon Steel Corporation; Vallourec Oil and Gas France
2020423748	Nippon Steel Corporation; Vallourec Oil and Gas France
2020425095	Bulut, R.
2020432116	Mitsubishi Heavy Industries, Ltd.
2020449441	SENSEE, Inc.
2020459971	Bettergy Corp.; The Research Foundation for the State University of New York
2020460273	Huawei Technologies Co., Ltd.
2021211356	Vaholmen Voc Recovery AS
2021221922	Effortless Oxygen, LLC
2021230398	3ME Technology Pty Ltd
2021231264	LG Energy Solution, Ltd.
2021243424	Mitsubishi Heavy Industries, Ltd.
2021245153	Cellengene Inc
2021253926	Akston Biosciences Corporation
2021258384	Daimler AG
2021261460	Daimler AG
2021265924	Shanghai Shineroad Automobile Technology Co., Ltd.
2021267818	Bold Limited
2021277745	Walkme Ltd.
2021291728	Ontario Institute for Cancer Research (OICR)
2021301341	Sinn, J.
2021305575	Neuracle Genetics Inc.

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<u>A01B 79 /-</u>	<u>A01H 6 /-</u>	<u>A01N 59 /-</u>	2020326629 2020329071	<u>A23N 15 /-</u>	<u>A47B 81 /-</u>
2020312848	2020309724	2020299593		2020323771	2020311822
<u>A01D 34 /-</u>	<u>A01K 1 /-</u>	<u>A01N 63 /-</u>	2020324404	<u>A23N 3 /-</u>	<u>A47B 96 /-</u>
2020326630	2020311298	2020308795		2020323771	2020331418
2020332245	2020357468	2020316239 2020317057	<u>A23G 7 /-</u>	2020334346	<u>A47C 1 /-</u>
<u>A01D 46 /-</u>	<u>A01K 61 /-</u>	2020317371	2020324404	<u>A23P 20 /-</u>	2019460738
2020329080	2020329062	2020318575 2020318576	<u>A23J 1 /-</u>	2020334346	<u>A47C 17 /-</u>
<u>A01D 78 /-</u>	<u>A01K 67 /-</u>	<u>A01P 13 /-</u>	2020309602	<u>A24B 15 /-</u>	2020328012
2020311304	2020300119	2019460919	<u>A23J 3 /-</u>	2020320037	<u>A47C 19 /-</u>
	2020348373	2020322972	2019459048	<u>A24F 47 /-</u>	2020319236
<u>A01D 89 /-</u>	<u>A01M 21 /-</u>	2020350568	2020309602	2020320037	
2020311304		<u>A01P 17 /-</u>	2020324023		<u>A47C 20 /-</u>
<u>A01D 90 /-</u>	2020312848	2019460919	<u>A23K 10 /-</u>	<u>A41C 3 /-</u>	2020319236
2020373174	<u>A01M 23 /-</u>	<u>A01P 21 /-</u>	2020300119	2020347524	<u>A47C 21 /-</u>
<u>A01G 18 /-</u>	2020311551	2020309326	<u>A23K 20 /-</u>	<u>A41D 1 /-</u>	2020298880
2020327903	<u>A01M 7 /-</u>	<u>A01P 3 /-</u>	2020322151	2020347524	<u>A47C 4 /-</u>
<u>A01G 20 /-</u>	2020312848	2020308795	<u>A23K 50 /-</u>	<u>A41D 27 /-</u>	2020331418
2020332245	<u>A01M 9 /-</u>	2020327938	2019456285	2020347524	<u>A47F 5 /-</u>
<u>A01G 23 /-</u>	2020312848	<u>A01P 7 /-</u>	2020300119 2020322151	<u>A41D 31 /-</u>	2020311822
2020319842	<u>A01N 25 /-</u>	2020317609 2020326174	2020352993	2020322455	<u>A47F 7 /-</u>
	2020299593	2020336740	<u>A23L 15 /-</u>	<u>A43B 11 /-</u>	
<u>A01G 25 /-</u>	2020308795	<u>A22B 7 /-</u>	2020309602	2020322008	2020311822
2020344501	2020309326				<u>A47G 23 /-</u>
	2020350568	2020320452	<u>A23L 19 /-</u>	<u>A43B 13 /-</u>	
<u>A01G 31 /-</u>	<u>A01N 33 /-</u>	<u>A22C 17 /-</u>	2020309602	2020323301	2020311822
2020315266	2020299593	2020320452	2020334346	<u>A43B 17 /-</u>	<u>A47J 17 /-</u>
<u>A01G 9 /-</u>	<u>A01N 37 /-</u>	<u>A22C 18 /-</u>	<u>A23L 2 /-</u>	2020323301	2020316424
2020326737	2020336740	2020320452	2020300115		<u>A47J 27 /-</u>
2020356326			2020309602	<u>A43B 23 /-</u>	
<u>A01H 1 /-</u>	<u>A01N 43 /-</u>	<u>A23B 4 /-</u>	<u>A23L 21 /-</u>	2020322008	2020316424
2019460919	2020309326	2020319805	2020309602	<u>A43B 3 /-</u>	<u>A47J 31 /-</u>
2020325014	2020317609				
	2020318764	<u>A23B 7 /-</u>	<u>A23L 27 /-</u>	2020322008	2020311064
<u>A01H 17 /-</u>	2020322972				2020320131
	2020325505	2020334346	2019459048	<u>A43B 7 /-</u>	2020325950
2020316239	2020326174	2020300115			
2020317057	2020338765	<u>A23D 9 /-</u>	2020309602	2020323301	<u>A47J 37 /-</u>
2020317371	<u>A01N 47 /-</u>	2020326629	<u>A23L 29 /-</u>		2020314733
2020318575				<u>A43C 11 /-</u>	2020316424
2020318576	2020322972	<u>A23F 5 /-</u>	2019458186	2020322008	2020319805
2020327903	2020327938	2020300115			2020323514
<u>A01H 3 /-</u>	<u>A01N 55 /-</u>	2020309373	<u>A23L 33 /-</u>	<u>A45F 5 /-</u>	<u>A47J 42 /-</u>
2020317057	2020327938	<u>A23G 1 /-</u>	2019459048	2020299537	2020320131
<u>A01H 5 /-</u>	<u>A01N 57 /-</u>	2020324404	2020300115	<u>A47B 73 /-</u>	<u>A47K 13 /-</u>
2019460919	2020350568	<u>A23G 3 /-</u>	2020309602	2020311822	2020316241
2020325014		2020334346	2020314798		
		2020366736	2020334346		
		2021301341	2021301341		

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<b>A47K 17 /-</b>	2020300545	<b>A61H 23 /-</b>	2020319888	2021245153	2020315775
	2020301227		2020320115	2021301341	2020316072
2020316241	2020305019	2020307670	2020321513		2020316519
	2020312779		2020321667	<b>A61K 36 /-</b>	2020316632
<b>A47L 11 /-</b>	2020314831	<b>A61H 33 /-</b>	2020321680		2020317239
	2020319890		2020321880	2020300258	2020317631
2019461015	2020324416	2020324375	2020322131	2020327944	2020321513
	2020332174		2020322170		2020322231
<b>A47L 15 /-</b>	2020332839	<b>A61H 7 /-</b>	2020322218		2020322440
	2020336268		2020322231	<b>A61K 38 /-</b>	2020324765
2019471000		2019458884	2020322465		2020336128
<b>A47L 9 /-</b>	<b>A61B 50 /-</b>	<b>A61H 9 /-</b>	2020323543	2019463579	
			2020323846	2020299636	<b>A61K 47 /-</b>
2020316202	2020325197	2019458884	2020324388	2020299978	
2020318643	2020348761		2020324435	2020301027	2019452577
<b>A61B 1 /-</b>	<b>A61B 8 /-</b>	<b>A61J 1 /-</b>	2020324765	2020310037	2020291242
			2020324963	2020310854	2020298098
2020332839	2020322893	2020301616	2020325035	2020315796	2020301289
2020336255		2020321718	2020325143	2020316519	2020303907
2020336268	<b>A61B 90 /-</b>	<b>A61J 7 /-</b>	2020326552	2020317780	2020307555
			2020326762	2020319012	2020309837
<b>A61B 10 /-</b>	2020325197	2020302101	2020327501	2020321901	2020312907
	2020328586	2020303706	2020327661	2020322014	2020313310
2020300545	2020336255	2020303900	2020327675	2020322415	2020315802
2020308099	2020336268		2020327944	2020322476	2020316005
2020318950		<b>A61C 8 /-</b>	2020328208	2020323543	2020319876
2020326453			2020328707	2020324386	2020322170
2020388523	2020298662	2019462140	2020329609	2020326361	2020322440
<b>A61B 17 /-</b>	<b>A61D 13 /-</b>	2019463579	2020330527	2020327043	2020323846
		2019464086	2020331330	2020329923	2020323897
2019452937	2020332839	2020298557	2020331723	2020331879	2020324765
2019455874		2020298647	202033222	202033754	2020325569
2020298533	<b>A61F 2 /-</b>	2020298737	2020333225	2020351159	2020327034
2020299544		2020298758	2020334194	2021253926	2020327659
2020300851	2019462312	2020299362	2020335171		2020329216
2020304950	2020298533	2020299992	2020336128	2019464086	2020329923
2020307327	2020298662	2020300033	2020337342	2020298104	2020343816
2020307342	2020298844	2020300543	2020341109	2020300002	
2020308099	2020310207	2020300689	2020343816	2020301027	
2020311826	2020311826	2020300792	2020348373	2020302861	2019463579
2020315596	2020319816	2020301414	2020355837	2020304652	2020298575
2020319816	2020321382	2020301451	2020360709	2020309758	2020298647
2020321382	2020324465	2020302118	2020363865	2020311942	2020299718
2020321970	2020325802	2020303279	2021301341	2020314129	2020322415
2020325197	2020327155	2020303297		2020315775	2020323897
2020325303	2020333037	2020303907	<b>A61K 33 /-</b>	2020316005	2020326361
2020326453	2020337330	2020306139		2020317239	2020333667
2020328586	2020338412	2020307555	2020298870	2020317863	2020351159
2020334184	2020338968	2020308283	2020309681	2020318112	
2020336255			2020316072	2020319876	<b>A61K 51 /-</b>
2020336268	<b>A61F 5 /-</b>	2020309837		2020319897	
2020368411		2020310190	<b>A61K 35 /-</b>	2020321680	2020299138
	2020323301	2020311280		2020322765	2020319963
<b>A61B 18 /-</b>	<b>A61F 9 /-</b>	2020312367	2019463579		
		2020312647	2019464086	2020324515	<b>A61K 8 /-</b>
2020312708		2020312800	2020299624	2020325569	
2020327031	2020310207	2020312907	2020300119	2020331879	2020300258
2020410838	2020333037	2020313310	2020300519	2020333659	2020327160
	2020350182	2020314186	2020302908	2020345655	2020336343
<b>A61B 3 /-</b>	<b>A61G 5 /-</b>	2020314798	2020310037	2020345913	2020337430
		2020315192	2020311620	2021253926	<b>A61K 9 /-</b>
2020230889	2019460738	2020315985	2020315796	2021301341	
<b>A61B 34 /-</b>	2020312798	2020316072	2020321953	2021305575	2020291242
		2020316364	2020324970		2020302908
2020307327	<b>A61H 19 /-</b>	2020316632	2020326709	<b>A61K 45 /-</b>	2020303279
2020328586		2020316931	2020332304		2020303907
<b>A61B 5 /-</b>	2019458884	2020317099	2020333754		2020309681
		2020317609	2020334287		2020310854
		2020317631	2020348373		2020302908
2020299430		2020319164	2020366736		2020311280

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2020319876	<u>A61M 39 /-</u>	2020313310		2020315802
2020321382		2020316632	<u>A61P 29 /-</u>	2020316072
2020321680	2020306580	2020317631		2020317099
2020323897	2020321382	2020319164	2019462140	2020317239
2020325415	2020325756	2020319888	2019462669	2019462669
2020325569		2020324765	2020300689	2020317863
2020327034	<u>A61M 5 /-</u>		2020319899	2020301451
2020327675		<u>A61P 17 /-</u>	2020314186	2020312153
2020327944	2020306580		2020322218	2020312800
2020329775	2020310207	2020324765	2020324765	2020314186
2020330527	2020313947	2020300689	2020328208	2020322231
2020343816	2020323937	2020303297	2020329609	2020322415
		2020324970	2020331720	2020324388
			202033222	2020324963
	<u>A61L 17 /-</u>		202033222	2020324765
2020307342	<u>A61M 60 /-</u>	<u>A61P 19 /-</u>	2020325035	2020331720
				2020333222
2020301156	2020300689		2020325143	2020337342
<u>A61L 2 /-</u>	2020301227	2020324765	2020327661	2020363865
	2020301307			2020328707
2020301616	2020302901	<u>A61P 21 /-</u>	2020312800	2020329923
	2020314167		2020314186	2020331330
<u>A61L 27 /-</u>	2020334051		2020314798	2020331723
	2020341540	2020323846	2020317780	2020331879
2019462312	2020343400	2020324765	2020319164	2020336343
2020311922	2020358073	2020327659	2020319888	2020337430
2020324525		2020334194	2020320115	2020345655
2020330857	<u>A61N 1 /-</u>	<u>A61P 23 /-</u>	2020324388	2020355837
2020331035			2020324765	20203600258
2020348761	2020230889	2020324765	2020367079	<u>A61Q 19 /-</u>
	2020317542			2020300258
<u>A61L 29 /-</u>	2020321382	<u>A61P 25 /-</u>	2020326552	2020327160
	2020322472		<u>A61P 31 /-</u>	
2020312907	2020324416	2019462140	2019452577	20203299636
2020327031	2020326361	2019462669	2020300002	<u>A61Q 7 /-</u>
		2020298737	2020300689	2020300258
<u>A61L 31 /-</u>	<u>A61N 5 /-</u>	2020298758	20203003297	202030297
		2020299718	2020300033	2020312800
2020311922	2019453270	2020299992	2020317863	2020316005
	2020325590	2020300792	2020322416	2020317239
<u>A61M 1 /-</u>	2020327031	2020309681	2020324388	2021221922
		2020310190	2020319897	2020331720
2020308099	<u>A61N 7 /-</u>	2020310854	2020324765	20203319897
2020310207		2020312800	202033222	20203323897
2020314752	2020301227	2020314186	2020333754	2020324388
2020315988		2020316519	2020333754	2020324765
<u>A61M 15 /-</u>	<u>A61P 1 /-</u>	2020319888	2021253926	2021231264
		2020320115	2021253926	2020324970
2020305019	2020299978	2020321667	<u>A61P 33 /-</u>	2021231264
	2020302908	2020321901	2020317609	2020335171
<u>A61M 16 /-</u>	2020312800	2020322131	2020345913	20203299636
	2020314186	2020322218	2020324765	<u>A62D 3 /-</u>
2020312907	2020324388	2020322465	<u>A61P 35 /-</u>	2020301853
2021221922	2020324765	2020323543	2020345913	2020301853
	2020333754	2020324765	2020301451	
<u>A61M 25 /-</u>	2020335171	2020325517	2020321513	<u>A63B 69 /-</u>
		2020327501	2020322014	
2020315988	<u>A61P 11 /-</u>	2020327659	2019452577	2020319631
2020321382		2020327675	2019463579	2020324435
2020321970	2020301451	2020327944	2019464086	<u>A63F 13 /-</u>
2020327031	2020312800	2020331330	2020298098	2020322131
2020338266	2020314186	2020331720	2020298104	2020324435
	2020314798	202033222	2020299138	2020326762
<u>A61M 27 /-</u>	2020316931	2020341109	2020299362	2020327675
		2020343816	2020299398	2020336128
2020310207	2020322014	202033222	2020299636	2020336131
2020323901		202033222	202030543	
2020315988	2020324765	2020341109	202030689	<u>A61P 5 /-</u>
2020337330	2020325569	2020343816	202030689	<u>A63H 3 /-</u>
<u>A61M 37 /-</u>	2020331330	<u>A61P 27 /-</u>	2020301289	2020325599
			2020306139	
2020301414	2020336128	2020309837	2020324765	2020318880
2020326361	2020337342	2020310190	2020307555	<u>A63H 33 /-</u>
		2020310207	2020308283	
	<u>A61P 13 /-</u>	2020319888	2020309837	2020318880
		2020332268	2020312367	<u>A63J 1 /-</u>
	2020311280	2021305575	2020312647	
			2020314129	2020333222

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	<b>B01J 20 /-</b>	<b>B05B 9 /-</b>	<b>B27N 1 /-</b>	<b>B32B 17 /-</b>	<b>B60P 3 /-</b>
<b>A63J 5 /-</b>					
2020321045	2020351421	2020335965	2020325652	2020351088	2020320452
<b>B01D 1 /-</b>	<b>B01J 21 /-</b>	<b>B07B 1 /-</b>	<b>B27N 3 /-</b>	<b>B32B 21 /-</b>	<b>B60R 1 /-</b>
2020324404	2020459971	2020329611	2020245546 2020325652	2020325996	2020325062
<b>B01D 15 /-</b>		<b>B01J 23 /-</b>	<b>B07B 4 /-</b>	<b>B32B 23 /-</b>	<b>B60S 1 /-</b>
2020328215	2019457857 2020459971	2020329611	<b>B29B 7 /-</b>	2020310211	2020335965
<b>B01D 17 /-</b>	<b>B01J 4 /-</b>	2020329611	<b>B29B 9 /-</b>	2020227132	2020325223
2020296832	2020319736	<b>B07C 5 /-</b>	2020325691	2020301616	<b>B60T 17 /-</b>
<b>B01D 21 /-</b>	<b>B01J 8 /-</b>	2020323771 2020335104	<b>B29C 31 /-</b>	2020322455	
2020308683	2020319736	2020325031	<b>B32B 5 /-</b>	2020319936	
<b>B01D 24 /-</b>	<b>B01L 3 /-</b>	<b>B08B 7 /-</b>	<b>B29C 45 /-</b>	2020245546 2020322455	<b>B60T 5 /-</b>
2020425095	2020300545 2020322064	2019463015	2020325031	<b>B32B 7 /-</b>	<b>B61B 15 /-</b>
<b>B01D 36 /-</b>	<b>B01L 7 /-</b>	<b>B08B 9 /-</b>	<b>B29C 53 /-</b>	2020325996	
2020307169	2020325223	2020362862	<b>B33Y 10 /-</b>	2020316264	
2020425095	2020322064	<b>B09B 3 /-</b>	<b>B29C 64 /-</b>	2020324525	<b>B61B 3 /-</b>
<b>B01D 46 /-</b>	<b>B02C 4 /-</b>	2019456539	2020324525	2020316264	
2020321328	2020301519	<b>B22D 1 /-</b>	<b>B29C 65 /-</b>	2020324525	<b>B61B 7 /-</b>
2021258384	2020324512	2020334866	2020351088	2020316264	
2021261460	<b>B03B 5 /-</b>	2020351088	<b>B33Y 40 /-</b>		
<b>B01D 53 /-</b>	2020308683	<b>B22D 11 /-</b>	<b>B29C 73 /-</b>	2020324525	<b>B61C 9 /-</b>
2020300103	<b>B03C 3 /-</b>	2020334866	2020351088	2020352396	
2020317995	2019463015	<b>B22F 7 /-</b>	<b>B29D 29 /-</b>	<b>B42D 25 /-</b>	<b>B62D 53 /-</b>
2021211356	<b>B03D 1 /-</b>	2021243424	2020315039	2020313389	2020319821
<b>B01D 61 /-</b>	2019458755	<b>B23K 20 /-</b>	<b>B29L 23 /-</b>	2020327218	<b>B62D 57 /-</b>
2020307169	2019459427	2020407298	2020362862	<b>B60C 23 /-</b>	<b>B62M 1 /-</b>
<b>B01D 63 /-</b>	2020308683	<b>B03D 103 /-</b>	<b>B31B 100 /-</b>	2020328554 2020330977	
2020326454	2019458755	2019463015	2020326391	2020312798	
2020323457	2019459427	<b>B25J 13 /-</b>	<b>B31B 110 /-</b>	<b>B60H 3 /-</b>	<b>B63B 21 /-</b>
2020326454	<b>B04C 9 /-</b>	2020325084	2020326391	2020321328	2020313352
<b>B01D 71 /-</b>	2020329611	<b>B25J 15 /-</b>	<b>B31B 120 /-</b>	2021258384 2021261460	2020329062
2020323457	<b>B05B 12 /-</b>	2020325084	<b>B60J 7 /-</b>	<b>B63B 27 /-</b>	
<b>B01F 33 /-</b>	2020406176	<b>B25J 5 /-</b>	2020326391	2021211356	
2020325223	<b>B05B 15 /-</b>	2020328586	2020315365		<b>B63B 35 /-</b>
<b>B01F 35 /-</b>	2020335965	<b>B25J 9 /-</b>	2020326391 2020348838	2020300839	<b>B63B 49 /-</b>
2020325223	2020406176	<b>B31F 1 /-</b>	2020322455	<b>B60L 55 /-</b>	2020313352
<b>B01J 19 /-</b>	<b>B05B 3 /-</b>	2020299421 2020299731	2020348838	2020300839	2020328964
2020319736	2020335965	2020325084	<b>B32B 15 /-</b>	<b>B60M 1 /-</b>	<b>B63C 11 /-</b>
<b>B01J 2 /-</b>	2020406176	<b>B27K 1 /-</b>	2020322455	2020300057	2020308965
2020325691	<b>B05B 7 /-</b>	2020327938	2020325050	2020328964	
	2020406176				

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

<u>B63G 8 /-</u>	<u>B65G 15 /-</u>	<u>C02F 9 /-</u>	<u>C07C 311 /-</u>	<u>C07D 305 /-</u>	<u>C07D 407 /-</u>
2020308965	2020315039		2020312800	2020315192	2020320115
2020376136		2020301853	2020314186		2020325505
	<u>B65G 17 /-</u>	2020307169	2020315192	<u>C07D 307 /-</u>	2020360709
<u>B64C 1 /-</u>		2020317068			
2020432116	2020309485		<u>C07C 327 /-</u>	2020312800	<u>C07D 409 /-</u>
	<u>B65G 43 /-</u>		2020322170	2020314186	
<u>B65B 11 /-</u>		2019456539	<u>C07C 405 /-</u>	<u>C07D 311 /-</u>	2020331720
2020299806	<u>B65G 53 /-</u>		2020337342	2020334194	2020360709
<u>B65B 3 /-</u>		2019456539	<u>C07D 205 /-</u>	<u>C07D 317 /-</u>	<u>C07D 413 /-</u>
2020321718			2020315192	2020337342	2019462140
2020372246	<u>B65G 61 /-</u>				2020324388
<u>B65B 61 /-</u>		2019456539	<u>C07D 207 /-</u>	<u>C07D 321 /-</u>	2020325505
2020299806	<u>B82Y 5 /-</u>		2020302118	2020337342	2020329609
<u>B65D 1 /-</u>		2019462312	2020337342		2020331330
2020304626	<u>C01B 25 /-</u>		<u>C07D 213 /-</u>	<u>C07D 333 /-</u>	2020360709
<u>B65D 17 /-</u>		2019462312			<u>C07D 417 /-</u>
2020304626	<u>C01B 3 /-</u>		2019462669		
<u>B65D 33 /-</u>		2019457857	2020312800		2020328208
		2020301853	2020314186		2019462140
2020227133		2020327321			2020317609
<u>B65D 5 /-</u>	<u>C01B 32 /-</u>	2020331969	<u>C07D 217 /-</u>	2020317609	2020360709
2019453912			2019462669		2020318764
		2020321450	2020338765		2020319888
<u>B65D 55 /-</u>	<u>C01B 6 /-</u>		<u>C07D 221 /-</u>	<u>C07D 401 /-</u>	2020324388
2020325756		2020321450			2020325505
<u>B65D 6 /-</u>	<u>C01B 7 /-</u>		2020323897		
2020325756		2020432116	<u>C07D 233 /-</u>	2020326762	2019462140
<u>B65D 65 /-</u>	<u>C01B 7 /-</u>		2020321680		2020327661
		2020300103			2020328208
<u>B65D 65 /-</u>	<u>C01G 41 /-</u>		<u>C07D 231 /-</u>	2020327661	<u>C07D 455 /-</u>
2020329071		2020303728	2020315192	<u>C07D 239 /-</u>	202033222
			2020323897		2020355837
<u>B65D 71 /-</u>	<u>C01G 9 /-</u>				2020360709
2019453912		2020318082	2020316239	<u>C07D 403 /-</u>	<u>C07D 471 /-</u>
			2020328707		2019462140
<u>B65D 71 /-</u>		2020317057			2020299362
		2020317371	<u>C07D 211 /-</u>		2020301451
2019453912		2020345646	2020318575		2020302118
			2020318576		2020324388
<u>B65D 8 /-</u>	<u>C02F 1 /-</u>		<u>C07D 241 /-</u>	2020317609	2020328208
2020329071		2020323897	2020319963		2020331720
		2020364174			2020360709
<u>B65D 88 /-</u>			<u>C07D 257 /-</u>		2020315192
2019463015			<u>C07C 219 /-</u>	<u>C07D 405 /-</u>	2020319963
			2020319963		2020323543
<u>B65D 90 /-</u>	<u>C02F 101 /-</u>		2020332618		2020328208
2021211356		2020322127	<u>C07C 229 /-</u>		2020331330
			<u>C07D 263 /-</u>	2020308283	2020312647
<u>B65F 3 /-</u>	<u>C02F 103 /-</u>		2020302118		2020312367
2020335965		2020322127			2020333225
		2020323897	<u>C07D 295 /-</u>	2020322416	<u>C07D 491 /-</u>
<u>B65G 1 /-</u>	<u>C02F 11 /-</u>		2020315192	2020325505	
2020303885		2020325517	2020323897		2020328208
2020326540		2020317068	<u>C07C 271 /-</u>	2020334194	2020324388
			2020332225		2020328208
			2020337342	2020360709	2020331720
	<u>C02F 3 /-</u>				
		2020326454	2020323897		

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<u>C07D 493 /-</u>	<u>C07K 1 /-</u>	<u>C07K 7 /-</u>	<u>C09D 151 /-</u>	2020318575	<u>C12N 9 /-</u>
2020325505	2020302861		2020322642	2020318576	2020298575
	2020315192	2020299398		2020318633	2020299718
<u>C07D 495 /-</u>	2020324023	2020301027	<u>C09D 167 /-</u>	2020326547	2020309602
	2020328215	2020332268		2020334346	2020310837
2019462140			2020312650		2020319829
2020299992	<u>C07K 14 /-</u>	<u>C08F 220 /-</u>	<u>C09D 17 /-</u>	2019460919	2020324386
2020321513				2020322642	2020325014
2020331720	2020298104	2020298299		2020298557	2020325675
2020360709	2020298626		2020323180	2020298647	2020334462
	2020304139	<u>C08F 290 /-</u>		2020299624	
<u>C07D 498 /-</u>	2020309602			2020300519	<u>C12P 19 /-</u>
	2020309758	2020322642	<u>C09D 175 /-</u>	202031027	
2020299711	2020310037	2020323180		2020302861	2020319661
2020318764	2020310582		2020322642	2020303019	2020319829
2020331330	2020310877	<u>C08G 18 /-</u>	2020323180	2020309602	
	2020317863	2020322642		2020309724	<u>C12P 21 /-</u>
<u>C07D 513 /-</u>	2020321901	2020323180	<u>C09D 5 /-</u>	2020310837	
	2020321977			2020321843	2019459048
2020323897	2020324515	<u>C08G 63 /-</u>	2020322642	2020314129	2020319897
2020324388	2020325675		2020323180	2020319829	
2020328208	2020326547	2020312650		2020319911	<u>C12P 7 /-</u>
<u>C07D 519 /-</u>	2020329216		<u>C09D 7 /-</u>	2020322415	
	2020329751	<u>C08G 65 /-</u>		2020322765	2019459048
2020299362	2020329923			2020324386	2020303019
	2020334462	2020303907	2020321843	2020324974	
<u>C07F 5 /-</u>	2020334993		<u>C09K 23 /-</u>	2020325014	<u>C12Q 1 /-</u>
	2020336131	<u>C08J 3 /-</u>		2020325311	
2020300689	2020351159			2020325675	2019460919
2020323897	2021245153	2020325691	2020296832	2020326547	2020298626
2020332618	2021253926	<u>C08K 3 /-</u>		2020328215	2020299621
<u>C07F 7 /-</u>	<u>C07K 16 /-</u>	2020318082	<u>C09G 3 /-</u>	2020329226	2020300119
	2020296979			2020329751	2020300519
2020332618	2020298098	<u>C08L 1 /-</u>	2020318082	2020333667	2020313915
	2020298104			2020334462	2020318571
<u>C07F 9 /-</u>	2020300002	2020310211	<u>C10G 3 /-</u>	2020335171	2020318574
	2020301027			2020336866	2020326600
2020337342	2020309758	<u>C08L 29 /-</u>	2020312126	2020351159	2020327511
	2020314129			2020353279	2020329226
<u>C07H 1 /-</u>	2020316519	2020227119		2021305575	2021291728
	2020318112	2020227132	<u>C10G 3 /-</u>	2020335171	
2020318679	2020319897	2020227133		2020336866	
	2020321977	<u>C08L 3 /-</u>	2020301853	2020328215	
<u>C07H 19 /-</u>	2020322765			2020329226	2020300119
	2020323596	2020227119	<u>C10L 3 /-</u>	2020329751	2020300519
2020318679	2020323901	2020227120		2020333667	2020313915
	2020324515	2020227132		2020334462	2020318571
<u>C07H 21 /-</u>	2020325562		<u>C10G 3 /-</u>	2020335171	2020318574
	2020327043	<u>C08L 39 /-</u>	2020312126	2020336866	2020326600
2020309837	2020331301			2020351159	2020327511
	2020331879	2020325691	<u>C10G 3 /-</u>	2020353279	2020329226
<u>C07J 1 /-</u>	2020333659			2021305575	2021291728
	2020334287	<u>C08L 5 /-</u>	2020312126	2020333667	
2020363865	2020334882			2020334462	
<u>C07J 21 /-</u>	2020334893	2020227120	<u>C10L 3 /-</u>	2020335171	2020318574
	2020345655	2020310211		2020336866	2020326600
2020363865	2020345913	<u>C08L 71 /-</u>	<u>C11D 3 /-</u>	202034139	2020316239
<u>C07J 41 /-</u>	2020348393			2020341737	2020317371
	2021245153	2020318082	<u>C12H 1 /-</u>	2020341737	2020318574
2020363865	<u>C07K 19 /-</u>	<u>C08L 95 /-</u>		2020341737	2020318575
	2020317780	2020315389		2020341737	2020318576
<u>C07J 43 /-</u>	2020321901		<u>C12H 6 /-</u>	2020341737	2020318577
	2020324386			2020341737	2020325050
<u>C07J 51 /-</u>	2020332268		<u>C12M 1 /-</u>	2020341737	2020325050
	2020317780			2020341737	2020325050
2020363865	<u>C07K 5 /-</u>	2020316003	<u>C12N 1 /-</u>	2020341737	<u>C21D 9 /-</u>
	2020299398	2020323180		2020341737	

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2020319963	2020348838	<u>E04D 1 /-</u>	2020318699	<u>F16L 101 /-</u>
<u>C22B 34 /-</u>	<u>D21H 19 /-</u>	2020350575	<u>E21B 23 /-</u>	2019477996
2020319963	2020319731	<u>E04D 13 /-</u>	2019472431	<u>F16L 15 /-</u>
	2020323852		2019479308	<u>F03D 13 /-</u>
<u>C22B 59 /-</u>	2020348838	2019464959	<u>E21B 33 /-</u>	2020423747
2020315472	<u>D21H 21 /-</u>	<u>E04D 3 /-</u>	2020333165	2020423748
<u>C22C 23 /-</u>	2020319731	2020350575	2019479017	<u>F03D 80 /-</u>
	2020348838		2019479308	<u>F16L 3 /-</u>
2019479017		<u>E04F 13 /-</u>	2020333165	2019464959
<u>C22C 27 /-</u>	<u>D21J 1 /-</u>	2020318877	<u>F04D 1 /-</u>	<u>F16L 55 /-</u>
		2020409002	2020318326	2019477996
2021243424	2020325652	<u>E04G 23 /-</u>	<u>E21B 37 /-</u>	<u>F04D 17 /-</u>
<u>C22C 38 /-</u>	<u>E01C 23 /-</u>	2020299808	2020409002	<u>F16M 11 /-</u>
	2020321843		2020317754	2020309528
2020315120		<u>E04G 25 /-</u>	<u>E21B 41 /-</u>	<u>F04D 25 /-</u>
2020325050	<u>E01D 15 /-</u>	2020326147	2019471604	<u>F16P 1 /-</u>
<u>C23C 2 /-</u>	2019316499	<u>E04H 12 /-</u>	<u>E21B 43 /-</u>	2020331398
2020325050	<u>E01F 15 /-</u>	2020340195	<u>F04D 27 /-</u>	<u>F17C 13 /-</u>
<u>C25B 1 /-</u>	2020310078	<u>E04H 15 /-</u>	<u>E21B 47 /-</u>	2020328461
2020300103	<u>E01F 9 /-</u>	2020340195	<u>F04D 29 /-</u>	2020331403
<u>C25B 13 /-</u>	2020321843	<u>E04H 17 /-</u>	2019477996	<u>F17C 3 /-</u>
2020323283	<u>E02B 13 /-</u>	2020311298	2020318816	2020318326
<u>C25B 15 /-</u>	2020320451	2020331398	2020409002	2020323128
2020323283	<u>E02B 7 /-</u>	<u>E21C 41 /-</u>	2020317754	<u>F17C 5 /-</u>
<u>C25B 9 /-</u>	2020320451	2019456486	2020318326	2020328461
	2020324375	<u>E04H 4 /-</u>	2020318699	<u>F17C 6 /-</u>
2020323283	<u>E02F 3 /-</u>	2020326394	2020315498	2020324275
2020331804		<u>E05B 1 /-</u>	<u>F16B 13 /-</u>	<u>F21L 4 /-</u>
<u>C25D 3 /-</u>	2020322791	2019459146	2020299808	2020333519
	2020328090		<u>F16C 17 /-</u>	2020358073
2020315120	<u>E02F 9 /-</u>	<u>E05F 15 /-</u>	2020358073	<u>F21S 11 /-</u>
<u>C30B 23 /-</u>	2020320149	2019456486	2020358073	2020356326
	2020322791	2020385329	<u>F01K 3 /-</u>	<u>F21S 2 /-</u>
2020312168	2020328090	<u>E06B 1 /-</u>	2020372816	<u>F16C 27 /-</u>
<u>C30B 29 /-</u>	<u>E03C 1 /-</u>	2019459436	2020358073	2020321045
2020312168	2020309511	<u>E06B 3 /-</u>	<u>F01N 13 /-</u>	<u>F21V 15 /-</u>
<u>D04H 3 /-</u>	2020315498	2019459436	2020321397	2020333519
		2020331547	<u>F01N 3 /-</u>	<u>F21V 21 /-</u>
2020245546	<u>E03D 11 /-</u>	<u>E06B 9 /-</u>	2020321397	2020321045
<u>D06F 33 /-</u>	2020316241	2020385329	<u>F01N 5 /-</u>	<u>F21V 23 /-</u>
			2020312798	
2020305579	<u>E04B 1 /-</u>	<u>E21B 10 /-</u>	<u>F16H 25 /-</u>	2020321045
<u>D06F 37 /-</u>	2019316499	2020319700	2020312798	2020333519
	2020312071	2020318699	<u>F01N 9 /-</u>	2020312798
2020305579	<u>E04B 2 /-</u>	<u>E21B 17 /-</u>	<u>F16H 57 /-</u>	<u>F21V 33 /-</u>
<u>D06F 39 /-</u>	2020331418	2020321397	2020352396	2020321045
		<u>F02M 35 /-</u>	2020323283	
2020305579	<u>E04C 3 /-</u>	2020318816	<u>F16J 15 /-</u>	<u>F21V 5 /-</u>
<u>D21H 17 /-</u>	2019316499	2020338053	2021261460	
			<u>F03B 13 /-</u>	2020356326
2020319731		2019471604	2020388505	
2020323852		2020316928		

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<b>F21W 131 /-</b>	<b>F25B 9 /-</b>	2020325610 2020325953	<b>G01J 3 /-</b>	2020325208 2020326600 2020332304	<b>G05B 1 /-</b>
2020321045	2020324275	<b>F28D 7 /-</b>	2020324520 2020325208	2020332245	2020324281
<b>F23J 15 /-</b>	2020324281	2020324275	2020326153	<b>G01N 9 /-</b>	<b>G05B 13 /-</b>
2020317995	2020325493	2020325610	2020326154	2019462206	2020344501
	2020325610	2020325952	2020325953	<b>G01K 1 /-</b>	<b>G05B 15 /-</b>
<b>F24C 14 /-</b>	2020325953	<b>F28D 9 /-</b>	2020332839	<b>G01P 15 /-</b>	<b>G05B 15 /-</b>
2020352974	<b>F25D 11 /-</b>	2020323728 2020372816	2020309531	2020332245	2020319870
<b>F24F 13 /-</b>	2020319870	<b>G01L 1 /-</b>	<b>G01R 15 /-</b>	<b>G05B 19 /-</b>	
2019464959	<b>F25D 13 /-</b>	<b>F28F 1 /-</b>	2020317857	2020319634	2020352974 2020372246
<b>F24H 3 /-</b>	2020303885	2019460046	<b>G01L 19 /-</b>	<b>G01R 19 /-</b>	<b>G05B 23 /-</b>
2020298880	<b>F25D 17 /-</b>	<b>F28F 3 /-</b>	2019477996	2020319634	2021265924
<b>F24H 9 /-</b>	2020303885	2020323728	<b>G01M 15 /-</b>	<b>G01R 31 /-</b>	<b>G05D 1 /-</b>
2020298880	2020319870	<b>F28G 7 /-</b>	2020321397	2020312708	2020321328
<b>F24S 23 /-</b>	<b>F25D 19 /-</b>	2019463015	<b>G01N 11 /-</b>	2020348655	2020326630
2020327571	2020319870	<b>F41A 21 /-</b>	2019462206	2020350501	2020328586
<b>F24S 25 /-</b>	<b>F25D 23 /-</b>	2020299101	<b>G01N 17 /-</b>	2021230398	2020328964
2019464959	2019459146	<b>F41A 27 /-</b>	2020329576	2020309309	2020315498
2020327571	2019459826	2020299101	<b>G01N 21 /-</b>	2020312182	2020328964
<b>F24S 30 /-</b>	<b>F25J 1 /-</b>	<b>F42B 15 /-</b>	2020325208 2020338055	<b>G01S 17 /-</b>	<b>G06F 1 /-</b>
2020327571	2020320135	2020432116	2020321235	2020309531	2020311360
<b>F25B 1 /-</b>	2020323728	<b>G01B 11 /-</b>	<b>G01N 25 /-</b>	2020316421	2020318880
2020324275	2020324275	2020315558	2019462931 2020332839	2020309309	<b>G06F 11 /-</b>
2020324281	2020324281	2020325493	2020312182	2020312182	2020321986
2020325493	2020325493	2020325610	2020321235	2020321987	2020325610
2020325610	2020325610	2020325952	<b>G01C 11 /-</b>	<b>G01V 1 /-</b>	2020326429
2020325952	2020325952	2020325953	2020315558	2020337927	2020325953
<b>F25B 11 /-</b>	<b>F25J 3 /-</b>	<b>G01C 19 /-</b>	<b>G01N 29 /-</b>	2020318816	<b>G06F 16 /-</b>
2020324275	2020317754	2019462206	2019462206	<b>G01V 5 /-</b>	2019459693
2020324281	<b>F25J 5 /-</b>	<b>G01C 21 /-</b>	2020321043	2020318816	2020315558
2020325493	2020323728	2020310078	<b>G01N 3 /-</b>	<b>G02B 13 /-</b>	2020325599
2020325610	2020324281	2020326540	2020298881	<b>G06F 17 /-</b>	2020310078
2020325952	2020325952	2020325610	2020303905	2020313915	2019453236
2020325953	2020325952	<b>G01C 3 /-</b>	<b>G01N 30 /-</b>	2020356326	2020321986
<b>F25B 31 /-</b>	<b>F27B 9 /-</b>	2020315558	2020328215	2020321987	2020321986
2020325610	<b>F27B 9 /-</b>	2020300448	<b>G01F 1 /-</b>	<b>G02B 6 /-</b>	2020321987
2020325952	2020300448	<b>G01F 1 /-</b>	<b>G01N 33 /-</b>	<b>G02B 6 /-</b>	2020310078
2020325953	<b>F27D 3 /-</b>	2019462206	2019462931	2020332113	<b>G06F 21 /-</b>
	2019462931	2020334866	2020298104	2019458656	2020302101
<b>F25B 40 /-</b>	2020334866	2020332074	2020298299	<b>G02C 5 /-</b>	2020303706
2020325953	<b>F28D 1 /-</b>	<b>G01F 23 /-</b>	2020300545	2020316255	2020303900
<b>F25B 47 /-</b>	2019460046	2019462206	2020303279	2020315424	2020315424
2020324275	2019460046	2019462206	2020310582	<b>G02F 1 /-</b>	2020316421
2020324281	<b>F28D 20 /-</b>	<b>G01G 19 /-</b>	2020317987	2020316041	2020318336
2020325493	2020325493	2020372816	2020318574	2020319063	2020331404
<b>F25B 49 /-</b>	2020372816	2020373174	2020319899	2020320210	2020370599
2020324275	<b>F28D 21 /-</b>	<b>G01G 23 /-</b>	2020321715	<b>G03B 17 /-</b>	2021267818
2020325493	2020323728	2020373174	2020322188	2020309528	2020323679

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<u>G06F 3 /-</u>	<u>G06Q 30 /-</u>	<u>G07F 7 /-</u>	<u>G16B 30 /-</u>	<u>H01L 35 /-</u>	<u>H02K 7 /-</u>
2020302965	2020218359	2020311867	2020326600		2020301156
2020309531	2020302965			2020323514	<u>H02K 9 /-</u>
2020309839		<u>G07F 9 /-</u>	<u>G16B 40 /-</u>	<u>H01L 37 /-</u>	
2020311058	<u>G06Q 40 /-</u>	2020316424	2020313915		2019460693
2020311360	2020323473			2020323514	
2020316041		<u>G08B 13 /-</u>	<u>G16B 50 /-</u>		<u>H02M 3 /-</u>
2020364595		<u>G06Q 50 /-</u>	2020316041	<u>H01L 41 /-</u>	
2021277745			2020346961		2020317327
			2020347285	2020319700	<u>H02N 2 /-</u>
<u>G06F 30 /-</u>	2020218359				
	2020281052	<u>G08B 17 /-</u>	<u>G16H 10 /-</u>	<u>H01M 10 /-</u>	
2020310078	2020281078	2020330299			2020319700
	2020281122		2020299430	2020331993	
<u>G06F 40 /-</u>	2020299430	<u>G08B 27 /-</u>	2020299594	2021231264	<u>H02S 20 /-</u>
	2020323473		2020300545		
2021267818	2020352993	2020307528	2020308531	<u>H01M 4 /-</u>	2019464959
	2020373174		2020319063		2020326625
<u>G06F 7 /-</u>	<u>G06T 1 /-</u>	<u>G08B 29 /-</u>	2020344228	2020331993	2020356326
2020319063				2020334602	
<u>G06F 9 /-</u>	2020311058	2020330299	<u>G16H 20 /-</u>	<u>H01M 50 /-</u>	<u>H02S 40 /-</u>
	<u>G06T 13 /-</u>	<u>G08B 3 /-</u>	2020299430		2020326625
2020364595	2020309839	2020330299	2020302101	2020376136	
<u>G06K 19 /-</u>	2020311058		2020303706	2021230398	<u>H03M 7 /-</u>
	2020311360	<u>G08B 5 /-</u>	2020309595	2021231264	
2020316421	2020311623	2020307528	2020315171		2020337927
			2020315604	<u>H01M 8 /-</u>	<u>H04B 7 /-</u>
<u>G06K 7 /-</u>	<u>G06T 15 /-</u>	<u>G08B 7 /-</u>	<u>G16H 40 /-</u>	2020315120	
2020311867	2020309309	2020307528	2020299594	2020321713	2020327357
<u>G06K 9 /-</u>	2020312182		2020300545	2020331993	<u>H04L 1 /-</u>
		<u>G09B 21 /-</u>	2020314752	<u>H01Q 1 /-</u>	2019460123
2020301054	<u>G06T 17 /-</u>		2020332839	2020316041	2020322869
2020309839	2020315029	2020449441			
2020311623			<u>G16H 50 /-</u>	<u>H01R 13 /-</u>	<u>H04L 12 /-</u>
2020340234	<u>G06T 19 /-</u>		2020300545		
2020344228	2020302965	2020306580	2020308531	2020320133	2019457781
<u>G06N 3 /-</u>	2020309309		2020309595	<u>H02H 3 /-</u>	<u>H04L 5 /-</u>
	2020312182	<u>G09F 3 /-</u>	2020312779		
2020300106		2020316041	2020319890	2020348655	2020381902
2020309839	<u>G06T 3 /-</u>		2020326620	2020350501	<u>H04L 65 /-</u>
2020311058		<u>G09G 5 /-</u>	<u>G21D 1 /-</u>	<u>H02H 7 /-</u>	
2020311623	2020309531		2020372816		2020333658
2020313915	2020311356	2020322381	2020372816	2020348655	
2020315029		2020327007		2020350501	<u>H04L 67 /-</u>
2020321422	<u>G06T 7 /-</u>		<u>G21D 5 /-</u>		
2020340234	2020315558	<u>G10L 15 /-</u>		<u>H02J 7 /-</u>	2020305669
<u>G06Q 10 /-</u>	2020332174	2020309839	2020372816		2020318336
	2020340234			2021230398	<u>H04L 9 /-</u>
2020218359		<u>G10L 19 /-</u>	<u>G21D 9 /-</u>	<u>H02K 1 /-</u>	
2020299430	<u>G06V 10 /-</u>		2020372816		2020311867
2020315604		2020352977		2020301156	2020315424
2020315729	2020317987		<u>H01B 17 /-</u>	2020317048	2020315740
2020326540	<u>G07B 15 /-</u>		2020311298	<u>H02K 15 /-</u>	2020316082
<u>G06Q 20 /-</u>	2020315288	2020352977			2020318336
			<u>H01F 5 /-</u>	2020301156	2020331404
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2020300351	<u>G07F 17 /-</u>	2020352977			2021267818
2020311867			<u>H01L 27 /-</u>	<u>H02K 21 /-</u>	<u>H04M 1 /-</u>
2020315558	2020302101		2020303905		
2020315740	2020303706	<u>G16B 20 /-</u>		2020317048	2020309528
2020316421	2020303900	2020313915			
2020364083	2020316424	2020318571	<u>H01L 31 /-</u>	<u>H02K 3 /-</u>	<u>H04N 1 /-</u>
	2020364083	2021291728	2021291728	2020301156	2020326154
			2020343894		
			2020356326		

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2020295272  
2020316548  
2020318106  
2020321002  
2020322553  
2020333539

**H04N 21 /-**

2020352977

**H04N 5 /-**

2020309531  
2020322381  
2020333961

**H04N 7 /-**

2020322381  
2020333961

**H04Q 11 /-**

2020332839

**H04W 12 /-**

2020315424

**H04W 24 /-**

2020310275

**H04W 28 /-**

2020314490  
2020322869

**H04W 36 /-**

2020460273

**H04W 4 /-**

2020305669  
2020315729

**H04W 52 /-**

2020315729  
2020324166  
2020381902

**H04W 72 /-**

2019453102  
2019461152  
2020327357

**H04W 76 /-**

2020305669  
2020381902

**H04W 92 /-**

2020310275

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2020335152

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*C08L 67/06* (2006.01)

*C08G 18/34* (2006.01)

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(51) Int. Cl.

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 (51) Int. Cl.  
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(54) Vaporization Device

(51) Int. Cl.

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(54) Method and system for providing contextual electronic content

(51) Int. Cl.

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(51) Int. Cl.

*A61B 34/10* (2016.01 )

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**A61K 31/17** ( 2006.01 )  
**A61K 49/00** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**C08J 9/00** (2006.01)  
**C08F 20/14** (2006.01)  
**C08K 3/36** (2006.01)  
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**G06T 11/20** (2006.01)  
**B64G 3/00** (2006.01)  
**G06F 3/048** (2013.01)  
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**H04W 4/40** (2018.01)  
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**A61K 31/40** (2006.01)  
**A61P 29/00** (2006.01)  
**C07C 233/73** (2006.01)  
**C07D 215/14** (2006.01)  
**C07D 239/46** (2006.01)  
**C07D 249/06** (2006.01)  
**C07D 311/54** (2006.01)  
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*H04M 3/22* ( 2006.01 )  
*G06F 16/00* ( 2019.01 )  
*H04M 3/493* ( 2006.01 )  
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**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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*G06N 99/00* ( 2019.01 )  
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*G10L 19/018* ( 2013.01 )  
*H04N 21/83* ( 2011.01 )  
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*H04W 52/24* ( 2009.01 )  
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*C07H 21/00* ( 2006.01 )  
*A61K 31/7028* ( 2006.01 )  
*A61P 1/16* ( 2006.01 )  
*C07H 1/00* ( 2006.01 )  
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*C07K 16/18* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 25/16* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
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*F25D 25/02* ( 2006.01 )  
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**B01L 99/00** (2010.01)  
**G01N 33/94** (2006.01)
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**H04M 1/725** (2006.01)  
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 (51) Int. Cl.  
**H04W 36/14** (2009.01)  
**H04W 8/02** (2009.01)  
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**H04W 72/04** (2009.01)  
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**H04W 72/04** (2009.01)  
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**H01Q 1/36** (2006.01)  
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 (74) Phillips Ormonde Fitzpatrick
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**A61K 35/50** (2006.01)  
**A61P 43/00** (2006.01)  
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**C12N 15/52** (2006.01)  
**C12N 1/19** (2006.01)  
**C12N 9/00** (2006.01)  
**C12N 15/81** (2006.01)  
**C12P 7/02** (2006.01)  
**C12P 7/20** (2006.01)  
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 (51) Int. Cl.  
**E04B 2/82** ( 2006.01 )  
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**F16B 25/00** ( 2006.01 )  
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*A61P 35/00* (2006.01)  
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## Applications Accepted - Name Index cont'd

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**Universite de Lille 2 Droit et Sante see Centre Hospitalier Regional et Universitaire de Lille (CHRU)**  
 (21) 2017238476

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*A61P 25/24* (2006.01)  
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**A63F 1/06** ( 2006.01 )  
**A63F 1/14** ( 2006.01 )  
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**G06K 5/00** ( 2006.01 )  
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(74) Patent Attorney Services
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- Xuzhou Goldfluid Hydraulic Technology Development Co., Ltd see China University of Mining and Technology**  
(21) 2020267195
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**F01K 23/08** ( 2006.01 )  
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- Yale University see University of Rhode Island Board of Trustees**  
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- (71) Yanshan University  
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- Zhejiang Orient Gene Biotech Co., LTD see Healign Scientific Limited**  
(21) 2017204600
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- (71) Z-Modular Holding, Inc.  
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(21) 2016308775 (22) 12.08.2016  
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capability configuration method and  
device, base station and computer stor-  
age medium  
(51) Int. Cl.  
*H04W 28/02* ( 2009.01 )  
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(72) WANG, Xin  
(74) Spruson & Ferguson

## Numerical Index

2015255211	Vilmorin & Cie	2017222687	Memorial Sloan Kettering Cancer Center
2015314813	Immunis.Al, Inc.	2017222935	Société des Produits Nestlé S.A.
2015325028	Amicus Therapeutics, Inc.	2017226954	Diversey, Inc.
2015356566	Senecio Ltd.	2017228602	Flowtech Kitchen & Bathroom Technology Co., Ltd
2015373584	Immatics Biotechnologies GmbH	2017229861	Corning Optical Communications LLC
2015416315	Kimberly-Clark Worldwide, Inc.	2017229863	Corning Optical Communications LLC
2016203557	Universidad de Santiago de Chile	2017231099	Traila Group Pty Ltd
2016208913	Institute of Genetics and Developmental Biology, Chinese Academy of Sciences	2017238169	Railpod, Inc.
2016227629	PCI Biotech AS	2017238476	Centre Hospitalier Regional et Universitaire de Lille (CHRU); Université de Lille 2 Droit et Santé; Université du Littoral Cote d'Opale; INSERM (Institut National de la Santé et de la Recherche Médicale); Taipei Medical University
2016233495	Cytomx Therapeutics, Inc		Uptake Technologies, Inc.
2016243160	Takeda Pharmaceutical Company Limited	2017240150	Kite Pharma, Inc.
2016250023	Amgen Research (Munich) GmbH	2017240604	Covenant Eyes, Inc.
2016256302	Ipatimup ( Instituto de Patologia e Imunologia Molecular da Universidade do Porto)	2017244844	Tachikawa Corporation
2016261850	Illumina, Inc.; The Regents of the University of California	2017248397	Source Digital, Inc.
2016267595	Applied Medical Resources Corporation	2017249040	Becton, Dickinson and Company
2016275566	Hudson Institute of Medical Research; Monash University	2017251726	Afton Chemical Corporation
2016277837	Illinois Tool Works Inc.	2017257254	Immunomedics, Inc.
2016289524	Keiryo Packaging SA	2017259955	GCP Applied Technologies Inc.
2016292873	Kompan A/S	2017261121	Fisher & Paykel Healthcare Limited
2016292896	H. Lundbeck A/S	2017261230	TerraPower, LLC
2016294674	Apeira Technologies	2017261375	Walker Digital Table Systems, LLC
2016305181	BASF Agricultural Solutions Seed US LLC	2017263532	BEIERSDORF AG; Formulated Solutions, LLC
2016308775	Z-Modular Holding, Inc.	2017266212	OVD Kinigram AG
2016315938	Cape Analytics, Inc.	2017272760	Toray Industries, Inc.
2016316439	CureVac AG	2017272860	Danstar Ferment AG
2016318469	Belvac Production Machinery, Inc.	2017281681	Upnor Oyj
2016319622	LG Household & Health Care Ltd.	2017286128	The Trustees of the University of Pennsylvania
2016320544	BVBiomedical Limited	2017288254	Qualcomm Incorporated
2016324800	Nippon Shinyaku Co., Ltd.; National Center of Neurology and Psychiatry	2017290729	Rhodia Operations
2016333961	Stryker Corporation	2017295593	Basf Agrochemical Products B.V.
2016335570	Wilt, R.; Marschalko, C.; Faustini, L.	2017296295	Sage Therapeutics, Inc.
2016347850	Oxford Safety Components Limited	2017297188	Qualcomm Incorporated
2016348558	Biocross S.L.; Instituto de Salud Carlos III; Centro de Investigación Biomédica en Red de Enfermedades Neurodegenerativas	2017300752	Red Valve Company, Inc.
2016348894	Hill & Smith Limited	2017305148	Qualcomm Incorporated
2016353456	Société des Produits Nestlé S.A.	2017305686	Alcon Inc.
2016354627	Ocado Innovation Limited	2017305757	Unicharm Corporation
2016358645	Amorepacific Corporation	2017306778	Nokia Technologies Oy
2016366172	Kemira Oyj	2017307345	Schneider Electric Industries SAS
2016368685	Flolevel Technologies Pty Ltd	2017311038	Qualcomm Incorporated
2016371228	Aurora Labs Limited	2017315340	Becton, Dickinson and Company
2016372356	PGS Geophysical AS	2017315779	Qualcomm Incorporated
2016375185	KOB GmbH	2017324412	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.
2016404454	Kimberly-Clark Worldwide, Inc.	2017324946	Swift Biosciences, Inc.
2016423715	Energyfront Inc	2017325118	The University of Adelaide
2016430259	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017326168	Nutrition & Biosciences USA 4, Inc.
2016433246	Dow Global Technologies LLC; Rohm and Haas Company	2017328510	Indian Institute of Science; Department of Biotechnology
2017201150	Fugro N.V.	2017330430	University of Rhode Island Board of Trustees; Yale University
2017201218	Stryker Corporation	2017331809	Kordtech Pty Ltd
2017202174	Clarke, R.	2017340136	Becton, Dickinson and Company
2017203496	J.C. Bamford Excavators Limited	2017345399	Sage Therapeutics, Inc.
2017203527	Schneider Electric Industries SAS	2017345400	Sage Therapeutics, Inc.
2017204600	Healgen Scientific Limited; Zhejiang Orient Gene Biotech Co., LTD	2017345508	Menarini Silicon Biosystems S.p.A.
2017205898	Vestdavit Gruppen AS	2017348076	Nutrition & Biosciences USA 4, Inc.
2017208999	Verum TCS, LLC	2017352937	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2017211121	Nevro Corp.	2017357873	Cellix Bio Private Limited
2017219429	National Oilwell Varco Denmark I/S	2017362950	Nutrition & Biosciences USA 4, Inc.
2017220738	Phoenix Molecular Designs	2017366879	PTC Therapeutics MP, Inc.
2017222472	Alcon Inc.	2017368155	OncoMed Pharmaceuticals, Inc.
		2017368234	The Board of Regents of the University of Oklahoma
		2017369740	Vuly IP Holdings No 2 Pty Ltd
		2017371533	Rabhi, V.

## Applications Accepted - Numerical Index cont'd

2017372909	Newtrax Holdings Inc.	2019213577	ASSIA SPE, LLC
2017381501	Suntory Holdings Limited	2019218741	Lockheed Martin Corporation
2017383771	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2019222263	Tanaka Kikinzoku Kogyo K.K.
2017391788	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2019226072	ExoAnalytic Solutions, Inc.
2017392150	Raytheon Company	2019234025	3M Innovative Properties Company
2017395700	Neurocrine Biosciences, Inc.	2019236591	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
2017395704	Neurocrine Biosciences, Inc.	2019236675	BioNTech RNA Pharmaceuticals GmbH
2017397501	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019248667	ZTE Corporation
2017428034	Liu, X.	2019254161	Siemens Aktiengesellschaft
2017431676	Petróleo Brasileiro S.A. - Petrobras	2019254319	Shanghai Cloudpick Smart Technology Co., Ltd.
2017441328	Osaka Sealing Printing Co.,Ltd.	2019258653	Shanghai MicroPort EP MedTech Co., Ltd.
2017444369	Guangzhou RiboBio Co., Ltd.	2019261271	MED-EL Elektromedizinische Geraete GmbH
2018201368	KONE CORPORATION	2019262182	Citrix Systems, Inc.
2018201372	KONE CORPORATION	2019262187	Citrix Systems, Inc.
2018201898	ALSTOM Transport Technologies	2019262467	LG Electronics Inc.
2018201912	ALSTOM Transport Technologies	2019275870	Carl Freudenberg KG
2018205152	Clearview Property Management Pty Ltd	2019280830	Abbott Diabetes Care Inc.
2018210272	Arcus Biosciences, Inc.	2019281373	Apple Inc.
2018215316	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2019285699	Citrix Systems, Inc.
2018215882	CuraSolutions GmbH	2019289081	Howmedica Osteonics Corp.
2018216529	Samsung Electronics Co., Ltd.	2019291488	Novartis AG
2018217961	Ju.cla.s. - S.r.l.	2019291975	NEXTracker Inc.
2018218307	University College Cardiff Consultants Limited	2019296183	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018220470	Hyasynth Biologicals Inc.	2019296795	CRRC Qiqihar Rolling Stock Co., Ltd.
2018220617	GE Global Sourcing LLC	2019301944	Novartis AG
2018225077	Microsoft Technology Licensing, LLC	2019309219	Baker Hughes Holdings LLC
2018236336	Auspex Pharmaceuticals, Inc.	2019314678	Nicoventures Trading Limited
2018245892	Toray Industries, Inc.	2019314897	Huawei Technologies Co., Ltd.
2018254238	Tecnimede, Sociedade Técnico-Medicinal SA	2019319458	Haier Smart Home Co., Ltd.
2018268960	BASF Agro B.V.	2019321035	Yara International ASA
2018268961	BASF Agro B.V.	2019326433	TTi (Macao Commercial Offshore) Limited
2018288772	Illumina, Inc.	2019326971	Daikin Industries, Ltd.
2018294743	Nichiba Corporation	2019327184	SPX Flow Technology Danmark A/S
2018307222	Sami Labs Limited	2019337086	Gracenote, Inc.
2018313165	Schlage Lock Company LLC	2019338161	MEDACTA INTERNATIONAL SA
2018313951	Chinook Contract Research Inc.	2019338507	Yanshan University
2018318597	LG Electronics Inc.	2019339956	Yanshan University
2018327937	LG Electronics Inc.	2019340500	Yanshan University
2018329025	Shanghai Green Valley Pharmaceutical Co., Ltd.; Soochow University	2019344542	3D Glass Solutions, Inc.
2018353787	Green Cross Corporation; Mogam Institute for Biomedical Research	2019357221	National Institute of Clean-and-Low-Carbon Energy
2018355097	Intuit Inc.	2019358775	StoneAge, Inc.
2018359660	Takeda Vaccines, Inc.	2019372581	China Petroleum & Chemical Corporation; Sinopec Nanjing Chemical Industries Co., Ltd.
2018367425	Praxair Technology, Inc.	2019373245	Gilead Sciences, Inc.
2018372235	4D Molecular Therapeutics Inc.	2019373402	Commonwealth Scientific and Industrial Research Organisation
2018373384	Ranpak Corp.	2019396544	PPG Industries Ohio, Inc.
2018379263	Chemcom S.A.	2019426666	Novostar Pharmaceuticals, Ltd.
2018384646	Colgate-Palmolive Company	2019432434	Sugarcane Research Institute, Yunnan Academy Of Agricultural Sciences
2018387344	Unex Aparellaje Electrico S.L.	2019433066	Wacker Chemie AG
2018389642	Inventio AG	2019436880	Mitsubishi Electric Corporation
2018394939	AP Biosciences, Inc.	2020200005	Norton (Waterford) Limited
2018402887	The Yokohama Rubber Co., Ltd.	2020200069	Blue Belt Technologies, Inc.
2018404446	The Yokohama Rubber Co., Ltd.	2020200090	Advanced Bariatric Technology, LLC
2018419252	Outotec (Finland) Oy	2020200278	PURPLE INNOVATION, LLC
2018422635	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020200324	BioAtla, LLC
2018425837	China Academy of Railway Sciences Corporation Limited Railway Engineering Research Institute; China Academy of Railway Sciences Corporation Limited; Beijing Tieke Shougang Track Technology Co. , Ltd	2020200561	7905122 Canada Inc.
2018436948	Micro Motion, Inc.	2020201268	Massachusetts Institute of Technology; Whitehead Institute for Biomedical Research
2018440086	Huawei Technologies Co. Ltd.	2020201285	Becton, Dickinson and Company
2019200532	ViaCyte, Inc.	2020201288	Touchtunes Music Corporation
2019208157	Cordery, M.	2020201329	Endocyte, Inc.
2019209400	The Procter & Gamble Company	2020202785	Drug Delivery Solutions ApS
2019211003	Nordischer Maschinenbau Rud. Baader GmbH + Co. KG	2020202816	Arbutus Biopharma Corporation
		2020202904	Endocyte, Inc.
		2020202924	Illumina, Inc.
		2020203155	NuVasive Specialized Orthopedics, Inc.
		2020203281	Qualcomm Incorporated
		2020203501	Boyle, N.

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2020204102	Apple Inc.
2020204531	Technological Resources Pty. Limited
2020204545	CREO MEDICAL LIMITED
2020205264	LG ELECTRONICS INC.
2020207810	Sage Therapeutics, Inc.
2020207864	Evonik Operations GmbH
2020212041	LGHorizon, LLC
2020213404	Bidi Vapor, LLC
2020213407	Bidi Vapor, LLC
2020215007	Daikin Industries, Ltd.
2020216296	Beckton, Dickinson and Company
2020217360	Apple Inc.
2020220086	Ningbo Radi-Cool Advanced Energy Technologies Co., Ltd.; Ningbo Ruiling Advanced Energy Materials Institute Co., Ltd
2020223693	Amazon Technologies, Inc.
2020223708	Heraeus Medical GmbH
2020227018	James Hardie Technology Limited
2020230247	Electrocore, LLC
2020233767	Implantica Patent Ltd
2020239707	Huawei Technologies Co., Ltd.
2020245293	Siemens Healthcare Diagnostics Inc.
2020250179	Canon Kabushiki Kaisha
2020254985	Southeast University
2020255319	Trio Healthcare Limited
2020256315	Google LLC
2020257022	Index Systems, Inc.
2020260378	Huawei Technologies Co., Ltd.
2020267195	China University of Mining and Technology; Xuzhou Goldfluid Hydraulic Technology Development Co., Ltd
2020277168	Qu, H.
2020281035	Waymo LLC
2020281108	Immatics Biotechnologies GmbH
2020286185	Huawei Technologies Co., Ltd.
2020294174	Northrop Grumman Systems Corporation
2020294187	APPLE INC.
2020301722	Canva Pty Ltd
2020309178	Carl Zeiss Vision International GmbH
2020309582	Ultima Genomics, Inc.
2020326877	Raytheon Company
2020343993	Institute of Zoology, Guangdong Academy of Sciences
2021200447	XYZ Energy Group, LLC
2021200535	Tata Consultancy Services Limited
2021200811	BigTinCan Holdings Limited
2021201028	Google LLC
2021201496	Soter Technologies, LLC
2021202664	Baraja Pty Ltd
2021202716	PerkinElmer Health Sciences, Inc.; PerkinElmer Cellular Technologies Germany GmbH
2021236506	Williams, A.
2021254641	CYMABAY THERAPEUTICS, INC.
2021258054	Acetk Corp Ltd.
2021267443	Abbeytex Pty Ltd
2021277747	SPCM SA
2021286351	Baraja Pty Ltd

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<u>A01H 4 /-</u>	<u>A23C 9 /-</u>	<u>A47F 11 /-</u>	2015416315 2016375185 2016404454	2018307222 2019236675	<u>A61M 16 /-</u>
2015255211	2017263532	2019254319			<u>A61K 39 /-</u>
<u>A01H 5 /-</u>	<u>A23F 3 /-</u>	<u>A47F 5 /-</u>	<u>A61F 2 /-</u>	2016227629 2016292896 2017222687 2017240150 2017368155 2018359660	<u>A61M 25 /-</u>
2015255211	2017381501	2019254319	2017222472 2020233767	2017240150 2017368155 2018359660	2017249040
2016208913	<u>A23G 3 /-</u>	<u>A47G 9 /-</u>			<u>A61M 5 /-</u>
2016305181	2017263532	2020200278	<u>A61F 7 /-</u>	2017368155 2018359660	
<u>A01K 1 /-</u>	<u>A23L 2 /-</u>	<u>A47J 31 /-</u>	2016375185	2020200324 2020201268	2020216296 2020223708
2020200561	2017381501	2016353456 2017222935	<u>A61F 9 /-</u>	<u>A61K 41 /-</u>	<u>A61N 1 /-</u>
<u>A01K 67 /-</u>	<u>A23P 30 /-</u>		2017305686	2016227629	2017211121 2019261271
2015356566	2017263532	<u>A47L 11 /-</u>	<u>A61G 13 /-</u>	2016227629	2020230247 2020233767
<u>A01N 25 /-</u>	<u>A24B 15 /-</u>	2017226954 2019262467	2017201218	<u>A61K 47 /-</u>	
2018215882	2019314678	<u>A47L 13 /-</u>	<u>A61G 7 /-</u>	2016319622 2018394939	<u>A61P 1 /-</u>
<u>A01N 37 /-</u>	<u>A24B 3 /-</u>	2019234025	2016423715	2020200324 2020201268	2017444369 2021254641
2017295593	2019314678	2019275870	<u>A61K 31 /-</u>	<u>A61K 48 /-</u>	<u>A61P 17 /-</u>
<u>A01N 51 /-</u>	<u>A24F 40 /-</u>	<u>A47L 9 /-</u>	2016320544 2016324800	2016324800	
2020207810	2020213407	2019262467	2017220738	2020201268	2020202785
<u>A01N 59 /-</u>	<u>A24F 47 /-</u>	<u>A61B 17 /-</u>	2017257254 2017286128	<u>A61K 49 /-</u>	<u>A61P 21 /-</u>
2018215882	2019314678	2018313951	2017296295	2016233495	2016324800
<u>A01N 63 /-</u>	2020213404	2019338161	2017345399	2017330430	<u>A61P 25 /-</u>
2020213407	2020200090	20202003155	2017345400 2017357873	2020201329 2020202904	2016292896
2017272860	2020343993	2020204545	2017368234 2017395700	2020254985	2017238476
<u>A01N 65 /-</u>	2016333961	<u>A61B 18 /-</u>	2017395704	<u>A61K 8 /-</u>	2017296295 2017345399
2018215882	<u>A46B 11 /-</u>	2020204545	2017444369 2018210272	2016358645 2017263532	2018218307 2018236336
<u>A01P 21 /-</u>	2021236506	<u>A61B 3 /-</u>	2018245892	2018209400	2018245892
2017272860	<u>A46B 3 /-</u>	2020309178	2018307222		<u>A61P 29 /-</u>
<u>A01P 5 /-</u>	2021236506	<u>A61B 34 /-</u>	2019291488	<u>A61K 9 /-</u>	
2017295593	<u>A46B 5 /-</u>	2019289081 2020200069	2019301944 2019373245	2016319622 2017263532	2017368234 2019373245
<u>A01P 7 /-</u>	2021236506	<u>A61B 5 /-</u>	2020202785	2018372235 2020201268	<u>A61P 31 /-</u>
2017295593	<u>A46B 7 /-</u>	2017208999	2020202904	<u>A61L 15 /-</u>	2018359660
2020343993	2019234025	2017315340	2021254641	2019291488	2019291488
<u>A22C 17 /-</u>	2021236506	2019258653 2019280830	<u>A61K 33 /-</u>	2020200561	<u>A61P 33 /-</u>
2019211003	<u>A46B 9 /-</u>	<u>A61B 6 /-</u>	2016319622	<u>A61L 2 /-</u>	2020201268
<u>A22C 25 /-</u>	2019234025 2021236506	2017257254	<u>A61K 35 /-</u>	2016333961	<u>A61P 35 /-</u>
2019211003	<u>A46D 1 /-</u>	<u>A61C 19 /-</u>	2016275566 2017238476	<u>A61L 24 /-</u>	2017220738 2017368155
<u>A23C 3 /-</u>	2019234025	2016319622	2017240150 2018372235	2020255319	2019301944 2019426666
2019327184	<u>A47C 27 /-</u>	<u>A61D 1 /-</u>	<u>A61K 38 /-</u>	2020201268	2020201329 2020202904
<u>A23C 7 /-</u>	2020200278	2018313951	2016320544 2017240150	<u>A61M 15 /-</u>	<u>A61P 43 /-</u>
2019327184		<u>A61F 13 /-</u>	2017330430	2020200005	2016275566

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<u>A61Q 1 /-</u>	<u>B03B 13 /-</u>	2016371228	2015356566	<u>C07D 215 /-</u>	2017220738 2017366879
2016358645	2018419252	<u>B42D 25 /-</u>	<u>B64G 3 /-</u>	2019373245	<u>C07D 493 /-</u>
<u>A61Q 11 /-</u>	<u>B05B 3 /-</u>	2017266212	2019226072	<u>C07D 221 /-</u>	2018268960 2018268961
2017263532	2019358775	<u>B21D 1 /-</u>	<u>B60C 11 /-</u>	2017286128	
2018384646	2018402887	2018404446	<u>B65B 11 /-</u>	<u>C07D 239 /-</u>	<u>C07D 495 /-</u>
2019209400	2016318469		<u>B65B 19 /-</u>	2019373245	2019291488
<u>A61Q 17 /-</u>	<u>B21D 51 /-</u>	2017203496	2018373384	<u>C07D 249 /-</u>	<u>C07D 519 /-</u>
2017263532	2016318469		<u>B65B 43 /-</u>	2019373245	2017366879
<u>A61Q 19 /-</u>	<u>B22F 3 /-</u>	2019338507	2018373384	<u>C07D 261 /-</u>	<u>C07H 1 /-</u>
2017263532	2016371228	2019339956	<u>B65B 7 /-</u>	2017368234	2017444369
<u>A61Q 5 /-</u>	<u>B23K 1 /-</u>	2019340500	2018373384	<u>C07D 311 /-</u>	<u>C07H 15 /-</u>
2017263532	2018367425	<u>B60P 1 /-</u>	<u>B65D 83 /-</u>	2019373245	2017444369
<u>A61Q 7 /-</u>	2019222263	2017231099	2017263532	<u>C07D 401 /-</u>	<u>C07H 21 /-</u>
2017263532	<u>B23K 35 /-</u>	<u>B60R 1 /-</u>	<u>B65D 85 /-</u>	2017366879	2016324800
<u>A63B 21 /-</u>	2018367425	2018205152	2017222935	2018210272	2017444369
2016292873	2019222263	<u>B60S 5 /-</u>	<u>B65G 1 /-</u>	2018245892	
<u>A63B 5 /-</u>	<u>B23K 5 /-</u>	2017226954	2016354627	2019373245	2017296295
2017369740	2018367425	<u>B61G 1 /-</u>	<u>B65G 29 /-</u>	<u>C07D 403 /-</u>	<u>C07J 43 /-</u>
<u>A63B 7 /-</u>	<u>B23K 7 /-</u>	2019296795	2017220738		
2016292873	2018367425		2016335570	2017366879	2017296295
<u>A63F 1 /-</u>	<u>B25J 11 /-</u>	<u>B61K 9 /-</u>	2018210272	2018210272	2020207810
2017261375	2019262467	2017238169	<u>B66B 13 /-</u>	2018218307	<u>C07J 7 /-</u>
<u>A63F 9 /-</u>	<u>B25J 9 /-</u>	201722647	2018245892	2019373245	2017296295
2017261375	2019262467	2018201898	2016354627	<u>C07D 405 /-</u>	<u>C07J 9 /-</u>
<u>B01D 63 /-</u>	<u>B29C 45 /-</u>	2018201912	2019321035	2017220738	2017345399
2017272760	2016289524	<u>B62D 63 /-</u>	<u>C01B 21 /-</u>	2019373245	2017345400
<u>B01D 69 /-</u>	<u>B29C 49 /-</u>	2017231099	<u>C01B 32 /-</u>	<u>C07D 409 /-</u>	<u>C07K 14 /-</u>
2017272760	2016289524	<u>B63B 21 /-</u>	<u>C01B 33 /-</u>	2017220738	2017222687
<u>B01D 71 /-</u>	<u>B29C 67 /-</u>	2017201150	<u>C01B 413 /-</u>	2017240150	2017330430
2017272760	2016371228	<u>B63B 23 /-</u>	2019433066	2019373245	2017368155
<u>B01J 19 /-</u>	<u>B29C 70 /-</u>	2017205898	<u>C02F 1 /-</u>	<u>C07D 417 /-</u>	2017395700
2017324412	2016347850	<u>B63B 27 /-</u>	2018215882	2019373245	2020281108
<u>B01J 20 /-</u>	<u>B29K 67 /-</u>	2017205898	<u>C04B 24 /-</u>	<u>C07D 455 /-</u>	<u>C07K 16 /-</u>
2020200561	2016289524	<u>B63B 29 /-</u>	2017259955	2017395704	2016233495
<u>B01L 3 /-</u>	<u>B32B 15 /-</u>	2019208157	<u>C05G 3 /-</u>	<u>C07D 471 /-</u>	2016243160
2017204600	2020220086	<u>B63B 34 /-</u>	<u>C07D 213 /-</u>	2017220738	2016250023
<u>B01L 99 /-</u>	<u>B33Y 10 /-</u>	2019208157	2019373245	2018394939	2016292896
2017204600	2016371228	<u>B63B 35 /-</u>	<u>C07D 487 /-</u>	2018236336	2018353787
				2019426666	2019236675
				2019373245	2020200324
				<u>C07K 5 /-</u>	
				<u>C07K 7 /-</u>	
				<u>C07K 491 /-</u>	
				<u>C07K 7 /-</u>	

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2017330430	2017431676	<b>C12H 1 /-</b>	2017305757	<b>F16L 33 /-</b>
<b>C08B 37 /-</b>	2021267443	<b>C22B 3 /-</b>	<b>E04G 21 /-</b>	2017219429
<b>C08L 7 /-</b>	2018217961	<b>C22C 5 /-</b>	2016347850	
2017326168	2017348076	<b>C12M 1 /-</b>	<b>E05B 17 /-</b>	<b>F16L 53 /-</b>
<b>C08F 2 /-</b>	2020245293	<b>C08L 75 /-</b>	2018313165	2017219429
2016366172	2020309582	2019222263		<b>F22B 1 /-</b>
2017324412	2021267443	<b>C12N 1 /-</b>	<b>E06B 9 /-</b>	2021200447
<b>C08F 20 /-</b>	2018220470	<b>D01F 6 /-</b>	2017244844	
2020207864	2020277168	2017272760	<b>E21B 34 /-</b>	<b>F24C 15 /-</b>
<b>C08F 220 /-</b>	2020343993	<b>D04H 1 /-</b>	2019309219	
<b>C09D 133 /-</b>	<b>C12N 15 /-</b>	2015416315	<b>E21B 41 /-</b>	<b>F24C 7 /-</b>
2021277747	2019396544	2016203557	<b>D04H 13 /-</b>	2018318597
<b>C08F 26 /-</b>	2016208913	2016305181	2020204531	<b>F24F 1 /-</b>
2016366172	2016316439	2016316439	<b>E21B 43 /-</b>	2018327937
<b>C08G 18 /-</b>	2017324946	<b>E01B 3 /-</b>	2016366172	2019326971
<b>C09D 4 /-</b>	2018220470	2018425837	2021277747	
2021267443	2018372235	<b>E01F 13 /-</b>	<b>E21B 44 /-</b>	<b>F24F 11 /-</b>
<b>C09D 5 /-</b>	2019236591	2019236675	2020204531	2019326971
<b>C08G 65 /-</b>	2019236675	2020201268	2016348894	2019436880
2020202816	2020309582	<b>E01F 15 /-</b>	<b>E21B 49 /-</b>	2020215007
<b>C08J 11 /-</b>	<b>C09J 183 /-</b>	<b>C12N 5 /-</b>		<b>F24F 110 /-</b>
2017431676	2020255319	2016348894	2020204531	2019436880
<b>C08J 3 /-</b>	<b>C09K 21 /-</b>	2015325028	<b>E21D 13 /-</b>	
2016366172	2016227629	2016208913	<b>E02D 29 /-</b>	<b>F24F 120 /-</b>
2017325118	2016305181	2017202174	2020267195	
<b>C08J 9 /-</b>	<b>C09K 8 /-</b>	<b>C12N 7 /-</b>	<b>E21D 9 /-</b>	<b>F24F 13 /-</b>
2020207864	2016203557	2017203496	2020267195	2018327937
<b>C08K 3 /-</b>	2021277747	<b>E03C 1 /-</b>	<b>E21F 11 /-</b>	
<b>C10J 3 /-</b>	<b>C12N 9 /-</b>	2017228602	<b>E21F 11 /-</b>	<b>F24F 130 /-</b>
2017325118	2017395700	<b>E04B 1 /-</b>	<b>F01K 23 /-</b>	2019436880
2020207864	2018220470	2016277837	2019321035	<b>F24F 140 /-</b>
<b>C08L 1 /-</b>	<b>C10L 1 /-</b>	2016308775	2021200447	2019436880
2017362950	2017251726	<b>E04B 2 /-</b>	<b>F02C 6 /-</b>	<b>F25B 1 /-</b>
<b>C08L 15 /-</b>	<b>C10L 10 /-</b>	2017305757	2019321035	2020215007
2017348076	2017251726	<b>C12P 19 /-</b>	2019326971	
<b>C08L 23 /-</b>	<b>C10L 3 /-</b>	2017202174	<b>F16B 25 /-</b>	<b>F25B 17 /-</b>
2017324412	2018367425	<b>C12Q 1 /-</b>	2016277837	2019321035
2017348076	<b>C10L 5 /-</b>	2015255211	<b>F16D 57 /-</b>	<b>F25B 41 /-</b>
<b>C08L 31 /-</b>	2015314813	<b>E04C 2 /-</b>	2019358775	2020215007
2016433246	2019357221	2016256302	2016347850	
<b>C08L 33 /-</b>	2016261850	<b>E04F 13 /-</b>	<b>F16K 15 /-</b>	<b>F25B 49 /-</b>
2020207864	2017324946	2018294743	2017300752	2020215007
2021277747	2020245293	2020227018	<b>F16K 27 /-</b>	<b>F25D 25 /-</b>
<b>C08L 5 /-</b>	2020309582	2018294743	2017300752	2019319458
<b>C11B 1 /-</b>	<b>C12R 1 /-</b>	<b>E04F 15 /-</b>	2017300752	
2020277168	2020277168	2020227018	<b>F16L 25 /-</b>	<b>F41A 21 /-</b>
2017362950	<b>C12G 1 /-</b>	2020343993	<b>E04F 19 /-</b>	2017219429
<b>C08L 67 /-</b>	2018217961	<b>C13K 1 /-</b>	2020227018	2021258054

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<u>F41A 33 /-</u>	2019211003	<u>G06F 16 /-</u>	2018355097	2019289081	<u>H01L 33 /-</u>
2019236675			2021201028		
2021258054	2019291975	<u>G06Q 10 /-</u>		<u>G10L 15 /-</u>	2019222263
	2020200324	2020203501			
<u>F41G 3 /-</u>	2020256315			2020294187	<u>H01M 50 /-</u>
2021258054	<u>G01N 35 /-</u>		2019373402	<u>G10L 19 /-</u>	2019326433
	2020201285	<u>G06F 17 /-</u>	2019432434		
<u>G01B 11 /-</u>	2020245293	2016294674	2020257022	2017288254	<u>H01P 3 /-</u>
2016294674	2017240604	<u>G06Q 20 /-</u>		2019337086	2019344542
	2021200811				
<u>G01C 15 /-</u>	2017372909	<u>G06F 21 /-</u>	2021200535	<u>G10L 21 /-</u>	<u>H01P 5 /-</u>
2021286351	<u>G01S 17 /-</u>	2017240604	<u>G06Q 30 /-</u>	2017288254	2019344542
	2018225077				
<u>G01C 3 /-</u>	2021202664	2019262187	2020202924	<u>G10L 25 /-</u>	<u>H01Q 1 /-</u>
2021202664	2021286351	2019337086	<u>G06Q 50 /-</u>	2020294187	2018440086
	2021200535	2021200535			2020326877
<u>G01D 21 /-</u>	<u>G01S 5 /-</u>		2019432434	<u>G16B 20 /-</u>	
	2020203281	<u>G06F 3 /-</u>	2020203501	2018288772	<u>H01Q 13 /-</u>
2017372909	2017331809	<u>G06T 1 /-</u>		<u>G16B 30 /-</u>	2019344542
	2018216529				
<u>G01F 1 /-</u>	2019226072	2016315938			
2018436948	2021202664	2019281373	2017240604	2018288772	<u>H01Q 21 /-</u>
	2021286351	2020201288	<u>G06T 11 /-</u>	<u>G16B 40 /-</u>	2020326877
<u>G01J 1 /-</u>	<u>G01T 1 /-</u>	2020204102			
	2020217360	2019226072	2018288772	<u>H01Q 5 /-</u>	
2017372909	2018419252	<u>G06F 40 /-</u>	<u>G06T 7 /-</u>	<u>G21C 1 /-</u>	2016315938
<u>G01J 3 /-</u>	<u>G01V 1 /-</u>	2020301722	<u>G06V 10 /-</u>	2017261230	<u>H01Q 9 /-</u>
2021286351	2016372356	<u>G06F 7 /-</u>	2021202716	<u>G21C 11 /-</u>	2020326877
<u>G01M 9 /-</u>	<u>G01V 11 /-</u>	2020204531	<u>G06V 10 /-</u>	2017261230	<u>H01T 13 /-</u>
2016294674	2020204531	2021200811	2016315938	<u>G21C 15 /-</u>	2017371533
			2021202716		
<u>G01N 15 /-</u>	<u>G01V 3 /-</u>	<u>G06F 8 /-</u>			
	2018225077	<u>G06V 20 /-</u>	2017261230	<u>H02G 3 /-</u>	
2017281681	2020204531				
2017328510	<u>G02B 27 /-</u>	<u>G06F 9 /-</u>	2016315938	<u>G21C 3 /-</u>	2018387344
2017340136			2017238861		
2017428034	2019218741	2018216529	<u>G07C 9 /-</u>	2017261230	<u>H02H 7 /-</u>
	2019262182	2019262182	2018389642	<u>G21C 5 /-</u>	2017203527
<u>G01N 17 /-</u>	<u>G02B 3 /-</u>	2019262187	<u>G07F 1 /-</u>	2017261230	<u>H02P 21 /-</u>
	2017266212	<u>G06K 19 /-</u>	2017261375	<u>G21K 1 /-</u>	2020205264
<u>G01N 21 /-</u>	<u>G02B 30 /-</u>	2017222935	<u>G08B 19 /-</u>	2018419252	<u>H02S 20 /-</u>
2017281681					
2019211003	2019218741	<u>G06K 5 /-</u>	2021201496	<u>H01F 27 /-</u>	2019291975
<u>G01N 23 /-</u>	<u>G02B 6 /-</u>	2017261375	<u>G08B 31 /-</u>	2019254161	<u>H03F 1 /-</u>
2018419252	2017229861	<u>G06K 7 /-</u>	2021201496	<u>H01F 38 /-</u>	2017345508
	2017229863				
<u>G01N 29 /-</u>	<u>G02C 7 /-</u>	2017261375	<u>G08B 7 /-</u>	2019254161	<u>H03F 3 /-</u>
2016368685					
	2017222472	<u>G06K 9 /-</u>	2020212041	<u>H01L 23 /-</u>	2017345508
<u>G01N 30 /-</u>	<u>G03B 35 /-</u>	2016315938	<u>G08C 17 /-</u>	2019222263	<u>H03K 19 /-</u>
2018329025		2019226072		2020294174	
	2017266212	2019258653	2018201368		2021200535
<u>G01N 33 /-</u>	<u>G03H 1 /-</u>	<u>G06N 3 /-</u>	<u>G08C 25 /-</u>	<u>H01L 27 /-</u>	<u>H04B 1 /-</u>
2015314813					
2015373584	2017281681	2016315938	2018201372	2020294174	2016333961
2016233495		2019258653		<u>H01L 31 /-</u>	2017297188
2016348558	<u>G05D 1 /-</u>				
2017204600			<u>G09B 23 /-</u>	2019291975	<u>H04B 7 /-</u>
2018379263	2020281035	<u>G06N 99 /-</u>	2016267595		

## Applications Accepted - IPC Index cont'd

2017397501  
2018215316

2019248667  
**H04W 36 /-**

**H04L 1 /-**

2017352937  
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**H04W 4 /-**

**H04L 27 /-**

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**H04W 52 /-**

**H04L 41 /-**

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**H04W 56 /-**

**H04L 43 /-**

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**H04W 64 /-**

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**H04L 45 /-**

**H04W 72 /-**

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**H04L 5 /-**

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**H04L 67 /-**

**H04W 74 /-**

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**H04W 8 /-**

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**H04M 3 /-**

**H04W 84 /-**

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**H04N 19 /-**

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**H04W 88 /-**

**H04N 21 /-**

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**H04W 92 /-**

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**H04W 16 /-**

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**H04W 24 /-**

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2017383771

**H04W 28 /-**

**Certified Innovation Patents****Name Index**

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

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(71) Apple Inc.  
(11) AU-B-2021102652  
(21) 2021102652 (22) 18.05.2021  
(54) User interfaces for viewing and refining the current location of an electronic device  
(51) Int. Cl.  
    *G06F 3/048* (2013.01)  
    *G09G 5/373* (2006.01)  
(31) 63/026275 (32) 18.05.20 (33) US  
    63/041984 21.06.20 US  
(45) 24.02.2022  
(72) UZUM VELLA, Isil; ANDRICH, Brian J.;  
    APUY, Ryan Won-meng; HAJJ, Usama M.; SODERVALL, Erik G.; FIGUEROA, Hollie Renee; LI, Linghao; JOHNSON, Martin E.  
(74) FPA Patent Attorneys Pty Ltd

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(71) Fraser, M.A.  
(11) AU-B-2021105432  
(21) 2021105432 (22) 13.08.2021  
(54) A Marina  
(51) Int. Cl.  
    *E02B 3/06* (2006.01)  
(45) 24.02.2022  
(72) Fraser, Mark Andrew  
(74) Spruson & Ferguson

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(71) HITIQ LIMITED  
(11) AU-B-2021107530  
(21) 2021107530 (22) 30.08.2021  
(54) A PROTECTIVE MOUTHGUARD DEVICE CONFIGURED TO ENABLE MEASUREMENT OF CIRCULATORY SYSTEM PARAMETERS  
(51) Int. Cl.  
    *A61B 5/00* (2006.01)  
    *A61B 5/1455* (2006.01)  
    *A63B 71/08* (2006.01)  
(45) 24.02.2022  
(62) 2021221577  
(72) Veger, Mike; Nizette, Ben; Erikson, David  
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

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(71) LifePoint International Pty Ltd  
(11) AU-B-2021103202  
(21) 2021103202 (22) 08.06.2021  
(54) Assembly & Indicator for a Threaded Bolt  
(51) Int. Cl.  
    *E04G 21/32* (2006.01)  
    *A62B 35/00* (2006.01)  
    *F16B 31/02* (2006.01)

Numerical Index

**2021102652** Apple Inc.  
**2021103202** LifePoint International Pty Ltd  
**2021105432** Fraser, M.A.  
**2021107530** HITIQ LIMITED

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E04G 21 /-

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F16B 31 /-

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G06F 3 /-

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G09G 5 /-

2021102652

**Patents Granted****Standard Patents**

2015259303	2015272128	2015293077	2015294354
2015318811	2015330734	2015349692	2015359884
2015360260	2015365583	2015398422	2015415888
2016204819	2016205983	2016210068	2016210070
2016214117	2016215505	2016219288	2016219785
2016230827	2016241901	2016246722	2016249717
2016259364	2016259747	2016262466	2016264503
2016270569	2016274784	2016278335	2016284696
2016285471	2016287787	2016293110	2016296471
2016296962	2016298171	2016298612	2016298735
2016304194	2016306185	2016306710	2016312958
2016318443	2016319392	2016320480	2016322051
2016326418	2016327042	2016329632	2016330007
2016333854	2016340072	2016341241	2016348605
2016349359	2016354665	2016358977	2016361331
2016361441	2016364837	2016365200	2016368265
2016368453	2016369392	2016370284	2016374872
2016375480	2016377566	2016377582	2016380284
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2016413286	2016414625	2016419993	2016425408
2017201819	2017204327	2017204566	2017205338
2017206108	2017207293	2017208165	2017210156
2017211423	2017213391	2017223244	2017224004
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2017246962	2017248237	2017255496	2017260549
2017264006	2017267463	2017268647	2017268810
2017273975	2017274279	2017277846	2017280925
2017285323	2017285406	2017286771	2017290248
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2017326006	2017334731	2017338772	2017341020
2017345537	2017347017	2017356878	2017357332
2017376402	2017381449	2017386512	2017390821
2017421651	2017431198	2017439979	2017440824
2018204104	2018208103	2018211354	2018211539
2018213119	2018243676	2018255300	2018255492
2018257122	2018257718	2018272738	2018274215
2018281297	2018286352	2018287728	2018291859
2018299995	2018312095	2018316017	2018322835
2018326111	2018329171	2018331533	2018335280
2018337954	2018338196	2018339746	2018343159
2018345817	2018349652	2018351932	2018358456
2018360434	2018363611	2018365930	2018366571
2018374039	2018384551	2018390439	2018395353
2018397044	2018398427	2018409908	2018415738
2018416808	2018424260	2018430473	2018432185
2018456019	2019200023	2019200670	2019203125
2019204823	2019204827	2019208240	2019214773
2019216607	2019217623	2019217643	2019217816
2019218186	2019220559	2019222296	2019225774
2019226146	2019227102	2019227478	2019227764
2019228798	2019229425	2019229459	2019230097
2019235120	2019236371	2019236617	2019236709
2019240585	2019240589	2019240700	2019242127
2019242902	2019243627	2019245339	2019245717
2019248266	2019253437	2019253831	2019255473
2019257469	2019261274	2019261707	2019261747
2019261796	2019261820	2019262986	2019264552
2019266065	2019266171	2019271919	2019275518
2019277283	2019280018	2019283769	2019284085
2019284088	2019287584	2019292493	2019295592
2019298545	2019309667	2019310360	201935127
2019356032	2019369728	2019372694	2019421078
2019437773	2019439273	2020200432	2020200476

**Patents Granted****Standard Patents**

2020200478	2020200807	2020201414	2020201476
2020201546	2020201610	2020201652	2020201684
2020201765	2020201817	2020202135	2020202188
2020202396	2020202621	2020203326	2020203496
2020203504	2020203559	2020203653	2020203732
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2020204177	2020204417	2020210265	2020213341
2020220090	2020222309	2020223724	2020228044
2020228375	2020230314	2020237426	2020239686
2020239689	2020239731	2020250200	2020256355
2020260413	2020269393	2020281009	2020281128
2020289799	2020289814	2020385366	2021200170
2021200258	2021200544	2021200965	2021201239
2021201551	2021202544	2021204191	

**Innovation Patents**

2018102234	2021102726	2021107585	2021107657
2022100000	2022100011		

**Revocation**

It is hereby notified that the offer by the Patentee **Rovi Solutions Corporation** to surrender Patent 2005302561 which was advertised in the Official Journal of 06.01.2022 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Rovi Solutions Corporation** to surrender Patent 2007309640 which was advertised in the Official Journal of 06.01.2022 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Rovi Solutions Corporation** to surrender Patent 2008248174 which was advertised in the Official Journal of 06.01.2022 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **Rovi Solutions Corporation** to surrender Patent 2008266308 which was advertised in the Official Journal of 06.01.2022 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

**Assignments Registered**

2003215312 Crane Pumps & Systems, Inc. The patent has been assigned to **Crane Pumps & Systems PFT Corp.**

2004205153 Crabnco Pty Ltd The patent has been assigned to **RPM INNOVATIONS PTY LTD**

2006244791 DiNonA Inc. The patent has been assigned to **Kumho HT, Inc.**

2007237096 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2007265453 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2007265454 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2007265455 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2009302329 Ross Technology Corporation The patent has been assigned to **SSW Advanced Technologies, LLC**

2010203352 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

**Assignments Registered**

2010203357 Goldfinch Solutions, LLC The patent has been assigned to **Carne Tender, LLC**

2010261904 ABB Schweiz AG The patent has been assigned to **Hitachi Energy Switzerland AG; ABB Schweiz AG**

2011312203 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2012200253 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2012201502 Wamlez Pty Ltd The patent has been assigned to **Screw It Fasteners Pty Ltd**

2012323849 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2012323856 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2013242512 BioNTech RNA Pharmaceuticals GmbH; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH The patent has been assigned to **BioNTech SE; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

2013277643 Z-Medica, LLC The patent has been assigned to **Teleflex Life Sciences Limited**

2013317896 Z-Medica, LLC The patent has been assigned to **Teleflex Life Sciences Limited**

2013341091 Sandstone Diagnostics, Inc. The patent has been assigned to **Laboratory Corporation of America Holdings**

2013401479 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH The patent has been assigned to **BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

2014202211 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2014214886 Sandstone Diagnostics, Inc. The patent has been assigned to **Laboratory Corporation of America Holdings**

2014233363 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2014240404 Aimimmune Therapeutics, Inc. The patent has been assigned to **Societe Des Produits Nestle S.A.**

2014264943 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH The patent has been assigned to **TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH; BioNTech SE**

2014355231 Cyclotec Limited The patent has been assigned to **Hamilton & Ponsaing ApS**

2014386903 Ferring International Center S.A. The patent has been assigned to **Pharmbio Korea Co., Ltd.**

2015101962 Pulz, Robert The patent has been assigned to **TRHC PTY LTD**

**Assignments Registered**

2015246140 Z-Medica, LLC The patent has been assigned to **Teleflex Life Sciences Limited**

2015335054 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH The patent has been assigned to **BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH**

2016203254 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2016204410 AERPIO PHARMACEUTICALS, INC. The patent has been assigned to **Eyepoint Pharmaceuticals, Inc.**

2016207955 TRON - Translationale onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH; BioNTech RNA Pharmaceuticals GmbH; Universität Stuttgart The patent has been assigned to **BioNTech SE; Universität Stuttgart; TRON - Translationale onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH**

2016231523 Aimimmune Therapeutics, Inc. The patent has been assigned to **Societe Des Produits Nestle S.A.**

2016239318 BioNTech RNA Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH The patent has been assigned to **TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH; BioNTech SE**

2016328969 Ammonett Pharma LLC The patent has been assigned to **Lumos Pharma, Inc.**

2016335029 TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH; BioNTech RNA Pharmaceuticals GmbH The patent has been assigned to **TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH; BioNTech SE**

2016372489 TRON Translationale onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH; BioNTech RNA Pharmaceuticals GmbH The patent has been assigned to **BioNTech SE; TRON Translationale onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH**

2016407538 SON HA GREEN ENVIRONMENT TECHNOLOGY SCIENCE JOINT STOCK COMPANY (SON HA GREEN., JSC) The patent has been assigned to **Truong, Van Dan**

2016430166 ABB Schweiz AG The patent has been assigned to **ABB Schweiz AG; Hitachi Energy Switzerland AG**

2017201139 Z-Medica, LLC The patent has been assigned to **Teleflex Life Sciences Limited**

2017215178 Mallinckrodt Hospital Products IP Limited The patent has been assigned to **Mallinckrodt Pharmaceuticals Ireland Limited**

2017253480 Flint Group Germany GmbH The patent has been assigned to **Flint Group Sweden AB**

2017267050 Unilever PLC The patent has been assigned to **Unilever Global IP Limited**

2017279565 TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech RNA Pharmaceuticals GmbH The patent has been assigned to **TRON-Translationale Onkologie an der Universitätsmed-**

**Assignments Registered**

**izin der Johannes Gutenberg-Universitat Mainz Gemeinnutzige GmbH; BioNTech SE**

2017297989 Osteros Biomedica Ltd The patent has been assigned to **Maxwell Biotech Group Ltd.**

2017417148 ABB Schweiz AG The patent has been assigned to **ABB Schweiz AG; Hitachi Energy Switzerland AG**

2019100389 ZHANG, Yunyi The patent has been assigned to **Micro Energy Harvesting LLC**

2019101418 Safe Barriers Development Co. Pte. Ltd The patent has been assigned to **Safe Barriers Pte Ltd**

**Mortgages Registered - Section 187, Reg. 19**

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

2015370679 Autolus Limited ( BXLS V – AUTOBAHN L.P. )

2016227498 Autolus Limited ( BXLS V - AUTOBAHN L.P. )

**Discharge of a Mortgage**

2013371074 Discharge of a Mortgage was made in the Register on 21.01.2022 .

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

The following application(s) for Extension of Term have been accepted under Section 74.

Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.

2008221071 **Bayer Intellectual Property GmbH**

The earliest first regulatory approval date provided by the patentee 25 Nov 2021

For the goods KERENDIA finerenone

Address for service : Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

**Extensions granted**

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

2015202410 **Novartis AG**

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

For the goods BEOVU brolucizumab

Extension of Term of patent pursuant to Section 77 expires on 21 May 2028

2015328174 **Vertex Pharmaceuticals Incorporated**

The earliest first regulatory approval date provided by the patentee 24 Mar 2021

For the goods TRIKAFTA elexacaftor

Extension of Term of patent pursuant to Section 77 expires on 24 Mar 2036

**Corrigenda**

In Vol 35 , No 49 , Page(s) 9494 under the heading **Amendments - Application for Amendments** Under the name Neuronano AB, Applica-

**Corrigenda**

tion No. 2018278771 correct the co-inventor of the statements filed to read THELIN, Jonas

In Vol 36 , No 5 , Page(s) 694 under the heading **Applications Accepted - Name Index** Under the name Katsumi Shibata; JRTech Co. Ltd.; Best Alliance Co., Ltd. Application No 2020371331, under INID (71) correct the co-applicant name to JRTEC CO., LTD.

In Vol 36 , No 6 , Page(s) 735 under the heading **Amendments - Application for Amendments** Under the name OncoSelect Therapeutics, LLC, Patent Application No. 2017283653 correct the date of the statements filed to read 01 Dec 2021 and 24 Jan 2022

In Vol 36 , No 7 , Page(s) 884 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name ABL Bio Inc.; Yuhua Corporation., Application No. 2020320233, under INID (54) correct the title to Anti-HER2/anti-4-1BB bispecific antibody and use thereof

In Vol 36 , No 7 , Page(s) 887 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Ascentawits Pharmaceuticals, Ltd., Application No. 2020314494, under INID (71) correct the applicant name to OBI Pharma, Inc.

In Vol 36 , No 7 , Page(s) 890 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc., Application No. 2020316506, under INID (31) remove priority PCT/CN2019/097288; remove priority PCT/CN2019/098204

**Specifications Republished**

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

2017276507	<b>Giesecke+Devrient Currency Technology GmbH</b>
2017281659	<b>Centre National de la Recherche Scientifique (CNRS); Universite de Montpellier; Ecole Nationale Superieure de Chimie de Montpellier - ENSCM</b>
2019215270	<b>Qualcomm Incorporated</b>