



**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*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

*INID (Internationally agreed Numbers for the Identification of Data)*

## **GUIDE TO THE USE OF THIS JOURNAL**

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

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

**(i) FILING -**

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

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

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

**(iii) ACCEPTANCE -**

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

**(iv) OPPOSITION -**

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

**(v) GRANTING -**

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

**(vi) CERTIFICATION**

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

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

### **How To Identify Information Using "INID" Numbers**

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

#### See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

<u>ITEM</u>	<u>INID 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.

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 7 November 2019**  
**Abstract of Decision**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

*Trackspares (Australia) Pty Ltd v Caterpillar Inc. [2019] APO 47*

Patent: 781193 (2001073400)

Title: Joint Assembly to Resist Galling

Patentee: Caterpillar Inc.

Opponent: Trackspares (Australia) Pty Ltd

Delegate: M. G. Kraefft

Decision Date: 23 October 2019

Hearing Date: 13 August 2019, in Melbourne

Catchwords: **PATENTS** – opposition under section 104 – allowability of amendments under section 102 – compliance with section 102 as a result of the amendment considered – subsection 40(3) – opponent's points on lack of clarity, fair basis, succinctness not established as a result of amendment – certain claims found non-compliant with section 102 on other points – proposed amendments refused.

Representation: Counsel for the patentee: Mr Ian Horak  
Patent attorneys for the patentee: Ms Daneta Crump and Mr Jason Manakis, FPA Patent Attorneys

Patent attorney for the opponent: Mr Bradley Postma, Spruson & Ferguson

## Proceedings under the Patents Act 1990

## **Provisional Applications Filed**

## Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 22 Oct 2019 .

## Provisional Applications Filed - Name Index cont'd

- (71) Ford, A.  
 (21) 2019903969 (22) 22.10.2019  
 (54) CiFS ViOT; Codified Intelligent Flooring System iOT Versions. Using embedded technology within the floor material and/or substrate, the system communicates with users via a range of activated devices, so as to enhance the experience of the user and others
- 
- (71) FRAS Poly Pty Ltd  
 (21) 2019904030 (22) 25.10.2019  
 (54) A Fire-Retardant Antistatic Polyolefin Pipe
- 
- (71) Garvan Institute of Medical Research  
 (21) 2019904027 (22) 25.10.2019  
 (54) Method of treating cancer
- 
- GENG, J. see BUMBY, C.**  
 (21) 2019904009
- 
- (71) GMDx Co Pty Ltd  
 (21) 2019904028 (22) 25.10.2019  
 (54) METHODS FOR DIAGNOSIS AND TREATMENT
- 
- (71) Haldatec Pty Ltd  
 (21) 2019903991 (22) 23.10.2019  
 (54) A VORTEX SUPPRESSION DEVICE
- 
- (71) Hamer, T.  
 (21) 2019904040 (22) 26.10.2019  
 (54) Method and system for privacy preserving and unique identification
- 
- (71) Hazardtech Pty Ltd  
 (21) 2019903970 (22) 22.10.2019  
 (54) Haptic alerting system, method and device
- 
- (71) Houston Utility Service Pty Ltd  
 (21) 2019904020 (22) 25.10.2019  
 (54) CONTAINMENT UNIT
- 
- (71) IP CORNERSTONE PTY LTD  
 (21) 2019904012 (22) 25.10.2019  
 (54) NOVEL USES OF ANTI-INFECTIVE AGENTS IN MINIMALLY INVASIVE PROCEDURES
- 
- (71) Itera Global Pty Ltd  
 (21) 2019903980 (22) 22.10.2019  
 (54) COUPLING ASSEMBLY
- 
- (71) James Hardie Technology Limited  
 (21) 2019903975 (22) 22.10.2019  
 (54) Profiled cladding panel and method of making same
- 
- (71) JJ1 Holdings Pty Ltd  
 (21) 2019904017 (22) 25.10.2019  
 (54) A Biosensory Garment
- 
- (71) JOJELEE PTY LTD  
 (21) 2019904016 (22) 25.10.2019  
 (54) FIRE BARRIER DEVICE AND SYSTEM
- 
- (71) Kakadu R & D Pty Ltd  
 (21) 2019904032 (22) 25.10.2019  
 (54) Method and Apparatus for Complexity Control in High Throughput JPEG 2000 (HTJ2K) Encoding
- 
- (71) Laronix Pty Ltd  
 (21) 2019904001 (22) 24.10.2019  
 (54) Voice generation system and method
- 
- Liang, Y. see Fonterra Co-operative Group Limited**  
 (21) 2019903978
- 
- (71) Macquarie University  
 (21) 2019903956 (22) 21.10.2019  
 (54) MODULATION OF CELLULAR VIABILITY
- 
- (71) Malaxetxetaria, M.  
 (21) 2019904019 (22) 25.10.2019  
 (54) Soil conditioning machinery
- 
- (71) Marcel, B.  
 (21) 2019903953 (22) 21.10.2019  
 (54) Improvements in Window Assemblies
- 
- (71) Monash University  
 (21) 2019903960 (22) 21.10.2019  
 (54) CONTRAST AGENTS
- 
- (71) Morley, G.  
 (21) 2019903959 (22) 21.10.2019  
 (54) Golf Flagstick Converter
- 
- (71) Multigate Medical Devices Pty Ltd  
 (21) 2019904010 (22) 25.10.2019  
 (54) Infusion Pump
- 
- (71) NewSouth Innovations Pty Limited; Royal Melbourne Institute of Technology  
 (21) 2019903954 (22) 21.10.2019  
 (54) Catalysts comprising liquid metals and uses thereof
- 
- (71) Nutrifield Pty Ltd  
 (21) 2019903972 (22) 22.10.2019  
 (54) Plant growth substrate
- 
- (71) OPEC Remediation Technologies Pty Ltd  
 (21) 2019903999 (22) 23.10.2019  
 (54) METHOD AND APPARATUS FOR SEPARATION OF A SUBSTANCE FROM WATER
- 
- (71) Palmaya Pty Ltd  
 (21) 2019904038 (22) 25.10.2019  
 (54) Subcutaneous Infusion of Fluids
- 
- (71) PRIME X CONNECT PTY LTD  
 (21) 2019904044 (22) 28.10.2019  
 (54) PRIMARY PRODUCTION TRADING PLATFORM SYSTEM AND INTERFACE
- 
- (71) Quick, G.  
 (21) 2019903977 (22) 22.10.2019  
 (54) Odour connector trap
- 
- (71) RESMED PTY LTD  
 (21) 2019904002 (22) 24.10.2019  
 (54) SYSTEM AND METHOD FOR CONTINUOUS ADJUSTMENT OF PERSONALIZED MASK SHAPE
- 
- (71) RESMED PTY LTD  
 (21) 2019904004 (22) 24.10.2019  
 (54) SYSTEM AND APPARATUS FOR PATIENT INTERFACE SELECTION
- 
- (71) ROADS & MARITIME SERVICES  
 (21) 2019903986 (22) 23.10.2019  
 (54) Traffic Pole
- 
- (71) ROADS & MARITIME SERVICES  
 (21) 2019903987 (22) 23.10.2019  
 (54) Traffic Lantern
- 
- (71) ROADS & MARITIME SERVICES  
 (21) 2019903988 (22) 23.10.2019  
 (54) MECHANICAL TRAFFIC POLE FUSE
- 
- (71) ROADS & MARITIME SERVICES  
 (21) 2019903989 (22) 23.10.2019  
 (54) TRAFFIC POLE DISTRIBUTION HUB

## Provisional Applications Filed - Name Index cont'd

(71) ROADS & MARITIME SERVICES  
 (21) 2019903990                   (22) 23.10.2019  
 (54) TRAFFIC POLE MOUNTING SOCKET

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(71) Robets, N.; Winichayakul, S.; Beechey-Gradwell, Z.; Cooney, L.  
 (21) 2019904013                   (22) 25.10.2019  
 (54) Methods for improving photosynthetic organisms

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(71) Rocks Gone Pty Ltd  
 (21) 2019903976                   (22) 22.10.2019  
 (54) GROUND ENGAGING TOOL ATTACHMENT ARRANGEMENT

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**Royal Melbourne Institute of Technology**  
**see NewSouth Innovations Pty Limited**  
 (21) 2019903954

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(71) Rubicon Research Pty Ltd  
 (21) 2019904003                   (22) 24.10.2019  
 (54) Method and System for Determining Surface Level and Soil Infiltration Under Irrigation

---

(71) Sandleford Holdings Pty Ltd  
 (21) 2019904037                   (22) 25.10.2019  
 (54) Fence System

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(71) Schneiders, E.  
 (21) 2019904041                   (22) 27.10.2019  
 (54) Beverage Container Holder for use with High Chair

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(71) Sciacca, F.  
 (21) 2019903996                   (22) 23.10.2019  
 (54) Entomopathogenic fungal isolates

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(71) Seed Terminator Holdings Pty Ltd  
 (21) 2019904039                   (22) 25.10.2019  
 (54) A HAMMER MILL BARREL AND ASSOCIATED HAMMER MILL

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(71) Shahram, S.  
 (21) 2019904042                   (22) 27.10.2019  
 (54) Apparatus and Method for Clearing Debris from Mine Site Roadways

---

(71) Shaw, T.  
 (21) 2019903981                   (22) 22.10.2019  
 (54) TRAVEL PILLOW WITH NECK AND HEAD SUPPORT

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(71) Shenstone Design Pty Ltd  
 (21) 2019903998                   (22) 23.10.2019  
 (54) Retainer for a Shutter

---

(71) Spectral Change Pty Ltd  
 (21) 2019904014                   (22) 25.10.2019  
 (54) METHODS AND SYSTEMS FOR ASSESSING A CHARACTERISTIC OF A WINE PRODUCT

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(71) Steriline Racing Pty Ltd  
 (21) 2019904022                   (22) 25.10.2019  
 (54) BARRIER ATTENDANT SAFETY STEP

---

(71) Summit Innovations Holdings Pty Ltd  
 (21) 2019903958                   (22) 21.10.2019  
 (54) Sensor and associated system and method for detecting a vehicle

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(71) Swan Hill Engineering Pty Ltd  
 (21) 2019904035                   (22) 25.10.2019  
 (54) Triangular truss for a retail building structure

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(71) Tech Gym Pty Ltd  
 (21) 2019903951                   (22) 21.10.2019  
 (54) Systems for mechanically assisting rehabilitation of a patient

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(71) The Council of The Queensland Institute of Medical Research  
 (21) 2019903995                   (22) 23.10.2019  
 (54) Adoptive immunotherapy

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(71) The Council of The Queensland Institute of Medical Research  
 (21) 2019904005                   (22) 24.10.2019  
 (54) A cancer diagnostic

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(71) The Florey Institute of Neuroscience and Mental Health  
 (21) 2019904023                   (22) 25.10.2019  
 (54) Peptide-based delivery of agents

---

**The Sydney Children's Hospitals Network (Randwick and Westmead) (incorporating The Royal Alexandra Hospital for Children)**  
**see Children's Medical Research Institute**  
 (21) 2019903974

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(71) The University of Queensland  
 (21) 2019903955                   (22) 21.10.2019  
 (54) Dewatering process

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(71) The University of Sydney  
 (21) 2019904006                   (22) 24.10.2019  
 (54) M-MIMO RECEIVER

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(71) Transking Innovations Pty Limited  
 (21) 2019903952                   (22) 21.10.2019  
 (54) Curtain tensioner

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(71) Treated Timber Remediation Pty. Ltd  
 (21) 2019903985                   (22) 23.10.2019  
 (54) Timber Remediation

---

(71) UJGUNOSKI, S.  
 (21) 2019904011                   (22) 25.10.2019  
 (54) AVECAI ARTIFICIAL INTELLIGENCE NEURAL NETWORK SALES PREDICTOR, AVECAI SALES SCORE AND SALES PROFILE, AND SALES STRATEGY MODELLING SOFTWARE.

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(71) University of South Australia  
 (21) 2019904034                   (22) 25.10.2019  
 (54) MICROFLUIDIC SENSOR FOR CONTINUOUS OR SEMI-CONTINUOUS MONITORING OF QUALITY OF AN AQUEOUS SOLUTION

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(71) Unleashed Pty Ltd  
 (21) 2019903961                   (22) 21.10.2019  
 (54) A TRAINING SYSTEM

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(71) VAN BOHEMEN, S.  
 (21) 2019904029                   (22) 25.10.2019  
 (54) METHOD AND APPARATUS FOR DETECTING CHANGES IN BLOOD FLOW IN THE HEAD OF A SUBJECT

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(71) Webster, D.  
 (21) 2019904007                   (22) 24.10.2019  
 (54) An anchor for a watercraft

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**Winichayakul, S. see Robets, N.**  
 (21) 2019904013

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(71) Xero Limited  
 (21) 2019904025                   (22) 25.10.2019  
 (54) Docket analysis methods and systems

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(71) Xu, M.  
 (21) 2019904018                   (22) 25.10.2019  
 (54) A soil barrier biosphere composter

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**Yuan, C. see Fonterra Co-operative Group Limited**  
 (21) 2019903978

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(71) Zil Pty Ltd  
 (21) 2019904033                   (22) 25.10.2019  
 (54) ONLINE PLATFORM FOR FACILITATING DELIVERIES

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2019903951	Tech Gym Pty Ltd	2019904017	JJ1 Holdings Pty Ltd
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2019903955	The University of Queensland	2019904021	Chromeguard Pty Ltd
2019903956	Macquarie University	2019904022	Steriline Racing Pty Ltd
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2019903980	Itera Global Pty Ltd	2019904041	Schneiders, E.
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2019903992	Blackhart, E.		
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2019903996	Sciacca, F.		
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2019903998	Shenstone Design Pty Ltd		
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2019904003	Rubicon Research Pty Ltd		
2019904004	RESMED PTY LTD		
2019904005	The Council of The Queensland Institute of Medical Research		
2019904006	The University of Sydney		
2019904007	Webster, D.		
2019904008	BCI Mining Technology Pty Ltd		
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2019904013	Robets, N.; Winichayakul, S.; Beechey-Gradwell, Z.; Cooney, L.		
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Applications listed below were processed through the Patent Office Canberra during the period ending 22 Oct 2019 .

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

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**8 Rivers Capital, LLC see Palmer Labs,  
LLC**  
(21) 2019253799

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(71) Ab Initio Technology LLC  
(21) 2019253860 (22) 24.10.2019  
(54) DATA QUALITY ANALYSIS  
(62) 2016274791

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(71) Acceleron Pharma Inc.  
(21) 2019253782 (22) 21.10.2019  
(54) Truncated ActRIIB-FC fusion proteins  
(62) 2018200418

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(71) Accenture Global Services Limited  
(21) 2019253767 (22) 21.10.2019  
(54) SYSTEM ARCHITECTURE FOR CUS-  
TOMER GENOME CONSTRUCTION  
AND ANALYSIS  
(62) 2017203106

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(71) Accenture Global Solutions Limited  
(21) 2019253810 (22) 22.10.2019  
(54) AUTOMATIC CONFIGURATION AND  
DEPLOYMENT OF ENVIRONMENTS  
OF A SYSTEM  
(31) 201841041384 (32) 01.11.18 (33) IN

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(71) Accenture Global Solutions Limited  
(21) 2019253836 (22) 23.10.2019  
(54) PROCESSING DATA UTILIZING A  
CORPUS  
(31) 201841043226 (32) 16.11.18 (33) IN  
16/435,785 10.06.19 US

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(71) Accenture Global Solutions Limited  
(21) 2019253839 (22) 23.10.2019  
(54) NATURAL LANGUAGE PROCESSING  
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TION  
(31) 16/358,364 (32) 19.03.19 (33) US  
201811043846 21.11.18 IN

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(71) Accenture Global Solutions Limited  
(21) 2019253844 (22) 23.10.2019  
(54) INTERACTIVE DESIGN AND SUP-  
PORT OF A REFERENCE ARCHITEC-  
TURE  
(31) 16/209,210 (32) 04.12.18 (33) US

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(71) Adagio Medical, Inc.  
(21) 2019253840 (22) 23.10.2019  
(54) Endovascular near critical fluid based  
cryoablation catheter and related meth-  
ods  
(62) 2014327045

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(71) Aguti Produktentwicklung & Design  
GmbH  
(21) 2019253768 (22) 21.10.2019  
(54) Frame of a seat arrangement of a  
vehicle  
(31) 10 2018 126 482.8 (32) 24.10.18 (33) DE

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(71) Alibaba Group Holding Limited  
(21) 2019253827 (22) 23.10.2019  
(54) Method, system, and device for process  
triggering  
(62) 2016347047

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(71) Allergan, Inc.  
(21) 2019253771 (22) 21.10.2019  
(54) Clostridial toxin pharmaceutical com-  
positions  
(62) 2018200288

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(71) Allovate, LLC  
(21) 2019253826 (22) 23.10.2019  
(54) TOOTHPASTE FOR DELIVERING AL-  
LERGENS TO ORAL MUCOSA  
(62) 2014321402

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(71) Angel Playing Cards Co., Ltd.  
(21) 2019253861 (22) 24.10.2019  
(54) Inspection system and management  
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(62) 2017305765

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(71) Angel Playing Cards Co., Ltd.  
(21) 2019253876 (22) 24.10.2019  
(54) SUBSTITUTE CURRENCY FOR GAM-  
ING, INSPECTION DEVICE, AND  
MANUFACTURING METHOD OF SUB-  
STITUTE CURRENCY FOR GAMING,  
AND MANAGEMENT SYSTEM FOR  
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(62) 2017224997

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(71) Anji Pharma (US) LLC  
(21) 2019253780 (22) 21.10.2019  
(54) Chemosensory receptor ligand-based  
therapies  
(62) 2017206190

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(71) Apple Inc.  
(21) 2019250251 (22) 18.10.2019  
(54) Physical activity and workout monitor  
(62) 2019201583

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(71) Apple Inc.  
(21) 2019253875 (22) 24.10.2019  
(54) Adaptive color space transform coding  
(62) 2017265177

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(71) Apple Inc.  
(21) 2019253905 (22) 25.10.2019  
(54) Input device and user interface interac-  
tions  
(62) 2018204351

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(71) Applied Genetic Technologies Corpora-  
tion  
(21) 2019250249 (22) 18.10.2019  
(54) PROMOTERS, EXPRESSION CAS-  
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METHODS FOR THE TREATMENT OF  
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(62) 2017202320

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(71) Aqseptence Group Pty Ltd  
(21) 2019253846 (22) 23.10.2019  
(54) A locking assembly

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(71) Aristocrat Technologies Australia Pty  
Limited  
(21) 2019253853 (22) 23.10.2019  
(54) SYSTEMS AND METHODS FOR  
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CLUDING MERGE AND UNMERGE  
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(62) 2018202507

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(71) Aristocrat Technologies Australia Pty  
Limited  
(21) 2019253854 (22) 23.10.2019  
(54) SYSTEMS AND METHODS FOR  
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(62) 2018202513

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(71) Aristocrat Technologies Australia Pty  
Limited  
(21) 2019253906 (22) 25.10.2019

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- (54) A METHOD OF GAMING, A GAME CONTROLLER, A GAMING DEVICE AND A GAMING SYSTEM  
 (62) 2018200882
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- (71) Aristocrat Technologies Australia Pty Limited  
 (21) 2019253910 (22) 25.10.2019  
 (54) ADAPTIVE DISPLAY SYSTEM AND METHOD FOR A GAMING MACHINE  
 (62) 2018204728
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- (71) Arstasis, Inc.  
 (21) 2019253792 (22) 22.10.2019  
 (54) Vascular access configuration  
 (62) 2017251835
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- (71) Aspen Aerogels, Inc.  
 (21) 2019253873 (22) 24.10.2019  
 (54) Improved hydrophobic aerogel materials  
 (62) 2018214125
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- (71) Astellas Institute for Regenerative Medicine  
 (21) 2019253874 (22) 24.10.2019  
 (54) Photoreceptors and photoreceptor progenitors produced from pluripotent stem cells  
 (62) 2014233403
- 
- (71) Austin Engineering Limited  
 (21) 2019253774 (22) 21.10.2019  
 (54) IMPROVEMENTS TO TRUCK BODIES
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- (71) Avalon Medical Ltd.; Colorado State University Research Foundation  
 (21) 2019253795 (22) 22.10.2019  
 (54) Device and system for transcatheter mitral valve replacement  
 (62) 2017228615
- 
- (71) Axiflux Pty Ltd  
 (21) 2019253808 (22) 22.10.2019  
 (54) ELECTRIC MOTOR/GENERATOR WITH INTEGRATED DIFFERENTIAL  
 (62) 2018200339
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- (71) AZEVAN PHARMACEUTICALS, INC.  
 (21) 2019253831 (22) 23.10.2019  
 (54) COMPOSITIONS AND METHODS FOR TREATING NEURODEGENERATIVE DISEASES  
 (62) 2015237253
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- (71) B. Braun Melsungen AG  
 (21) 2019253911 (22) 25.10.2019  
 (54) Catheter insertion device  
 (62) 2016269475
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- (21) 2019253835
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- (71) Bayer HealthCare LLC  
 (21) 2019253887 (22) 25.10.2019  
 (54) Single-use disposable set connector  
 (62) 2018203857
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- (71) Becton Dickinson France  
 (21) 2019253794 (22) 22.10.2019  
 (54) Drug storage and dispensing system for pre-filled containers  
 (62) 2018204592
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- (71) Beijing 7Invensun Technology Co., Ltd.  
 (21) 2019253847 (22) 23.10.2019  
 (54) Calibration method and apparatus, terminal equipment and storage medium  
 (31) 201811311763.2 (32) 06.11.18 (33) CN
- 
- (71) BetMIX LLC  
 (21) 2019253830 (22) 23.10.2019  
 (54) User interface for skills-based, sports wagering on mobile devices
- 
- BioMed Valley Discoveries, Inc. see The United States of America, as represented by The Secretary, Department of Health and Human Services**  
 (21) 2019253864
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- (71) Biosense Webster (Israel) Ltd.  
 (21) 2019253824 (22) 23.10.2019  
 (54) Use of physician eye tracking during a procedure  
 (62) 2013263727
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- (71) Blackhawk Network, Inc.  
 (21) 2019253898 (22) 25.10.2019  
 (54) System and method for providing a security code  
 (62) 2014204010
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- (71) Boehringer Ingelheim International GmbH  
 (21) 2019253791 (22) 22.10.2019  
 (54) Pharmaceutical composition, methods for treating and uses thereof  
 (62) 2014255727
- 
- (71) Cameron Solutions, Inc.  
 (21) 2019253902 (22) 25.10.2019  
 (54) Divalent ion removal from monoethylene glycol (MEG) feed streams  
 (62) 2014381640
- 
- (71) Cardinal Health Switzerland 515 GmbH  
 (21) 2019250245 (22) 18.10.2019  
 (54) STENT CANNULATION GUIDING DEVICE AND METHOD OF USE  
 (62) 2018226379
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- (71) Case Western Reserve University  
 (21) 2019253820 (22) 22.10.2019  
 (54) DEVICE FOR COLLECTING A BIOLOGICAL SAMPLE  
 (62) 2014361829
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- (71) CFPH, LLC  
 (21) 2019253800 (22) 22.10.2019  
 (54) AGGREGATE GAMING FUNDS  
 (62) 2014215002
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- (71) CFPH, LLC  
 (21) 2019253801 (22) 22.10.2019  
 (54) DISTRIBUTED MATCHING ENGINE  
 (62) 2013359005
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- (71) CFPH, LLC  
 (21) 2019253813 (22) 22.10.2019  
 (54) SYSTEM FOR MANAGING TRADING BETWEEN RELATED ENTITIES  
 (62) 2017251708
- 
- (71) Chen, F.  
 (21) 2019250250 (22) 18.10.2019  
 (54) MOTOR DEVICE  
 (31) 107138082 (32) 26.10.18 (33) TW
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- (71) Chia Tai Tianqing Pharmaceutical Group Co., Ltd.  
 (21) 2019253788 (22) 22.10.2019  
 (54) Pyrrolopyrimidine compounds used as TLR7 agonist  
 (62) 2018236899
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- (71) Choirock Contents Factory Co., Ltd.  
 (21) 2019253851 (22) 23.10.2019  
 (54) Transforming Toy  
 (62) 2016275108
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- (71) CIRIANNI, G.  
 (21) 2019250254 (22) 18.10.2019  
 (54) RECORDING, TRACKING AND EVALUATING SYSTEM  
 (62) 2017251834
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- (71) CloudTraQ, LLC  
 (21) 2019253811 (22) 22.10.2019  
 (54) Identification, location, and authentication systems and methods  
 (62) 2016264755
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- (71) CNH Industrial America LLC  
 (21) 2019253819 (22) 22.10.2019  
 (54) Hydraulic fill system  
 (31) 16/168,351 (32) 23.10.18 (33) US
- 
- (71) Coleman, C.  
 (21) 2019253896 (22) 25.10.2019

BAUR, F. see Lamello AG

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(54) A CELLAR LINER  
 (31) 2018904063 (32) 26.10.18 (33) AU

**Colorado State University Research Foundation see Avalon Medical Ltd.**  
 (21) 2019253795

(71) ConforMIS, Inc.  
 (21) 2019253806 (22) 22.10.2019  
 (54) Advanced methods, techniques, devices, and systems for cruciate retaining knee implants  
 (62) 2017258891

(71) Covidien LP  
 (21) 2019253797 (22) 22.10.2019  
 (54) Buttress for circular EEA staplers  
 (31) 62/756,710 (32) 07.11.18 (33) US  
 16/598,017 10.10.19 US

(71) Covidien LP  
 (21) 2019253798 (22) 22.10.2019  
 (54) Hermetically sealed printed circuit boards  
 (31) 16/598,078 (32) 10.10.19 (33) US  
 62/756,776 07.11.18 US

(71) Covidien LP  
 (21) 2019253809 (22) 22.10.2019  
 (54) Vacuum driven suction and irrigation system  
 (31) 16/656,973 (32) 18.10.19 (33) US  
 62/750,301 25.10.18 US  
 16/589,651 01.10.19 US

(71) Dexcom, Inc.  
 (21) 2019253773 (22) 21.10.2019  
 (54) Diffusion resistance layer for analyte sensors  
 (62) 2016381965

(71) Dispensing Technologies B.V.  
 (21) 2019253880 (22) 24.10.2019  
 (54) Liquid dispensing device having a pre-compression outlet valve  
 (62) 2015222087

(71) Doggone Limited  
 (21) 2019253883 (22) 25.10.2019  
 (54) Method and associated system for managing location information from an identification device  
 (31) 747760 (32) 26.10.18 (33) NZ

(71) Dow AgroSciences, LLC  
 (21) 2019253885 (22) 25.10.2019  
 (54) Compounds derived from herbicidal carboxylic acids and tetraalkylammonium or (arylalkyl) trialkylammonium hydroxides  
 (62) 2017261483

(71) elakkoumi, m.  
 (21) 2019246931 (22) 13.10.2019  
 (54) my invention is any audience or crowds or gatherings or anything that is counted at any type of event that can be used for financial gain. for example: if you have 3500 people that attend the game officially. the crowd or audience or anybody else can try and guess the number of people attending for a financial gain or any prizes given for people to try and guess the number of attendees.

(71) EPS INVESTMENTS AUSTRALIA PTY LTD  
 (21) 2019257351 (22) 28.10.2019  
 (54) Preserving Buildings and other Assets from Bushfires  
 (62) 2018200200

(71) Evogene Ltd.  
 (21) 2019253838 (22) 23.10.2019  
 (54) Polynucleotides, polypeptides encoded thereby, and methods of using same for increasing abiotic stress tolerance, biomass and/or yield in plants expressing same  
 (62) 2017251769

(71) Evogene Ltd.  
 (21) 2019253901 (22) 25.10.2019  
 (54) Isolated polynucleotides and polypeptides, and methods of using same for increasing nitrogen use efficiency of plants  
 (62) 2013368877

(71) Expression Pathology, Inc.  
 (21) 2019253772 (22) 21.10.2019  
 (54) SRM/MRM assays for notch pathway proteins  
 (31) 62/752,842 (32) 30.10.18 (33) US

(71) F. Hoffmann- La Roche AG; Genentech, Inc.  
 (21) 2019253849 (22) 23.10.2019  
 (54) PROCESSES FOR PREPARING (CYCLOPENTYL[D]PYRIMIDIN-4-YL)PIPERAZINE COMPOUNDS  
 (62) 2015320510

(71) Fisher & Paykel Healthcare Limited  
 (21) 2019253777 (22) 21.10.2019  
 (54) COMPONENTS FOR MEDICAL CIRCUITS  
 (62) 2014230083

(71) Fisher & Paykel Healthcare Limited  
 (21) 2019253779 (22) 21.10.2019  
 (54) APPARATUS FOR SUPPLYING GASES TO A PATIENT  
 (62) 2017204480

(71) GE HEALTHCARE LIMITED  
 (21) 2019253837 (22) 23.10.2019  
 (54) IMAGING NEUROLOGICAL DISEASE  
 (62) 2014294983

**Genentech, Inc. see F. Hoffmann- La Roche AG**  
 (21) 2019253849

(71) GENENTECH, INC.  
 (21) 2019253804 (22) 22.10.2019  
 (54) Pertuzumab variants and evaluation thereof  
 (62) 2018241141

(71) Gilead Apollo, LLC  
 (21) 2019253834 (22) 23.10.2019  
 (54) ACC inhibitors and uses thereof  
 (62) 2017265088

(71) Glycosyn LLC  
 (21) 2019253776 (22) 21.10.2019  
 (54) Biosynthesis of human milk oligosaccharides in engineered bacteria  
 (62) 2017210559

(71) GRAND, G.  
 (21) 2019253865 (22) 24.10.2019  
 (54) Multi-Bit Tool with Bi-Directional Ratchet Mechanism  
 (62) 2015252693

(71) Greeneden U.S. Holdings II, LLC  
 (21) 2019250246 (22) 18.10.2019  
 (54) System and method for encrypting and recording media for a contact center  
 (62) 2017225119

(71) Grey Orange Pte. Ltd.  
 (21) 2019250277 (22) 18.10.2019  
 (54) System And Method For Handling Items Using Movable-Bots  
 (31) 16/192,686 (32) 15.11.18 (33) US

(71) Grey Orange Pte. Ltd.  
 (21) 2019250278 (22) 18.10.2019  
 (54) Identification And Planning System And Method For Fulfillment Of Orders  
 (31) 16/170,958 (32) 25.11.18 (33) US

**HASER, F. see Lamello AG**  
 (21) 2019253835

(71) Heraeus Medical GmbH  
 (21) 2019253803 (22) 22.10.2019  
 (54) Device for mixing a bone cement with hollow space for monomer transfer  
 (31) 10 2018 131 268.7 (32) 07.12.18 (33) DE

## Complete Applications Filed - Name Index cont'd

(71) Heraeus Medical GmbH  
 (21) 2019253817 (22) 22.10.2019  
 (54) Device for mixing a bone cement with hollow space for monomer transfer  
 (31) 10 2018 131 266.0 (32) 07.12.18 (33) DE

(71) Heraeus Medical GmbH  
 (21) 2019253868 (22) 24.10.2019  
 (54) Device for the provision of bone cement  
 (31) 102018218303.1 (32) 25.10.18 (33) DE  
 102018218302.3 25.10.18 DE

(71) Herrenknecht AG  
 (21) 2019253829 (22) 23.10.2019  
 (54) System and method for laying underground cables or underground lines in the ground near the surface  
 (62) 2016272983

(71) Hofmann Engineering Pty Ltd  
 (21) 2019253857 (22) 23.10.2019  
 (54) Girth Gear  
 (31) 2019903055 (32) 21.08.19 (33) AU  
 2018904020 23.10.18 AU

(71) Howmedica Osteonics Corp.  
 (21) 2019253845 (22) 23.10.2019  
 (54) MINIMALLY INVASIVE SHOULDER IMPLANT AND METHOD  
 (31) 62/750,914 (32) 26.10.18 (33) US

(71) Hyprotek, Inc.  
 (21) 2019253790 (22) 22.10.2019  
 (54) INTRAVASCULAR LINE AND PORT CLEANING METHODS, METHODS OF ADMINISTERING AN AGENT INTRAVASCULARLY, METHODS OF OBTAINING/TESTING BLOOD, AND DEVICES FOR PERFORMING SUCH METHODS  
 (62) 2018200555

(71) HYTORC Division UNEX Corporation  
 (21) 2019250248 (22) 18.10.2019  
 (54) Apparatus for tightening threaded fasteners  
 (62) 2015218634

(71) Immersive Robotics Pty Ltd  
 (21) 2019253866 (22) 24.10.2019  
 (54) Image compression method and apparatus  
 (62) 2017285700

(71) Indian Oil Corporation Limited  
 (21) 2019253784 (22) 21.10.2019  
 (54) Engineered electrode for electrobiocatalysis and process to construct the same  
 (31) 201821040950 (32) 30.10.18 (33) IN

(71) James Hardie Europe GmbH  
 (21) 2019250211 (22) 17.10.2019  
 (54) Gypsum fiberboard panel as well as method and apparatus for the production of a gypsum fiberboard panel  
 (31) 10 2018 218 512.3 (32) 29.10.18 (33) DE

(71) Janssen Biotech, Inc.  
 (21) 2019253863 (22) 24.10.2019  
 (54) Cysteine engineered fibronectin type III domain binding molecules  
 (62) 2014334627

(71) K2M, Inc.  
 (21) 2019250253 (22) 18.10.2019  
 (54) OCCIPITAL PLATE WITH ANGLED SCREW OPENING  
 (31) 62/747,756 (32) 19.10.18 (33) US

(71) Kenall Manufacturing Company  
 (21) 2019253852 (22) 23.10.2019  
 (54) Single-emitter lighting device that outputs a minimum amount of power to produce integrated radiance values sufficient for deactivating pathogens  
 (62) 2016283968

(71) Koninklijke Philips N.V.  
 (21) 2019250247 (22) 18.10.2019  
 (54) Unlocking a respiratory therapy mode  
 (62) 2017239588

(71) Lamello AG; BAUR, F.; HASER, F.  
 (21) 2019253835 (22) 23.10.2019  
 (54) Connecting means and method for connecting two components  
 (62) 2016393378

(71) LG Electronics Inc.  
 (21) 2019253843 (22) 23.10.2019  
 (54) Intra-prediction method, and encoder and decoder using same  
 (62) 2017228642

(71) LTA Corporation  
 (21) 2019253913 (22) 28.10.2019  
 (54) TRANSPORTATION SYSTEM INCLUDING A HOVERING VEHICLE  
 (62) 2017204065

(71) Lycopodium Minerals Pty Ltd  
 (21) 2019253822 (22) 22.10.2019  
 (54) Levelling System and Method  
 (31) 2018904259 (32) 08.11.18 (33) AU

(71) Lycopodium Minerals Pty Ltd  
 (21) 2019253877 (22) 24.10.2019  
 (54) Panelisation System and Method  
 (31) 2018904389 (32) 16.11.18 (33) AU

(71) Lycopodium Minerals Pty Ltd  
 (21) 2019253878 (22) 24.10.2019  
 (54) Adjustable Chute  
 (31) 2018904729 (32) 12.12.18 (33) AU

(71) MAC Valves, Inc.  
 (21) 2019253807 (22) 22.10.2019  
 (54) Pilot Actuated Control Pilot For Operating Valve  
 (31) 16/196,318 (32) 20.11.18 (33) US

(71) Mallinckrodt Hospital Products IP Limited  
 (21) 2019253886 (22) 25.10.2019  
 (54) SYSTEMS AND METHODS FOR COMPENSATING LONG TERM SENSITIVITY DRIFT OF ELECTROCHEMICAL GAS SENSORS EXPOSED TO NITRIC OXIDE  
 (62) 2015218945

(71) Manna, F.  
 (21) 2019253823 (22) 23.10.2019  
 (54) Pink Post Australia Safety Picket is a star picket with integrated anti-impalement cap that is affixed and welded. The pink post is coloured in bright fluorescent fuchsia for visibility.

(71) Manufacturing Resources International, Inc.  
 (21) 2019250215 (22) 17.10.2019  
 (54) Transparent LCD assembly with display case  
 (62) 2018219976

(71) MAX CO., LTD.  
 (21) 2019253850 (22) 23.10.2019  
 (54) Binding machine  
 (62) 2016296572

(71) MBF S.p.A.  
 (21) 2019253879 (22) 24.10.2019  
 (54) MOTION TRANSMISSION GROUP FOR CAPPING HEADS FOR SCREW CAPS AND CAPPING MACHINE EQUIPPED WITH SUCH A MOTION TRANSMISSION GROUP  
 (31) 10201800009973 (32) 31.10.18 (33) IT

(71) Mechanical System Dynamics Pty Ltd  
 (21) 2019250280 (22) 18.10.2019  
 (54) Improvements in Trailers and Combination Vehicles  
 (31) 2018903943 (32) 18.10.18 (33) AU

(71) Media Cart Holdings, Inc.  
 (21) 2019253787 (22) 22.10.2019  
 (54) Media enabled shopping cart system and associated methods  
 (62) 2017264996

## Complete Applications Filed - Name Index cont'd

- (71) MedImmune Limited  
 (21) 2019250213 (22) 17.10.2019  
 (54) A NOVEL IL33 FORM, MUTATED FORMS OF IL33, ANTIBODIES, ASSAYS AND METHODS OF USING THE SAME  
 (62) 2016239331
- 
- (71) Meso Scale Technologies, LLC  
 (21) 2019253816 (22) 22.10.2019  
 (54) ASSAY PANELS  
 (62) 2014204083
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- (71) Motorola Solutions, Inc.  
 (21) 2019250281 (22) 21.10.2019  
 (54) ALERTING GROUPS OF USER DEVICES TO SIMILAR VIDEO CONTENT OF INTEREST BASED ON ROLE  
 (31) 16/169,714 (32) 24.10.18 (33) US
- 
- (71) Navico Holding AS  
 (21) 2019253884 (22) 25.10.2019  
 (54) SYSTEMS AND ASSOCIATED METHODS FOR GENERATING NAVIGATION CHARTS AND NAVIGABLE ROUTES IN AN OPEN ENVIRONMENT  
 (31) 16/175,247 (32) 30.10.18 (33) US
- 
- (71) Novartis AG  
 (21) 2019253796 (22) 22.10.2019  
 (54) Process for preparing 1-(4-Methanesulfonyl-2-trifluoromethyl-benzyl)-2-methyl-1H-pyrrolo [2,3-b]pyridin-3-yl-acetic acid  
 (62) 2016330264
- 
- (71) Palmer Labs, LLC; 8 Rivers Capital, LLC  
 (21) 2019253799 (22) 22.10.2019  
 (54) Launch vehicle and system and method for economically efficient launch thereof  
 (62) 2017218955
- 
- (71) Panasonic Corporation  
 (21) 2019253907 (22) 25.10.2019  
 (54) Parallel bit interleaver  
 (62) 2018201594
- 
- (71) Patent Investment & Licensing Company  
 (21) 2019253842 (22) 23.10.2019  
 (54) Bonus with Proximity of Occurrence Related to Base Game Outcomes or Pay-back Percentage  
 (62) 2017228521
- 
- (71) Perleen CC  
 (21) 2019253855 (22) 23.10.2019  
 (54) SUPPORT PILLAR MINING METHOD  
 (31) 2021863 (32) 24.10.18 (33) NL
- 
- (71) Physcient, Inc.  
 (21) 2019253899 (22) 25.10.2019  
 (54) Methods and devices for soft tissue dissection  
 (62) 2014342631
- 
- (71) President and Fellows of Harvard College  
 (21) 2019253903 (22) 25.10.2019  
 (54) Organomimetic devices and methods of use and manufacturing thereof  
 (62) 2014386207
- 
- (71) Principle Power, Inc.  
 (21) 2019253870 (22) 24.10.2019  
 (54) Connection System For Array Cables Of Disconnectable Offshore Energy Devices  
 (62) 2015339391
- 
- (71) Roads Corporation  
 (21) 2019253869 (22) 24.10.2019  
 (54) Traffic signal support  
 (62) 2018201141
- 
- (71) Sarepta Therapeutics, Inc.  
 (21) 2019253778 (22) 21.10.2019  
 (54) Improved exon skipping compositions for treating muscular dystrophy  
 (62) 2013364158
- 
- (71) Seminis Vegetable Seeds, Inc.  
 (21) 2019253821 (22) 22.10.2019  
 (54) TOMATO HYBRID DRTX0018 AND PARENTS THEREOF  
 (31) 16/193,554 (32) 16.11.18 (33) US
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- (71) Seminis Vegetable Seeds, Inc.  
 (21) 2019253848 (22) 23.10.2019  
 (54) CUCUMBER HYBRID SVCB2942 AND PARENTS THEREOF  
 (31) 16/402,953 (32) 03.05.19 (33) US  
 62/753,557 31.10.18 US
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- (71) Serpin Pharma, LLC  
 (21) 2019253814 (22) 22.10.2019  
 (54) Peptides and methods of using same  
 (62) 2017258892
- 
- (71) SharkNinja Operating LLC  
 (21) 2019253786 (22) 21.10.2019  
 (54) SURFACE CLEANING HEAD WITH LEADING ROLLER  
 (62) 2016341998
- 
- (71) Shifamed Holdings, LLC  
 (21) 2019253859 (22) 24.10.2019  
 (54) ACCOMMODATIONING INTRAOCULAR LENS  
 (62) 2014236688
- 
- (71) SOE, V.  
 (21) 2019253770 (22) 21.10.2019  
 (54) Louver  
 (31) 1817063.9 (32) 19.10.18 (33) GB
- 
- (71) Sofradim Production  
 (21) 2019253793 (22) 22.10.2019  
 (54) Implants suitable for soft tissue repair  
 (31) 18206825.4 (32) 16.11.18 (33) EP
- 
- (71) Southern Mills, Inc.  
 (21) 2019253912 (22) 25.10.2019  
 (54) FLAME RESISTANT FABRIC HAVING HIGH TENACITY LONG STAPLE YARNS  
 (62) 2015274297
- 
- (71) Spinalcyte, LLC  
 (21) 2019253856 (22) 23.10.2019  
 (54) Adipose cells for chondrocyte applications  
 (62) 2014281818
- 
- (71) SRG Global IP Pty Ltd  
 (21) 2019253867 (22) 24.10.2019  
 (54) Connector for use in forming joints  
 (62) 2015213472
- 
- (71) Stoddart Technology Pty Ltd  
 (21) 2019253781 (22) 21.10.2019  
 (54) Relocatable buildings and associated systems and methods  
 (31) 2018904222 (32) 06.11.18 (33) AU  
 (62) 2019213442
- 
- (71) Stryker Corporation  
 (21) 2019250279 (22) 18.10.2019  
 (54) SYSTEM AND METHOD FOR DRIVING AN ULTRASONIC HANDPIECE AS A FUNCTION OF THE MECHANICAL IMPEDANCE OF THE HANDPIECE  
 (62) 2014305962
- 
- Sun Pharmaceutical Industries (Australia) Pty Ltd see The University of York**  
 (21) 2019253858
- 
- (71) SunPower Corporation  
 (21) 2019250255 (22) 18.10.2019  
 (54) Solar cell emitter region fabrication with differentiated P-type and N-type region architectures  
 (62) 2014366256
- 
- (71) Tata Consultancy Services Limited  
 (21) 2019250212 (22) 17.10.2019  
 (54) System and method for concurrent dynamic optimization of replenishment decision in networked node environment  
 (31) 201821039466 (32) 17.10.18 (33) IN

## Complete Applications Filed - Name Index cont'd

- (71) Tata Consultancy Services Limited  
 (21) 2019253881 (22) 25.10.2019  
 (54) METHOD AND SYSTEM FOR ON-LINE MONITORING AND OPTIMIZATION OF MINING AND MINERAL PROCESSING OPERATIONS  
 (31) 201821040541 (32) 26.10.18 (33) IN
- 
- (71) Tata Consultancy Services Limited  
 (21) 2019253882 (22) 25.10.2019  
 (54) SYSTEMS AND METHODS FOR STORING DATA IN AN INTEGRATED ARRAY AND LINKED LIST BASED STRUCTURE  
 (31) 201821040565 (32) 26.10.18 (33) IN
- 
- (71) Technological Resources Pty Ltd  
 (21) 2019253769 (22) 21.10.2019  
 (54) A system for, and a method of, controlling operation of a vehicle in a defined area  
 (62) 2018200494
- 
- (71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)  
 (21) 2019253828 (22) 23.10.2019  
 (54) UPLINK AND/OR DOWNLINK SIGNALING RELATED TO DIFFERENT RADIO ACCESS TECHNOLOGIES  
 (62) 2015414285
- 
- (71) Telford Smith Engineering Pty Ltd  
 (21) 2019253904 (22) 25.10.2019  
 (54) Systems and washing modules for washing recyclable particles  
 (31) 2018904054 (32) 25.10.18 (33) AU
- 
- (71) Thales  
 (21) 2019253805 (22) 22.10.2019  
 (54) Method of controlling access to a reserve zone with control of the validity of an access entitlement installed in the memory of a mobile terminal  
 (62) 2015230197
- 
- (71) The Board of Trustees of the Leland Stanford Junior University  
 (21) 2019253783 (22) 21.10.2019  
 (54) Methods for manipulating phagocytosis mediated by CD47  
 (62) 2018201034
- 
- (71) The Provost, Fellows, Foundation Scholars, & the other members of Board, of the College of the Holy & Undiv. Trinity of Queen Elizabeth  
 (21) 2019253900 (22) 25.10.2019  
 (54) A SENSOR FOR AN ORAL APPLIANCE  
 (62) 2014331081
- 
- (71) The Regents of the University of California; The Research Foundation for The State University of New York  
 (21) 2019253871 (22) 24.10.2019  
 (54) TCO conjugates and methods for delivery of therapeutic agents  
 (62) 2015229014
- 
- The Research Foundation for The State University of New York see The Regents of the University of California**  
 (21) 2019253871
- 
- (71) The United States of America, as represented by The Secretary, Department of Health and Human Services; BioMed Valley Discoveries, Inc.  
 (21) 2019253864 (22) 24.10.2019  
 (54) TEM8 ANTIBODIES AND THEIR USE  
 (62) 2014331667
- 
- (71) The University of York; Sun Pharmaceutical Industries (Australia) Pty Ltd  
 (21) 2019253858 (22) 24.10.2019  
 (54) NOVEL CYTOCHROME P450 FUSION PROTEIN  
 (62) 2015261278
- 
- (71) Trice Medical, Inc.  
 (21) 2019253909 (22) 25.10.2019  
 (54) Fully integrated, disposable tissue visualization device  
 (62) 2017272307
- 
- (71) USNR, LLC  
 (21) 2019253825 (22) 23.10.2019  
 (54) PRECUT PROCESSING OF LOGS  
 (62) 2016242944
- 
- (71) Verik Bio, Inc.  
 (21) 2019253775 (22) 21.10.2019  
 (54) IDENTIFICATION, SELECTION AND USE OF HIGH CURATIVE POTENTIAL T CELL EPITOPES  
 (62) 2015358387
- 
- (71) Vetco Gray Scandinavia AS  
 (21) 2019253815 (22) 22.10.2019  
 (54) Connection system for subsea connection of a subsea umbilical to a subsea appliance  
 (62) 2014277748
- 
- (71) Visa International Service Association  
 (21) 2019253872 (22) 24.10.2019  
 (54) Seamless transaction minimizing user input  
 (62) 2016296378
- 
- (71) W.L. GORE & ASSOCIATES, INC.  
 (21) 2019253802 (22) 22.10.2019
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2019246931	elakkoumi, m.	2019253815	Vetco Gray Scandinavia AS
2019250211	James Hardie Europe GmbH	2019253816	Meso Scale Technologies, LLC
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2019250213	MedImmune Limited	2019253818	WinField Solutions, LLC
2019250215	Manufacturing Resources International, Inc.	2019253819	CNH Industrial America LLC
2019250245	Cardinal Health Switzerland 515 GmbH	2019253820	Case Western Reserve University
2019250246	Greeneden U.S. Holdings II, LLC	2019253821	Seminis Vegetable Seeds, Inc.
2019250247	Koninklijke Philips N.V.	2019253822	Lycopodium Minerals Pty Ltd
2019250248	HYTORC Division UNEX Corporation	2019253823	Manna, F.
2019250249	Applied Genetic Technologies Corporation	2019253824	Biosense Webster (Israel) Ltd.
2019250250	Chen, F.	2019253825	USNR, LLC
2019250251	Apple Inc.	2019253826	Allovate, LLC
2019250253	K2M, Inc.	2019253827	Alibaba Group Holding Limited
2019250254	CIRIANNI, G.	2019253828	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2019250255	SunPower Corporation	2019253829	Herrenknecht AG
2019250277	Grey Orange Pte. Ltd.	2019253830	BetMIX LLC
2019250278	Grey Orange Pte. Ltd.	2019253831	AZEVAN PHARMACEUTICALS, INC.
2019250279	Stryker Corporation	2019253834	Gilead Apollo, LLC
2019250280	Mechanical System Dynamics Pty Ltd	2019253835	Lamello AG; BAUR, F.; HASER, F.
2019250281	Motorola Solutions, Inc.	2019253836	Accenture Global Solutions Limited
2019253767	Accenture Global Services Limited	2019253837	GE HEALTHCARE LIMITED
2019253768	Agti Produktentwicklung & Design GmbH	2019253838	Evogene Ltd.
2019253769	Technological Resources Pty Ltd	2019253839	Accenture Global Solutions Limited
2019253770	SOE, V.	2019253840	Adagio Medical, Inc.
2019253771	Allergan, Inc.	2019253841	Zelda Therapeutics Operations Pty Ltd
2019253772	Expression Pathology, Inc.	2019253842	Patent Investment & Licensing Company
2019253773	Dexcom, Inc.	2019253843	LG Electronics Inc.
2019253774	Austin Engineering Limited	2019253844	Accenture Global Solutions Limited
2019253775	Verik Bio, Inc.	2019253845	Howmedica Osteonics Corp.
2019253776	Glycosyn LLC	2019253846	Aqseptence Group Pty Ltd
2019253777	Fisher & Paykel Healthcare Limited	2019253847	Beijing 7Invensun Technology Co., Ltd.
2019253778	Sarepta Therapeutics, Inc.	2019253848	Seminis Vegetable Seeds, Inc.
2019253779	Fisher & Paykel Healthcare Limited	2019253849	F. Hoffmann- La Roche AG; Genentech, Inc.
2019253780	Anji Pharma (US) LLC	2019253850	MAX CO., LTD.
2019253781	Stoddart Technology Pty Ltd	2019253851	Choirock Contents Factory Co., Ltd.
2019253782	Acceleron Pharma Inc.	2019253852	Kenall Manufacturing Company
2019253783	The Board of Trustees of the Leland Stanford Junior University	2019253853	Aristocrat Technologies Australia Pty Limited
2019253784	Indian Oil Corporation Limited	2019253854	Aristocrat Technologies Australia Pty Limited
2019253785	Xyleco, Inc.	2019253855	Perleen CC
2019253786	SharkNinja Operating LLC	2019253856	Spinalcyte, LLC
2019253787	Media Cart Holdings, Inc.	2019253857	Hofmann Engineering Pty Ltd
2019253788	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2019253858	The University of York; Sun Pharmaceutical Industries (Australia) Pty Ltd
2019253790	Hyprotek, Inc.	2019253859	Shifamed Holdings, LLC
2019253791	Boehringer Ingelheim International GmbH	2019253860	Ab Initio Technology LLC
2019253792	Arstasis, Inc.	2019253861	Angel Playing Cards Co., Ltd.
2019253793	Sofradim Production	2019253863	Janssen Biotech, Inc.
2019253794	Becton Dickinson France	2019253864	The United States of America, as represented by The Secretary, Department of Health and Human Services; BioMed Valley Discoveries, Inc.
2019253795	Avalon Medical Ltd.; Colorado State University Research Foundation	2019253865	GRAND, G.
2019253796	Novartis AG	2019253866	Immersive Robotics Pty Ltd
2019253797	Covidien LP	2019253867	SRG Global IP Pty Ltd
2019253798	Covidien LP	2019253868	Heraeus Medical GmbH
2019253799	Palmer Labs, LLC; 8 Rivers Capital, LLC	2019253869	Roads Corporation
2019253800	CFPH, LLC	2019253870	Principle Power, Inc.
2019253801	CFPH, LLC	2019253871	The Regents of the University of California; The Research Foundation for The State University of New York
2019253802	W.L. GORE & ASSOCIATES, INC.	2019253872	Visa International Service Association
2019253803	Heraeus Medical GmbH	2019253873	Aspen Aerogels, Inc.
2019253804	GENENTECH, INC.	2019253874	Astellas Institute for Regenerative Medicine
2019253805	Thales	2019253875	Apple Inc.
2019253806	ConforMIS, Inc.	2019253876	Angel Playing Cards Co., Ltd.
2019253807	MAC Valves, Inc.	2019253877	Lycopodium Minerals Pty Ltd
2019253808	Axiflux Pty Ltd	2019253878	Lycopodium Minerals Pty Ltd
2019253809	Covidien LP	2019253879	MBF S.p.A.
2019253810	Accenture Global Solutions Limited	2019253880	Dispensing Technologies B.V.
2019253811	CloudTraQ, LLC	2019253881	Tata Consultancy Services Limited
2019253813	CFPH, LLC		
2019253814	Serpin Pharma, LLC		

**Complete Applications Filed - Numerical Index cont'd**

2019253882	Tata Consultancy Services Limited
2019253883	Doggone Limited
2019253884	Navico Holding AS
2019253885	Dow AgroSciences, LLC
2019253886	Mallinckrodt Hospital Products IP Limited
2019253887	Bayer HealthCare LLC
2019253896	Coleman, C.
2019253898	Blackhawk Network, Inc.
2019253899	Physcient, Inc.
2019253900	The Provost, Fellows, Foundation Scholars, & the other members of Board, of the College of the Holy & Undiv. Trinity of Queen Elizabeth
2019253901	Evogene Ltd.
2019253902	Cameron Solutions, Inc.
2019253903	President and Fellows of Harvard College
2019253904	Telford Smith Engineering Pty Ltd
2019253905	Apple Inc.
2019253906	Aristocrat Technologies Australia Pty Limited
2019253907	Panasonic Corporation
2019253909	Trice Medcial, Inc.
2019253910	Aristocrat Technologies Australia Pty Limited
2019253911	B. Braun Melsungen AG
2019253912	Southern Mills, Inc.
2019253913	LTA Corporation
2019257351	EPS INVESTMENTS AUSTRALIA PTY LTD

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

Applications listed below were processed through the Patent Office Canberra during the period ending 22 Oct 2019 .  
 (This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) CHED Services Pty Ltd  
 (21) 2019101277 (22) 22.10.2019  
 (54) Pole portion

(71) Chongqing University of Posts and Telecommunications  
 (21) 2019101269 (22) 19.10.2019  
 (54) A privacy-preserving anti-quantum roaming authentication method for ubiquitous network

(71) Jianhua Construction Materials (China) Co., Ltd  
 (21) 2019101278 (22) 22.10.2019  
 (54) PREFABRICATED HIGH-STRENGTH CONCRETE COMBINED PIER STRUCTURE AND CONSTRUCTION METHOD THEREOF  
 (31) 201910506171.4 (32) 12.06.19 (33) CN

(71) Korea Advanced Institute of Science and Technology  
 (21) 2019101270 (22) 21.10.2019  
 (54) Method and apparatus for super-resolution using line unit operation  
 (62) 2018357828

(71) Korea Advanced Institute of Science and Technology  
 (21) 2019101271 (22) 21.10.2019  
 (54) Method and apparatus for super-resolution using line unit operation  
 (62) 2018357828

(71) Korea Advanced Institute of Science and Technology  
 (21) 2019101272 (22) 21.10.2019  
 (54) Method and apparatus for super-resolution using line unit operation  
 (62) 2018357828

(71) Korea Advanced Institute of Science and Technology  
 (21) 2019101273 (22) 21.10.2019  
 (54) Method and apparatus for super-resolution using line unit operation  
 (62) 2018357828

(71) Korea Advanced Institute of Science and Technology  
 (21) 2019101274 (22) 21.10.2019  
 (54) Method and apparatus for super-resolution using line unit operation  
 (62) 2018357828

(71) LU, Y.  
 (21) 2019101276 (22) 22.10.2019  
 (54) Apparatus For Remotely Controlling Home Appliance To Operate By Using Computer  
 (31) 201811244988.0 (32) 24.10.18 (33) CN

(71) MFA FINANCIAL HOLDINGS PTY LTD; MFA Motorways (Australia) Pty Ltd  
 (21) 2019101208 (22) 03.10.2019  
 (54) Automated Tolls, Fines and Infringements and GPS Tracking for Fleet, Novated & Rental Car Business Management.  
 (62) 2019100051

**MFA Motorways (Australia) Pty Ltd see MFA FINANCIAL HOLDINGS PTY LTD**  
 (21) 2019101208

(71) Poole, G.  
 (21) 2019101239 (22) 11.10.2019  
 (54) The use of a hash map of individual block chains (encoded, doubly linked lists) in order to store the service logs and stamps used by mechanics and online receipts received by customers. The way elements can be added to the chain vary but ideally the customer would want to use an app and the mechanic would use a website. The end case would be a fleshed out infrastructure of data that will make the authenticity of a car transparent, pushing fraudulent traders who have unverified cars out of the market. Accessibility to a cars record can be made visible for cars being sold.

(71) QIAN, S.  
 (21) 2019101275 (22) 22.10.2019  
 (54) Ladder Used For Building Structure

**Numerical Index**

<b>2019101208</b>	MFA FINANCIAL HOLDINGS PTY LTD; MFA Motorways (Australia) Pty Ltd	<b>2019101273</b>	Korea Advanced Institute of Science and Technology
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<b>2019101269</b>	Chongqing University of Posts and Telecommunications	<b>2019101275</b>	QIAN, S.
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<b>2019101271</b>	Korea Advanced Institute of Science and Technology	<b>2019101277</b>	CHED Services Pty Ltd
<b>2019101272</b>	Korea Advanced Institute of Science and Technology	<b>2019101278</b>	Jianhua Construction Materials (China) Co., Ltd

**Applications with amended filing dates Reg 3.5(A).**

2019100715 **DUNSTALL'S CLEARANCE WAREHOUSE PTY LTD**

The filing date has been amended to 06.08.2019

2019101243 **Phan, G.H.** The filing date has been amended to 27.10.2019

**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

**1995**

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**1999**

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1999063532 ( 14 )	1999063633 ( 14 )	1999064333 ( 14 )
1999065205 ( 14 )		

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2000010431 ( 14 )	2000011108 ( 14 )	2000011256 ( 14 )
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2000012195 ( 14 )	2000012217 ( 14 )	2000012258 ( 14 )
2000012644 ( 14 )	2000012707 ( 14 )	2000014297 ( 14 )
2000014472 ( 14 )	2000014487 ( 14 )	2000015980 ( 14 )
2000017056 ( 14 )	2000017074 ( 14 )	2000019056 ( 14 )

2000019057 ( 14 )	2000021308 ( 14 )	2000039719 ( 14 )
2000039720 ( 14 )	2000039794 ( 14 )	2000042362 ( 14 )
2000042439 ( 14 )	2000043386 ( 14 )	2000242484 ( 14 )

**2001**

2001044469 ( 14 )	2001046706 ( 14 )	2001046728 ( 14 )
2001046752 ( 14 )	2001048892 ( 14 )	2001246539 ( 14 )
2001246908 ( 14 )	2001254836 ( 14 )	2001254858 ( 14 )
2001257386 ( 14 )	2001260205 ( 14 )	2001268970 ( 14 )

**2002**

2002034332 ( 14 )	2002244541 ( 14 )	2002253310 ( 14 )
2002257147 ( 14 )	2002302531 ( 14 )	2002304609 ( 14 )
2002307243 ( 14 )	2002307345 ( 14 )	2002316847 ( 14 )
2002319133 ( 14 )		

**2003**

2003203666 ( 14 )	2003203677 ( 14 )	2003203681 ( 14 )
2003203707 ( 14 )	2003203724 ( 14 )	2003218396 ( 14 )
2003221858 ( 14 )	2003222079 ( 14 )	2003224950 ( 14 )
2003229631 ( 14 )	2003235457 ( 14 )	2003240391 ( 14 )
2003243885 ( 14 )	2003244549 ( 14 )	2003260031 ( 14 )

**2004**

2004200325 ( 14 )	2004201559 ( 14 )	2004201605 ( 14 )
2004228356 ( 14 )	2004229273 ( 14 )	2004229483 ( 14 )
2004229503 ( 14 )	2004229598 ( 14 )	2004230360 ( 14 )
2004231078 ( 14 )	2004236169 ( 14 )	

**2005**

2005201517 ( 14 )	2005201518 ( 14 )	2005201524 ( 14 )
2005201572 ( 14 )	2005201600 ( 14 )	2005202210 ( 14 )
2005232436 ( 14 )	2005233483 ( 14 )	2005233484 ( 14 )

**2006**

2006200033 ( 14 )	2006200203 ( 14 )	2006234788 ( 14 )
2006234792 ( 14 )	2006235593 ( 14 )	2006235604 ( 14 )
2006235632 ( 14 )	2006236052 ( 14 )	2006236674 ( 14 )
2006236868 ( 14 )	2006237838 ( 14 )	2006238986 ( 14 )
2006240846 ( 14 )	2006252006 ( 14 )	2006252060 ( 14 )
2006285437 ( 14 )		

**2007**

2007200081 ( 14 )	2007201557 ( 14 )	2007201558 ( 14 )
2007201884 ( 14 )	2007202060 ( 14 )	2007238017 ( 14 )
2007238186 ( 14 )	2007242972 ( 14 )	2007250166 ( 14 )
2007351001 ( 14 )		

**2008**

2008200315 ( 14 )	2008201597 ( 14 )	2008212072 ( 14 )
2008237670 ( 14 )	2008238281 ( 14 )	2008238282 ( 14 )
2008238556 ( 14 )	2008238593 ( 14 )	2008238904 ( 14 )
2008238905 ( 14 )	2008239658 ( 14 )	2008239866 ( 14 )
2008240044 ( 14 )	2008240117 ( 14 )	2008240118 ( 14 )
2008240146 ( 14 )	2008241022 ( 14 )	2008241580 ( 14 )
2008241904 ( 14 )	2008244018 ( 14 )	2008247290 ( 14 )
2008287613 ( 14 )	2008348343 ( 14 )	2008353981 ( 14 )
2008354673 ( 14 )		

**2009**

2009201116 ( 14 )	2009201411 ( 14 )	2009201446 ( 14 )
2009201448 ( 14 )	2009233786 ( 14 )	2009234385 ( 14 )
2009235240 ( 14 )	2009235952 ( 14 )	2009236271 ( 14 )
2009236280 ( 14 )	2009236467 ( 14 )	2009236779 ( 14 )
2009236780 ( 14 )	2009237353 ( 14 )	2009237750 ( 14 )
2009245618 ( 14 )	2009251214 ( 14 )	

**2010**

2010201418 ( 14 )	2010201480 ( 14 )	2010233472 ( 14 )
2010233525 ( 14 )	2010233526 ( 14 )	2010235932 ( 14 )
2010236331 ( 14 )	2010236426 ( 14 )	2010236505 ( 14 )
2010236717 ( 14 )	2010236734 ( 14 )	2010237345 ( 14 )
2010237400 ( 14 )	2010237467 ( 14 )	2010237535 ( 14 )

2010238404 ( 14 )	2010238448 ( 14 )	2010241093 ( 14 )	2015245702 ( 4C )	2015245938 ( 4C )	2015246631 ( 14 )
2010257417 ( 14 )			2015246655 ( 4C )	2015246707 ( 4C )	2015247657 ( 4C )
<b>2011</b>					
2011101328 ( 22 )	2011101334 ( 22 )	2011101339 ( 22 )	2015249171 ( 1B )	2015250132 ( 4C )	2015251507 ( 4C )
2011101346 ( 22 )	2011101349 ( 22 )	2011101356 ( 22 )	2015252012 ( 1B )	2015253193 ( 25A )	2015253843 ( 4C )
2011101359 ( 22 )	2011101371 ( 22 )	2011101397 ( 22 )	2015255561 ( 14 )	2015258252 ( 14 )	2015261796 ( 25D )
2011101751 ( 22 )	2011200686 ( 14 )	2011201660 ( 14 )	2015264944 ( 1B )	2015268066 ( 5C )	2015270926 ( 5C )
20112211368 ( 14 )	2011237325 ( 14 )	2011239445 ( 14 )	2015279373 ( 5C )	2015303012 ( 5C )	2015312134 ( 5C )
2011239447 ( 14 )	2011239488 ( 14 )	2011239760 ( 14 )	2015315382 ( 5C )	2015321435 ( 4C )	2015341484 ( 1B )
2011239763 ( 14 )	2011239766 ( 14 )	2011239787 ( 14 )	2015341498 ( 1B )	2015341509 ( 1B )	2015342739 ( 1B )
2011239981 ( 14 )	2011240039 ( 14 )	2011240071 ( 14 )	2015342848 ( 1B )	2015342939 ( 1B )	2015343025 ( 1B )
2011240325 ( 14 )	2011240606 ( 14 )	2011240636 ( 14 )	2015343048 ( 1B )	2015343494 ( 1B )	2015345979 ( 1B )
2011240657 ( 14 )	2011241170 ( 14 )	2011241319 ( 14 )	2015346330 ( 1B )	2015346513 ( 1B )	2015348188 ( 1B )
2011241409 ( 14 )	2011242140 ( 14 )	2011243034 ( 14 )	2015349729 ( 1B )	2015353374 ( 5C )	2015361172 ( 1B )
2011243039 ( 14 )	2011244135 ( 14 )	2011244507 ( 14 )	2015365708 ( 1B )	2015367277 ( 1B )	2015369551 ( 1B )
2011244512 ( 14 )			2015369598 ( 1B )	2015369663 ( 1B )	2015370058 ( 1B )
<b>2012</b>					
2012101374 ( 22 )	2012101872 ( 21F )	2012202043 ( 14 )	2015371398 ( 1B )	2015372433 ( 1B )	2015372563 ( 1B )
2012202141 ( 14 )	2012203957 ( 14 )	2012203969 ( 14 )	2015373094 ( 1B )	2015373423 ( 1B )	2015373961 ( 1B )
2012241591 ( 14 )	2012241592 ( 14 )	2012241594 ( 14 )	2015374230 ( 12C )	2015374264 ( 1B )	2015374344 ( 1B )
2012241989 ( 14 )	2012242511 ( 14 )	2012242991 ( 14 )	2015374367 ( 1B )	2015379251 ( 1B )	2015382327 ( 4A )
2012243079 ( 14 )	2012243476 ( 14 )	2012245768 ( 14 )	2015390247 ( 14 )	2015390707 ( 14 )	2015391356 ( 4B )
2012245996 ( 14 )	2012247204 ( 14 )	2012250114 ( 14 )			
2012257972 ( 14 )	2012262965 ( 14 )	2012276539 ( 14 )			
2012280019 ( 14 )	2012353280 ( 14 )				
<b>2013</b>					
2013100380 ( 22 )	2013100482 ( 22G )	2013100491 ( 22G )			
2013100520 ( 22E )	2013101704 ( 22E )	2013203057 ( 14 )			
2013203125 ( 14 )	2013203126 ( 14 )	2013203207 ( 14 )			
2013203259 ( 14 )	2013203355 ( 14 )	2013203362 ( 14 )			
2013203398 ( 14 )	2013203613 ( 14 )	2013203636 ( 14 )			
2013203646 ( 14 )	2013203792 ( 14 )	2013203806 ( 14 )			
2013203831 ( 14 )	2013203893 ( 14 )	2013204054 ( 14 )			
2013204062 ( 14 )	2013204344 ( 14 )	2013204363 ( 14 )			
2013204395 ( 14 )	2013204447 ( 14 )	2013204671 ( 14 )			
2013204728 ( 14 )	2013204740 ( 14 )	2013204791 ( 14 )			
2013204799 ( 14 )	2013205207 ( 14 )	2013205467 ( 14 )			
2013245653 ( 14 )	2013245675 ( 14 )	2013246000 ( 14 )			
2013246002 ( 14 )	2013246084 ( 14 )	2013248412 ( 14 )			
2013248417 ( 14 )	2013249660 ( 14 )	2013252464 ( 14 )			
2013262965 ( 5C )	2013263830 ( 5C )	2013264859 ( 14 )			
2013266072 ( 14 )	2013268784 ( 14 )	2013276961 ( 5C )			
2013283825 ( 14 )	2013323782 ( 5C )	2013326226 ( 5C )			
2013335114 ( 5C )	2013361507 ( 5C )	2013368881 ( 5C )			
2013386771 ( 14 )					
<b>2014</b>					
2014100349 ( 22E )	2014100378 ( 22E )	2014101095 ( 22E )	2017100403 ( 22E )	2017100413 ( 22E )	2017200299 ( 14 )
2014101275 ( 22 )	2014202056 ( 14 )	2014202110 ( 4C )	2017201666 ( 4C )	2017202959 ( 4C )	2017203734 ( 4C )
2014203335 ( 14 )	2014203406 ( 5C )	2014204011 ( 5C )	2017204246 ( 5C )	2017208321 ( 5C )	2017210575 ( 5C )
2014208242 ( 14 )	2014250830 ( 4C )	2014250940 ( 4C )	2017213480 ( 5C )	2017213499 ( 5C )	2017213530 ( 5C )
2014251665 ( 14 )	2014252212 ( 14 )	2014252454 ( 14 )	2017213538 ( 5C )	2017213597 ( 5C )	2017216524 ( 5C )
2014252525 ( 14 )	2014252717 ( 4C )	2014252823 ( 4C )	2017216530 ( 4C )	2017216565 ( 5C )	2017216567 ( 5C )
2014253040 ( 4C )	2014253045 ( 14 )	2014253095 ( 14 )	2017218967 ( 5C )	2017218984 ( 5C )	2017219108 ( 5C )
2014253161 ( 14 )	2014254253 ( 4C )	2014254262 ( 14 )	2017219112 ( 5C )	2017220218 ( 25D )	2017221899 ( 5C )
2014254272 ( 14 )	2014255326 ( 14 )	2014255400 ( 14 )	2017228672 ( 5C )	2017232091 ( 5C )	2017232105 ( 5C )
2014255504 ( 14 )	2014255837 ( 4C )	2014255892 ( 14 )	2017251755 ( 5C )	2017254861 ( 5C )	2017254973 ( 5C )
2014262298 ( 14 )	2014262636 ( 5C )	2014265548 ( 5C )	2017258836 ( 5C )	2017265123 ( 5C )	2017272182 ( 5C )
2014265587 ( 5C )	2014268223 ( 5C )	2014268779 ( 5C )	2017272203 ( 5C )	2017272274 ( 5C )	2017274568 ( 5C )
2014270154 ( 5C )	2014270655 ( 14 )	2014369867 ( 5C )	2017276321 ( 4C )		
2014379546 ( 5C )					
<b>2015</b>					
2015200296 ( 14 )	2015201841 ( 4B )	2015201882 ( 14 )	2018200023 ( 5C )	2018200250 ( 4C )	2018200372 ( 5C )
2015201912 ( 14 )	2015202246 ( 14 )	2015202412 ( 14 )	2018200695 ( 5C )	2018200707 ( 5C )	2018200750 ( 4C )
2015203848 ( 14 )	2015203940 ( 5C )	2015204325 ( 14 )	2018200941 ( 5C )	2018200958 ( 5C )	2018201297 ( 5C )
2015204436 ( 5C )	2015204480 ( 5C )	2015213266 ( 1B )	2018201430 ( 5C )	2018201522 ( 5C )	2018201525 ( 5C )
2015222696 ( 5C )	2015230758 ( 14 )	2015239662 ( 25D )	2018201788 ( 5C )	2018201882 ( 5C )	2018201927 ( 5C )
2015243174 ( 4C )	2015243313 ( 4C )	2015243381 ( 4C )	2018202101 ( 5C )	2018202264 ( 5C )	2018203051 ( 5C )
2018236745 ( 5C )			2018236745 ( 5C )	2018250533 ( 4C )	2018904091 ( 12AN )
2018904936 ( 12AN )					
<b>2019</b>					
2019100874 ( 18AN )	2019100877 ( 18AN )	2019210630 ( 1B )			
2019213339 ( 1B )	2019216610 ( 7AN )	2019253805 ( 12CN )			
2019901223 ( 12AN )					

**Complete Specifications Treated as Provisional Specifications, Section 37****2018**2018256589 **Xiao, H.** Provisional Number: 2018904969**Assignments before Grant, Section 113****2014**2014274972 Unitract Syringe Pty Ltd The application has been assigned to **UNL Holdings LLC**2014280844 Point of Pay Pty Ltd The application has been assigned to **Veroguard Systems Pty Ltd****2015**2015240467 Tarnavsky, Vadim; Dahl, Erik; Goldschlag, David The application has been assigned to **CellSec, INC.**2015274383 Licata, Michael; Powers, Richard; Gast, David The application has been assigned to **Unified Brands, Inc.**2015294772 Costello, Anthony The application has been assigned to **Patent Agencies Limited****2016**2016418249 Catalina Nominees Pty. Ltd. The application has been assigned to **Daniels Health Pty Ltd****2017**2017203737 Alpha Technologies Inc. The application has been assigned to **Alpha Technologies Services, Inc.**2017267610 Augmently, Inc. The application has been assigned to **Stayhealthy, Inc.**2017284632 I-MAB The application has been assigned to **I-Mab Biopharma US Limited**2017291750 Downhole Technology, LLC The application has been assigned to **The WellBoss Company, LLC**2017293401 Downhole Technology, LLC The application has been assigned to **The WellBoss Company, LLC**2017315677 Academia Sinica; Lin, Nan-Horng; CHO Pharma Inc The application has been assigned to **CHO Pharma Inc; Academia Sinica**2017328383 I-Mab The application has been assigned to **I-Mab Biopharma US Limited**2017332960 I-Mab The application has been assigned to **I-Mab Biopharma US Limited**2017332962 Downhole Technology, LLC The application has been assigned to **The WellBoss Company, LLC****Assignments before Grant, Section 113****2018**2018202803 StubHub, Inc. The application has been assigned to **eBay Inc.**2018213549 I-Mab The application has been assigned to **I-Mab Biopharma US Limited**2018226298 I-MAB The application has been assigned to **I-Mab Biopharma US Limited**2018229543 E. I. du Pont de Nemours and Company The application has been assigned to **Performance Materials NA, Inc.**2018250241 Animas Corporation The application has been assigned to **LifeScan IP Holdings, LLC**2018255170 Animas Corporation The application has been assigned to **LifeScan IP Holdings, LLC**2018256589 Jiashen Pty Ltd The application has been assigned to **Xiao, Hung**2018363479 I-MAB The application has been assigned to **I-Mab Biopharma US Limited**2018904089 Windus, Julie The application has been assigned to **Aussie Duck Australia Pty Ltd**2018904379 HFC Mining Pty Ltd The application has been assigned to **PTRM Pty Ltd**2018904920 Wulff, Robert The application has been assigned to **Rogers, Lance****2019**2019200004 FRANWELL, INC. The application has been assigned to **Metric LLC**2019203917 I-MAB The application has been assigned to **I-Mab Biopharma US Limited**2019203918 I-MAB The application has been assigned to **I-Mab Biopharma US Limited**2019208261 Downhole Technology, LLC The application has been assigned to **The WellBoss Company, LLC**2019222870 I-Mab The application has been assigned to **I-Mab Biopharma US Limited****Extensions of Time, Section 223****Applications Received**

**Extensions of Time, Section 223**

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

**2007**

2007215394 **Gravitas Technologies Pty Ltd** An application to extend the time from 16 Feb 2019 to 16 Sep 2019 in which to pay a renewal fee has been filed . Address for service - STEELE ENVIRONMENT SOLUTIONS PTY. LTD. PO BOX 91 Lynbrook VIC 3975 AU

**2019**

2019222832 **Makani Technologies LLC** An application to extend the time from 06 Mar 2019 to 06 Sep 2019 in which to make a further application for a divisional patent has been filed . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

**Applications Allowed - Section 223(2)****1998**

1998056180 **Immunex Corporation** The time in which to pay a renewal fee has been extended to 22 Jul 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2011**

2011354492 **Sea to Summit Pty Ltd** The time in which to pay the renewal fee has been extended to 05 Aug 2019 . Address for service - Elliptic Legal & Patent Services SE 5A 63 Shepperton RD Victoria Park WA 6100 AU

**2013**

2013270606 **Sea to Summit Pty Ltd** The time in which to pay a renewal fee has been extended to 05 Aug 2019 . Address for service - Elliptic Legal & Patent Services Suite 5A 63 Shepperton Road Victoria Park WA 6100 AU

**2014**

2014374401 **AAI Corporation** The time in which to pay a renewal fee has been extended to 08 May 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2016**

2016214943 **Protech SpA** The time in which to request Examination has been extended to 31 Oct 2019 . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2016220549 **Nanyang Technological University** The time in which to request Examination has been extended to 06 Nov 2019 . Address for service - INNOFY PTY LTD 315 Brunswick St Fortitude Valley Brisbane QLD 4000 AU

2016264431 **Kim, J.** The time in which to request examination has been extended to 21 Aug 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2017**

2017262385 **Kando Innovation Limited** The time in which to pay the acceptance fee has been extended to 20 Oct 2019 . Address for service

**Extensions of Time, Section 223**

- Donald Rivers Ensor 111 Western Springs Road Mt Albert Auckland City 1022 NZ

**2019**

2019226242 **Slurry Solutions Inc.** The time in which to make a further application for a divisional patent has been extended to 05 Oct 2019 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

**Section 223(1) Allowances****2018**

2018102114 **Smith, G.** The time in which to gain certification has been extended to 02 Nov 2019

**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.

**2010**

2010267775 Use of one or a combination of phyto-cannabinoids in the treatment of epilepsy **Otsuka Pharmaceutical Co. Limited ; GW Pharma Limited** The nature of the amendment is as shown in the statement(s) filed 03 Jul 2019 . Address for service - FB Rice Pty Ltd Level 14 90 Collins St Melbourne VIC 3000 AU

**2012**

2012204800 Use of the phytocannabinoid cannabidiol (CBD) in combination with a standard anti-epileptic drug (SAED) in the treatment of epilepsy **GW Pharma Limited ; Otsuka Pharmaceutical Co. Limited** The nature of the amendment is as shown in the statement(s) filed 03 Jul 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2013**

2013257430 USB peripheral device detection on an unpowered bus **InterDigital CE Patent Holdings** The nature of the amendment is as shown in the statement(s) filed 03 Oct 2019 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2013393263 Method and apparatus for distinguishing screen hold from screen touch **Interdigital CE Patent Holdings, SAS** The nature of the amendment is as shown in the statement(s) filed 03 Oct 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2014**

2014227586 User training by intelligent digital assistant **Apple Inc.** The nature of the amendment is as shown in the statement(s)

**Amendments**

filed 13 Sep 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2015**

2015274647 Protease-cleavage resistant, Shiga toxin a subunit effector polypeptides and cell-targeted molecules comprising the same  
**Molecular Templates, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Sep 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2015295037 Plant inoculation method **Azotic Technologies Ltd**  
The nature of the amendment is as shown in the statement(s) filed 22 Oct 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2015414953 Output control device, system, and program **EIZO Corporation**  
The nature of the amendment is as shown in the statement(s) filed 24 Oct 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2016**

2016239331 A novel IL33 form, mutated forms of IL33, antibodies, assays and methods of using the same **MedImmune Limited** The nature of the amendment is as shown in the statement(s) filed 16 Oct 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

**2017**

2017251769 Polynucleotides, Polypeptides Encoded Thereby, and Methods of Using Same for Increasing Abiotic Stress Tolerance, Biomass and/or Yield in Plants Expressing Same **Evogene Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Oct 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017267771 Wear-resistant part and manufacturing method for same  
**Komatsu Ltd.** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017377855 Envelope printing system **Xante Corporation** The nature of the amendment is as shown in the statement(s) filed 06 Sep 2019 . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

**2018**

2018201826 Improved methods of cell culture for adoptive cell therapy **Wilson Wolf Manufacturing Corporation** The nature of the amendment is as shown in the statement(s) filed 24 Oct 2019 . Address for service - Watermark Intellectual Property Pty Ltd Level 1 109 Burwood Road Hawthorn VIC 3122 AU

2018204427 METHOD AND APPARATUS FOR RENDERING ACOUSTIC SIGNAL, AND COMPUTER-READABLE RECORDING MEDIUM **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 15 Oct 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2018204430 Reduced-size interfaces for managing alerts **Apple Inc.** The nature of the amendment is as shown in the statement(s)

**Amendments**

filed 10 Oct 2019 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**Amendments Made****2014**

2014222428 **Weatherford Technology Holdings, LLC** The nature of the amendment is as shown in the statement filed 18 Apr 2019

**2015**

2015202472 **Sunbeam Corporation Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2015101973

2015234233 **APBSF Ltd** The nature of the amendment is as shown in the statement filed 29 Jul 2019

2015238300 **Astex Therapeutics Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Jul 2019

2015248440 **Ever Clean And Clear Technologies Ltd** The nature of the amendment is as shown in the statement filed 31 Jul 2019

2015306064 **Matrix Composites & Engineering Ltd** The nature of the amendment is as shown in the statement(s) filed 01 Oct 2019

2015306907 **Duke University** The nature of the amendment is as shown in the statement(s) filed 24 Jul 2019

2015358257 **Active Agriscience Inc.** The nature of the amendment is as shown in the statement filed 15 Jul 2019

**2016**

2016223339 **Thales** The nature of the amendment is: Amend the name of the inventor to read Malburet, Rémy; Fraisse, Yohann; Lagadec, Jean; Theckes, Benoît and Vicariot, Philippe

2016277635 **Crisp, S.; Crisp, G.** The nature of the amendment is: Application is to proceed under the number 2016102427

2016297047 **Max Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 02 Aug 2019

2016405114 **China University of Mining and Technology** The nature of the amendment is: Amend the invention title to read METHOD FOR DESIGNING SUPPORTING PARAMETERS OF TRANSITION SUPPORT FOR MIXED MINING FACE OF FILLING AND FULLY-MECHANIZED MINING

**2017**

2017204143 **Velos Media International Limited** The nature of the amendment is as shown in the statement filed 29 Jul 2019

2017220473 **Panpac Engineering A/S** The nature of the amendment is as shown in the statement filed 22 Jul 2019

2017239508 **Retrophin, Inc.** The nature of the amendment is as shown in the statement filed 30 Jul 2019

**Amendments**

2017251155 **Bayer Animal Health GmbH** The nature of the amendment is: Amend the name of the inventor to read Köhler, Adeline; Welz, Claudia; Börngen, Kirsten; Kulke, Daniel; Ilg, Thomas; Köbberling, Johannes; Hübsch, Walter; Schwarz, Hans-Georg; Görgens, Ulrich; Ebbinghaus-Kintzsch, Ulrich; Hink, Maike; Nennstiel, Dirk; Raming, Klaus; Adamczewski, Martin; Böhm, Claudia; Griebenow, Nils and Zhuang, Wei

2017254841 **Ping An Technology(Shenzhen)Co.,Ltd.** The nature of the amendment is: Application is to proceed under the number 2017101869

2017268623 **Ping An Technology (Shenzhen) Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2017101867

2017321488 **The Regents of the University of California** The nature of the amendment is as shown in the statement(s) filed 03 Oct 2019

2017332752 **Artisan Vehicle Systems Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2019

2017389818 **Institute of Materia Medica, Chinese Academy of Medical Sciences** The nature of the amendment is: Amend the name of the inventor to read Xu, Heng; Chen, Xiaoguang; Lin, Songwen; Ji, Ming; Jin, Jing; Wu, Deyu; Wang, Chunyang and Lv, Yuanhao

2017400361 **Catbird Networks, Inc.** The nature of the amendment is: Amend the name of the inventor to read Rieke, Malcolm and Barry, Holland Carrere

2017403690 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read TRANSMISSION DIRECTION CONFIGURATION METHOD, DEVICE, AND SYSTEM

2017404652 **Re-Time Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Lack, Leon; Olsen, Benjamin; Townsend, Vera and Scott, Hannah

2017405577 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read INTER-COMMUNICATIONS-SYSTEM HANDOVER METHOD, DEVICE, AND SYSTEM

2017405739 **TTI (Macao Commercial Offshore) Limited** The nature of the amendment is: Application is to proceed under the number 2017101868

2017406174 **TTI (Macao Commercial Offshore) Limited** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2019

**2018**

2018200447 **Torqeedo GmbH** The nature of the amendment is as shown in the statement filed 04 Jul 2019

2018200936 **Ecolab USA Inc.** The nature of the amendment is: Amend the priority details to remove divisional details 2015223407

2018217202 **SAINT-GOBAIN GLASS FRANCE** The nature of the amendment is as shown in the statement filed 08 Jul 2019

**Amendments**

2018218747 **Fujitsu General Limited** The nature of the amendment is: Amend the invention title to read Air conditioner

2018228511 **GLxT Holdings, LLC** The nature of the amendment is as shown in the statement(s) filed 02 Oct 2019

2018231240 **President and Fellows of Harvard College** The nature of the amendment is as shown in the statement(s) filed 04 Oct 2019

2018232791 **Baek, J.** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2019 and 22 Oct 2019

2018235441 **Elox Pharmaceuticals Ltd.** The nature of the amendment is as shown in the statement(s) filed 27 Sep 2019

2018237126 **Ballesteros, J.** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2019

2018238102 **Caldan Therapeutics Limited** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2019

2018238226 **INL - International Iberian Nanotechnology Laboratory** The nature of the amendment is: Amend the priority details to read 17163284.7 28 Mar 2017 EP

2018239238 **Temptime Corporation** The nature of the amendment is as shown in the statement(s) filed 10 Oct 2019

2018239923 **Kellogg Company** The nature of the amendment is: Amend the name of the inventor to read Murthy, Ganapa Sashidhara and Yousef, Daniel Brian

2018251594 **Janssen Pharmaceutica NV** The nature of the amendment is: Amend the name of the inventor to read YU, Margaret K. and SNYDER, Linda Anne

2018255132 **Joint Stock Company "BIOCAD"** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2019

2018258323 **Seminis Vegetable Seeds, Inc.** The nature of the amendment is: Amend the name of the inventor to read Allersma, Anton Pieter; Avner, Diane Kerr; Berke, Terry; Eckard, Jonathan Tyler and Just, Brian J.

2018266566 **Arixia Pharmaceuticals, Inc.** The nature of the amendment is: Amend the invention title to read BETA-LACTAMASE INHIBITORS AND USES THEREOF

2018273320 **Nippon Steel Corporation; Vallourec Oil and Gas France** The nature of the amendment is: Amend the invention title to read Threaded connection for steel pipes

**2019**

2019222936 **Apple Inc.** The nature of the amendment is: Amend the priority details to read 62/729,288 10 Sep 2018 US and 201914034728 28 Aug 2019 IN

**Amendments**

2019229394 **MedImmune, LLC** The nature of the amendment is:  
Amend the name of the inventor to read Van Vlerken-Ysla, Lilian Emilia  
and Hurt, Elaine Marie

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2001**

2001280096 Kyowa Hakko Kirin Co., Ltd. The name of the patentee  
has been altered to **Kyowa Kirin Co., Ltd.**

**2002**

2002251562 Kyowa Hakko Kirin Co., Ltd. The name of the patentee  
has been altered to **Kyowa Kirin Co., Ltd.**

2002255284 Kyowa Hakko Kirin Co., Ltd. The name of the patentee  
has been altered to **Kyowa Kirin Co., Ltd.**

**2004**

2004284170 Evonik Rohm GmbH The name of the patentee has  
been altered to **Röhm GmbH**

2004309275 Kyowa Hakko Kirin Co., Ltd. The name of the patentee  
has been altered to **Kyowa Kirin Co., Ltd.**

**2006**

2006318329 Kyowa Hakko Kirin Co., Ltd. The name of the patentee  
has been altered to **Kyowa Kirin Co., Ltd.**

2006326702 Sociedad Espanola de Desarrollos Quimicos S.L. The  
name of the patentee has been altered to **SEDQ Healthy Crops S.L.**

**2008**

2008280344 Evonik Rohm GmbH The name of the patentee has  
been altered to **Röhm GmbH**

**2009**

2009296415 Advanced Bifurcation Systems, Inc. The name of the  
patentee has been altered to **Advanced Bifurcation Systems Inc.**

**2010**

2010272714 Evonik Rohm GmbH The name of the patentee has  
been altered to **Röhm GmbH**

**2011**

2011238126 Evonik Rohm GmbH The name of the patentee has  
been altered to **Röhm GmbH**

**2012**

2012292352 Evonik Rohm GmbH The name of the patentee has  
been altered to **Röhm GmbH**

**2013**

2013221572 Alcrest, Inc. The name of the patentee has been  
altered to **Alcrest Therapeutics, Inc.**

**Amendments****2014**

2014203331 Hitachi Appliances, Inc. The name of the patentee has  
been altered to **Hitachi Global Life Solutions, Inc.**

2014214543 Newport Digital Technologies Australia Pty Ltd The  
name of the applicant has been altered to **SensaData Pty Limited**

2014222132 Nippon Steel & Sumikin Coated Sheet Corporation ; Ni-  
hon Parkerizing Co., Ltd.; Nippon Steel Corporation The name of the  
patentee has been altered to **Nippon Steel Coated Sheet Corpora-  
tion; Nihon Parkerizing Co., Ltd.; Nippon Steel Corporation**

2014261648 BASF SE; Evonik Rohm GmbH The name of the pat-  
entee has been altered to **Röhm GmbH; BASF SE**

**2016**

2016257113 Devrone The name of the applicant has been altered  
to **Devrone Unlimited Company**

2016275707 Areva NC The name of the applicant has been altered  
to **Orano Cycle**

**2018**

2018202005 Alcrest, Inc. The name of the applicant has been  
altered to **Alcrest Therapeutics, Inc.**

2018238817 Goodwe Power Supply Technology Co., Ltd The name  
of the applicant has been altered to **Jiangsu Goodwe Power Supply  
Technology Co.,Ltd.**

2018280144 Medos International Sàrl; Mark Hall The name of the  
applicant has been altered to **Medos International Sàrl**

2018376026 China University of Mining and Technology; Xuzhou  
Zhongkuang Backfilling&Mining Technology Co., Ltd The name of the  
applicant has been altered to **China University of Mining and Tech-  
nology; Xuzhou Zhongkuang Backfilling & Mining Technology Co.,  
Ltd**

**2019**

2019216734 Xiao, Hang The name of the applicant has been  
altered to **Xiao, H.**

2019246874 Alcrest, Inc. The name of the applicant has been  
altered to **Alcrest Therapeutics, Inc.**

2019902362 Ecoganics Pty Ltd The name of the applicant has  
been altered to **Ecogenic Pty Ltd**

2019903996 Francesco Santo Sciacca The name of the applicant  
has been altered to **Ecogenic Pty Ltd**

## Applications Open to Public Inspection

## Name Index

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

(71) ABUS August Bremicker Söhne KG  
 (11) AU-A-2019202734  
 (21) 2019202734 (22) 18.04.2019  
 (54) PADLOCK FOR SECURING A SWITCH  
 (51) Int. Cl.  
*E05B 67/00* (2006.01)  
*E05B 27/10* (2006.01)  
*E05B 67/38* (2006.01)  
 (31) 102018109746.8 (32) 23.04.18 (33) DE  
 (43) 07.11.2019  
 (72) Fan, Wai Kuen; Garthe, Bernhard; Thomas, Manuel  
 (74) Phillips Ormonde Fitzpatrick

(71) Acceleron Pharma Inc.  
 (11) AU-A-2019253782  
 (21) 2019253782 (22) 21.10.2019  
 (54) Truncated ActRIIB-FC fusion proteins  
 (51) Int. Cl.  
*C07K 14/705* (2006.01)  
*A61K 38/17* (2006.01)  
*A61P 3/00* (2006.01)  
 (43) 07.11.2019  
 (62) 2018200418  
 (72) Seehra, Jasbir; Kumar, Ravindra  
 (74) Shelston IP Pty Ltd.

(71) Accenture Global Services Limited  
 (11) AU-A-2019253767  
 (21) 2019253767 (22) 21.10.2019  
 (54) SYSTEM ARCHITECTURE FOR CUSTOMER GENOME CONSTRUCTION AND ANALYSIS  
 (51) Int. Cl.  
*G06Q 10/06* (2012.01)  
*G06F 17/40* (2006.01)  
 (43) 07.11.2019  
 (62) 2017203106  
 (72) HAWKINS, Christopher John; DANG, Leeann Chau Tuyet; NGUYEN, David Tong; CHU, Hyon S.; CHENG, Serena Tsiao-Yi; WALKER, Bryan Michael; LI, Ziqi  
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited  
 (11) AU-A-2019201821  
 (21) 2019201821 (22) 15.03.2019  
 (54) GENERATING AN EXECUTION SCRIPT FOR CONFIGURATION OF A SYSTEM  
 (51) Int. Cl.  
*G06F 8/33* (2018.01)  
*G06F 17/20* (2006.01)  
 (31) 15/960,009 (32) 23.04.18 (33) US  
 (43) 07.11.2019  
 (72) Antonio, Emmanuel Benbinuto; Martinez, Yvonne Jean; Raymundo, Raye

Willson Paez; Calma, Donna Clarisse Lemence; Tulagan, Marvin G.  
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited  
 (11) AU-A-2019201876  
 (21) 2019201876 (22) 18.03.2019  
 (54) DETECTING CORRELATION AMONG SETS OF TIME SERIES DATA  
 (51) Int. Cl.  
*G06Q 10/04* (2012.01)  
*G06F 16/35* (2019.01)  
*G06K 9/00* (2006.01)  
*G06N 5/02* (2006.01)  
*G06N 5/04* (2006.01)  
*G06Q 10/06* (2012.01)  
*G06Q 10/10* (2012.01)  
 (31) 15/960,005 (32) 23.04.18 (33) US  
 (43) 07.11.2019  
 (72) Antonio, Emmanuel Benbinuto; Martinez, Yvonne Jean; Raymundo, Raye Willson Paez; Agito, Michael D. G.; DALUPANG, Elpidio J. C.  
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited  
 (11) AU-A-2019201980  
 (21) 2019201980 (22) 21.03.2019  
 (54) A COLLABORATIVE VIRTUAL ENVIRONMENT  
 (51) Int. Cl.  
*G06F 3/048* (2013.01)  
*G06Q 10/06* (2012.01)  
*G06Q 10/10* (2012.01)  
*G10L 15/08* (2006.01)  
 (31) 15/959,892 (32) 23.04.18 (33) US  
 (43) 07.11.2019  
 (72) GHATAGE, Prakash; VISWANATHAN, Kumar; KUMAR, R.B. Santhosh; VARGHESE, Vinu; IYER, Raghavan; D'SILVA, Ashwin  
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited  
 (11) AU-A-2019202382  
 (21) 2019202382 (22) 05.04.2019  
 (54) ROBOTIC AGENT CONVERSATION ESCALATION  
 (51) Int. Cl.  
*G06F 17/28* (2006.01)  
*G06Q 50/00* (2012.01)  
 (31) 15/961,393 (32) 24.04.18 (33) US  
 (43) 07.11.2019  
 (72) LECUE, Freddy; GUERET, Christophe Dominique  
 (74) Murray Trento & Associates Pty Ltd

(71) Adlens Beacon, Inc.  
 (11) AU-A-2019250166  
 (21) 2019250166 (22) 16.10.2019

(54) Aspheric fluid filled lens optic  
 (51) Int. Cl.  
*G02B 1/06* (2006.01)  
 (43) 07.11.2019  
 (62) 2017204186  
 (72) GUPTA, Amitava; SCHNELL, Urban; HAROUD, Karim; JAEGER, Hans  
 (74) Spruson & Ferguson

(71) Adobe Inc.  
 (11) AU-A-2019200746  
 (21) 2019200746 (22) 04.02.2019  
 (54) METHOD TO GENERATE SUMMARIES TUNED TO TOPICS OF INTEREST OF READERS  
 (51) Int. Cl.  
*G06F 16/34* (2019.01)  
*G06N 3/02* (2006.01)  
 (31) 15/960,505 (32) 23.04.18 (33) US  
 (43) 07.11.2019  
 (72) Krishna, Kundan; Srinivasan, Balaji Vasan  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Adroit Surgical, LLC  
 (11) AU-A-2019250237  
 (21) 2019250237 (22) 18.10.2019  
 (54) BOUGIE AND METHOD OF MAKING AND USING SAME  
 (51) Int. Cl.  
*A61M 25/00* (2006.01)  
 (43) 07.11.2019  
 (62) 2015243274  
 (72) Vasan, Nilesh R.  
 (74) Phillips Ormonde Fitzpatrick

(71) Advanced Green Biotechnology Inc.  
 (11) AU-A-2019202785  
 (21) 2019202785 (22) 18.04.2019  
 (54) Granular Fertilizer and Manufacturing Method Thereof  
 (51) Int. Cl.  
*C05G 3/00* (2006.01)  
 (31) 107113428 (32) 20.04.18 (33) TW  
 (43) 07.11.2019  
 (72) KAO, WAN-JUNG; WEI, WEI-SHENG; YANG, YI-JHIH; KHOO, SHEAN-YUN; ONG, ALAN DARMASAPUTRA; HSU, HAN-YU; SU, YU-CHIEN; PANUTTA, KANHA; LIU, CHIEN-YI  
 (74) Michael Buck IP

(71) AGNEW, P.  
 (11) AU-A-2018202798  
 (21) 2018202798 (22) 23.04.2018  
 (54) COMBUSTION APPARATUS  
 (51) Int. Cl.  
*F23M 5/00* (2006.01)

## Applications Open to Public Inspection - Name Index cont'd

(43) 07.11.2019  
 (72) AGNEW, Paul  
 (74) Churchill Attorneys

(71) AlderBio Holdings LLC  
 (11) AU-A-2019250228  
 (21) 2019250228 (22) 18.10.2019  
 (54) Anti-IL-6 antibodies for the treatment of oral mucositis  
 (51) Int. Cl.  
*A61K 38/17* (2006.01)  
*A61K 38/18* (2006.01)  
*A61K 39/395* (2006.01)  
*A61K 48/00* (2006.01)  
*A61P 35/00* (2006.01)  
 (43) 07.11.2019  
 (62) 2017203536  
 (72) Smith, Jeffrey T.L.; Feldhaus, Andrew L.; Garcia-Martinez, Leon R.  
 (74) Watermark Intellectual Property Pty Ltd

(71) Anji Pharma (US) LLC  
 (11) AU-A-2019253780  
 (21) 2019253780 (22) 21.10.2019  
 (54) Chemosensory receptor ligand-based therapies  
 (51) Int. Cl.  
*A61K 31/4709* (2006.01)  
*A61K 31/155* (2006.01)  
*A61K 31/194* (2006.01)  
*A61K 31/198* (2006.01)  
*A61K 31/20* (2006.01)  
*A61K 31/201* (2006.01)  
*A61K 31/353* (2006.01)  
*A61K 31/575* (2006.01)  
*A61K 31/7016* (2006.01)  
*A61K 31/7032* (2006.01)  
*A61K 31/704* (2006.01)  
*A61P 1/00* (2006.01)  
*A61P 3/00* (2006.01)  
*A61P 3/04* (2006.01)  
*A61P 3/10* (2006.01)  
*A61P 7/12* (2006.01)  
*A61P 19/10* (2006.01)  
*A61P 21/00* (2006.01)  
*A61P 25/00* (2006.01)  
*A61P 25/22* (2006.01)  
*A61P 25/24* (2006.01)  
*A61P 37/00* (2006.01)  
*C12N 5/07* (2010.01)  
 (43) 07.11.2019  
 (62) 2017206190  
 (72) BARON, Alain D.; BROWN, Martin R.; JONES, Christopher R. G.; BEELEY, Nigel R. A.; FINEMAN, Mark S.  
 (74) Spruson & Ferguson

(71) Apple Inc.  
 (11) AU-A-2019250182  
 (21) 2019250182 (22) 17.10.2019  
 (54) User interface for initiating a telephone call  
 (51) Int. Cl.  
*G06F 3/0484* (2013.01)  
*G06F 3/0488* (2013.01)  
*H04W 4/90* (2018.01)

(43) 07.11.2019  
 (62) 2017277838  
 (72) WILLIAMS, Aled Hywel; IVE, Jonathan P.; JONES, Bronwyn; KAWASHIMA, Ieyuki; LYNCH, Kevin; MARIC, Natalia; SCHOBEL, Andreas E.; WIEBE, Molly Pray  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2019250251  
 (21) 2019250251 (22) 18.10.2019  
 (54) Physical activity and workout monitor  
 (51) Int. Cl.  
*G06F 17/00* (2019.01)  
 (43) 07.11.2019  
 (62) 2019201583  
 (72) BLAHNIK, Jay; BUTCHER, Gary Ian; CHEN, Kevin Will; GRAHAM, David Chance; KEEN, Daniel S.; RUSHING, Justin Shane; SHORTLIDGE, T. Allan; DAVYDOV, Anton M.; DYE, Alan C.; IVE, Jonathan P.; KENNEDY, Zachery; MINJACK, Zachury; PARK, Dennis S.; SCHMITT, Brian  
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Genetic Technologies Corporation  
 (11) AU-A-2019250249  
 (21) 2019250249 (22) 18.10.2019  
 (54) PROMOTERS, EXPRESSION CASSETTES, VECTORS, KITS, AND METHODS FOR THE TREATMENT OF ACHROMATOPSIA AND OTHER DISEASES  
 (51) Int. Cl.  
*C12N 15/11* (2006.01)  
*A61K 48/00* (2006.01)  
*C12N 15/12* (2006.01)  
*C12N 15/861* (2006.01)  
 (43) 07.11.2019  
 (62) 2017202320  
 (72) Ye, Guo-Jie; Chulay, Jeffrey D.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019250168  
 (21) 2019250168 (22) 16.10.2019  
 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE  
 (51) Int. Cl.  
*A63F 13/00* (2014.01)  
*G07F 17/32* (2006.01)  
 (43) 07.11.2019  
 (62) 2018202001  
 (72) MEYER, Jason  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019250169  
 (21) 2019250169 (22) 16.10.2019  
 (54) A GAMING DEVICE

(51) Int. Cl.  
*A63F 13/00* (2014.01)  
 (43) 07.11.2019  
 (62) 2018202257  
 (72) FONG, Colin  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2019250274 (22) 18.10.2019  
 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER  
 (51) Int. Cl.  
*A63F 9/24* (2006.01)  
 (43) 07.11.2019  
 (62) 2017251863  
 (72) BRAMBLE, Paul Francis Jason  
 (74) Griffith Hack

(71) ASSA ABLOY Korea  
 (11) AU-A-2019202691  
 (21) 2019202691 (22) 17.04.2019  
 (54) Clutch engagement assembly of door lock and driving device thereof  
 (51) Int. Cl.  
*E05B 47/00* (2006.01)  
*E05B 13/00* (2006.01)  
 (31) 10-2018-0044834 (32) 18.04.18 (33) KR 10-2018-0044801 18.04.18 KR  
 (43) 07.11.2019  
 (72) KWON, Tae Hoon  
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) Aurora Flight Sciences Corporation  
 (11) AU-A-2019202757  
 (21) 2019202757 (22) 18.04.2019  
 (54) Adaptive autonomy system architecture  
 (51) Int. Cl.  
*G05D 1/00* (2006.01)  
 (31) 15/957,003 (32) 19.04.18 (33) US 14/487,200 19.04.18  
 (43) 07.11.2019  
 (72) RYAN, Jason; SAUNDERS, Jeffery  
 (74) FB Rice Pty Ltd

(71) Axiflux Pty Ltd  
 (11) AU-A-2019250219  
 (21) 2019250219 (22) 17.10.2019  
 (54) ELECTRIC MOTOR/GENERATOR  
 (51) Int. Cl.  
*H02K 1/12* (2006.01)  
*H02K 41/00* (2006.01)  
*H02P 6/00* (2006.01)  
 (43) 07.11.2019  
 (62) 2017218939  
 (72) Jahshan, David Elias  
 (74) Axiflux Pty Ltd

Baxalta GmbH see Baxalta Incorporated  
 (21) 2019250262

(71) Baxalta Incorporated; Baxalta GmbH  
 (11) AU-A-2019250262  
 (21) 2019250262 (22) 18.10.2019

## Applications Open to Public Inspection - Name Index cont'd

- (54) SUBCUTANEOUS INFUSION DEVICE FOR INJECTING MEDICINAL SUB-STANCES  
 (51) Int. Cl.  
**A61M 5/32** ( 2006.01 )  
**A61M 5/158** ( 2006.01 )  
**A61M 25/06** ( 2006.01 )  
 (43) 07.11.2019  
 (62) 2015236125  
 (72) YARDIMCI, Atif Mehmet; TAN, Aaron; DHYANI, Tejas; MITCHELL, Nathan; JEDRZEJEK, Eric; KANUGA, Chinmay  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
- 

- (71) Beijing Hanergy Solar Power Investment Co., Ltd.  
 (11) AU-A-2018214062  
 (21) 2018214062 (22) 08.08.2018  
 (54) DEVICE, SYSTEM AND METHOD FOR CONTROLLING POWER ON/OFF OF SOLAR MODULE  
 (51) Int. Cl.  
**H02S 40/30** ( 2014.01 )  
 (31) 201820639124.8 (32) 28.04.18 (33) CN 201820558437.0 18.04.18 CN 201810402230.9 28.04.18 CN  
 (43) 07.11.2019  
 (72) PAN, Wei; LI, Hongjie  
 (74) Wallington-Dummer
- 

- (71) Blazley Designs Pty. Ltd.  
 (11) AU-A-2019202793  
 (21) 2019202793 (22) 18.04.2019  
 (54) EXPLOSIVE STOREHOUSE CONSTRUCTION  
 (51) Int. Cl.  
**E04H 9/10** ( 2006.01 )  
**E04B 1/98** ( 2006.01 )  
**F42B 39/14** ( 2006.01 )  
 (31) 2018901356 (32) 24.04.18 (33) AU  
 (43) 07.11.2019  
 (72) LUCAS, Richard James; LUCAS, Ricky Steven; LUCAS, Craig Andrew  
 (74) WRAYS PTY LTD
- 

- (71) Blick, D.B.  
 (11) AU-A-2019250176  
 (21) 2019250176 (22) 16.10.2019  
 (54) BUILDING SHEET POSITIONER  
 (51) Int. Cl.  
**E04F 21/00** ( 2006.01 )  
**E04B 2/44** ( 2006.01 )  
**E04G 21/16** ( 2006.01 )  
 (43) 07.11.2019  
 (62) 2014387423  
 (72) Blick, David Bryan  
 (74) Sandercock & Cowie
- 

**Board of Regents of The University of Texas System see Case Western Reserve University**  
 (21) 2019250163

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- (71) Bristol-Myers Squibb Holdings Ireland Unlimited Company; Pfizer Inc.  
 (11) AU-A-2019250238  
 (21) 2019250238 (22) 18.10.2019  
 (54) APIXABAN FORMULATIONS  
 (51) Int. Cl.  
**A61K 9/20** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 7/02** ( 2006.01 )  
 (43) 07.11.2019  
 (62) 2017228681  
 (72) Patel, Jatin; Frost, Charles; Jia, Jingpin; Vema-Varapu, Chandra  
 (74) Phillips Ormonde Fitzpatrick
- 

- (71) Bruckbauer, W.  
 (11) AU-A-2019202038  
 (21) 2019202038 (22) 25.03.2019  
 (54) Wall box and ventilation system comprising a wall box  
 (51) Int. Cl.  
**F24F 13/10** ( 2006.01 )  
**F24F 13/02** ( 2006.01 )  
 (31) 102018205935.7 (32) 18.04.18 (33) DE  
 (43) 07.11.2019  
 (72) Immerz, Anja; Bauer, Maximilian; Blersch, Mario  
 (74) Gestalt Law Pty Ltd
- 

- (71) Cala Health, Inc.  
 (11) AU-A-2019250222  
 (21) 2019250222 (22) 17.10.2019  
 (54) DEVICES AND METHODS FOR CONTROLLING TREMOR  
 (51) Int. Cl.  
**A61N 1/00** ( 2006.01 )  
**A61N 1/08** ( 2006.01 )  
**A61N 1/18** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
 (43) 07.11.2019  
 (62) 2017204831  
 (72) Rosenbluth, Kathryn H.; Delp, Scott L.; Paderi, John; Rajasekhar, Vijaykumar; Altman, Tahel  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 

- (71) Canon Kabushiki Kaisha  
 (11) AU-A-2018202801  
 (21) 2018202801 (22) 23.04.2018  
 (54) Method, apparatus and system for producing a foreground map  
 (51) Int. Cl.  
**H04N 19/142** ( 2014.01 )  
 (43) 07.11.2019  
 (72) Gan, Jonathan  
 (74) Spruson & Ferguson
- 

- (71) CardinalCommerce Corporation  
 (11) AU-A-2019250225  
 (21) 2019250225 (22) 18.10.2019  
 (54) System and method for conversion between internet and non-internet based transactions  
 (51) Int. Cl.  
**G06Q 20/02** ( 2012.01 )  
**G06Q 30/00** ( 2006.01 )
- 

- (43) 07.11.2019  
 (62) 2018201784  
 (72) BALASUBRAMANIAN, Chandra; KERESMAN, Michael; SHERWIN, Francis  
 (74) FB Rice Pty Ltd
- 

- (71) Cardinal Health Switzerland 515 GmbH  
 (11) AU-A-2019250245  
 (21) 2019250245 (22) 18.10.2019  
 (54) STENT CANNULATION GUIDING DEVICE AND METHOD OF USE  
 (51) Int. Cl.  
**A61M 25/01** ( 2006.01 )  
**A61M 29/02** ( 2006.01 )  
 (43) 07.11.2019  
 (62) 2018226379  
 (72) Majercak, David C.; Park, Jin S.; Calderise, Salvatore G.  
 (74) Griffith Hack
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*B29C 64/106* (2017.01 )  
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2018202694	Global Esprit Inc.	2019202793	Blazley Designs Pty. Ltd.
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2018202717	The Council of The Queensland Institute of Medical Research	2019202872	Elmer's Welding & Manufacturing Ltd.
2018202755	Shiro Australia Pty Limited	2019202886	ResMed R&D Germany GmbH
2018202788	I Cook Catering Services Pty Ltd	2019202890	Cold Jet, LLC
2018202798	AGNEW, P.	2019236735	NAGAKI SEIKI Co., Ltd.
2018202801	Canon Kabushiki Kaisha	2019246828	Mallinckrodt Hospital Products IP Limited
2018202821	Showing Off (Australia) Pty Ltd	2019246832	Indigo Agriculture, Inc.
2018202851	Caterpillar Underground Mining Pty Ltd	2019246869	Xcraft Enterprises, LLC
2018205092	L&H Industrial, Inc.	2019246873	Fisher & Paykel Healthcare Limited
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2018208658	L3 Applied Technologies, Inc.	2019250125	Fujitsu Limited
2018214062	Beijing Hanergy Solar Power Investment Co., Ltd.	2019250126	Snap-on Incorporated
2018219981	Longevity Neuro Solutions LLC	2019250127	DePuy Synthes Products, Inc.
2018220061	Constructive Innovation Products Pty Ltd	2019250129	DePuy Synthes Products, Inc.
2018236790	MiaSole Photovoltaic Technology Co., Ltd.	2019250161	Merus N.V.
2018374075	Jiangsu Huayuan Water-Saving Co., Ltd; China University of Mining and Technology	2019250162	Pictometry International Corp.
2018393125	Hangzhou Nanochip Electronics Co., Ltd.	2019250163	Case Western Reserve University; University Of Kentucky; Board of Regents of The University of Texas System
2018409645	China University of Mining and Technology	2019250164	Patent Investment & Licensing Company
2018412624	Rheinmetall MAN Military Vehicles Österreich GesmbH	2019250165	ChargePoint Technology Limited
2019200501	Cargotec Patenter AB	2019250166	Adlens Beacon, Inc.
2019200560	ESS Engineering Services & Supplies Pty Limited	2019250168	Aristocrat Technologies Australia Pty Limited
2019200647	Zasso Group AG	2019250169	Aristocrat Technologies Australia Pty Limited
2019200746	Adobe Inc.	2019250173	Frank Russell Company
2019200861	Tata Consultancy Services Limited	2019250176	Blick, D.B.
2019201121	VISION X ASIA CO.,LTD.; KO, I.H.	2019250177	The Intellectual Gorilla GmbH
2019201433	The Boeing Company	2019250179	Novadaq Technologies ULC
2019201791	S & C BACK FAMILY TRUST	2019250180	Oregon Health & Science University
2019201801	Hager-Electro SAS	2019250181	Epizyme, Inc.
2019201821	Accenture Global Solutions Limited	2019250182	Apple Inc.
2019201868	Nien Made Enterprise Co., Ltd.	2019250186	Orica International Pte Ltd
2019201876	Accenture Global Solutions Limited	2019250188	National University Of Ireland, Galway
2019201906	Covidien LP	2019250189	Metcalf, D.; Scherer, P.
2019201980	Accenture Global Solutions Limited	2019250191	ServiceNow, Inc.
2019202038	Bruckbauer, W.	2019250192	Immunomedics, Inc.
2019202046	FEI Company	2019250193	HIPAAT INC.
2019202047	FEI Company	2019250194	Microsoft Technology Licensing, LLC
2019202188	IGT	2019250196	Rite-Hite Holding Corporation
2019202255	Dow Global Technologies LLC; Rohm and Haas Company	2019250198	Niagara Bottling, LLC
2019202335	Piper Plastics Australia Pty Ltd	2019250199	University of Notre Dame DU LAC; MORASKI, G.; MILLER, M.
2019202352	ESAB AB	2019250200	Illumina, Inc.
2019202382	Accenture Global Solutions Limited	2019250201	F. Hoffmann-La Roche AG
2019202460	The Boeing Company	2019250205	KABUSHIKI KAISHA TOSHIBA; Toshiba Infrastructure Systems & Solutions Corporatio
2019202524	Linde Aktiengesellschaft	2019250206	ImCyse SA
2019202565	PCOR Pty Ltd	2019250207	Smith & Nephew plc
2019202574	Terex GB Limited	2019250213	MedImmune Limited
2019202613	Hunter Douglas Inc.	2019250215	Manufacturing Resources International, Inc.
2019202646	Oticon Medical A/S	2019250216	Impossible Foods Inc.
2019202652	The Boeing Company	2019250217	W.L. Gore & Associates, Inc.
2019202653	The Boeing Company	2019250219	Axiflux Pty Ltd
2019202682	The University of Akron; SWIMC LLC	2019250220	Verrica Pharmaceuticals, Inc.
2019202691	ASSA ABLOY Korea	2019250221	Exosome Diagnostics, Inc.
2019202692	UHU GmbH & Co. KG	2019250222	Cala Health, Inc.
2019202720	Covidien LP	2019250223	GTECH Canada ULC
2019202734	ABUS August Bremicker Söhne KG	2019250224	Selexis S.A.
2019202745	Schneider Electric Industries SAS	2019250225	CardinalCommerce Corporation
2019202752	Stroh, P.	2019250226	Netflix, Inc.
2019202756	LIGHTSPEED SOLUTIONS, LLC	2019250227	Immunomic Therapeutics, Inc.
2019202757	Aurora Flight Sciences Corporation	2019250228	AlderBio Holdings LLC
2019202759	HIIT Systems Pty Ltd	2019250229	Dropbox, Inc.
2019202767	SOLETANCHE FREYSSINET	2019250230	Topokine Therapeutics Inc.
2019202775	Climate Technologies Pty Ltd	2019250232	Dainihon Jochugiku Co., Ltd
2019202778	Sakura Finetek U.S.A., Inc.	2019250233	Smith & Nephew, Inc.

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2019250235	FMC Química do Brasil Ltda.
2019250237	Adroit Surgical, LLC
2019250238	Bristol-Myers Squibb Holdings Ireland Unlimited Company; Pfizer Inc.
2019250239	IPC Research, LLC
2019250241	Wright Medical Technology, Inc.
2019250242	Cellularity, Inc.
2019250245	Cardinal Health Switzerland 515 GmbH
2019250246	Greeneden U.S. Holdings II, LLC
2019250247	Koninklijke Philips N.V.
2019250248	HYTORC Division UNEX Corporation
2019250249	Applied Genetic Technologies Corporation
2019250251	Apple Inc.
2019250254	CIRIANNI, G.
2019250255	SunPower Corporation
2019250257	Flow Medtech, LLC
2019250260	Empi, Inc.
2019250262	Baxalta Incorporated; Baxalta GmbH
2019250264	Premier Tech Technologies LTEE
2019250265	Lines, A.
2019250266	Vanda Pharmaceuticals, Inc.
2019250267	University Health Network
2019250269	NuVasive, Inc.
2019250270	Minetek Investments Pty Ltd
2019250271	Mawsafe Products Pty Ltd
2019250272	MasterCard International Incorporated
2019250274	Aristocrat Technologies Australia Pty Limited
2019250276	Mastercard International Incorporated
2019250279	Stryker Corporation
2019253767	Accenture Global Services Limited
2019253769	Technological Resources Pty Ltd
2019253773	Dexcom, Inc.
2019253775	Verik Bio, Inc.
2019253776	Glycosyn LLC
2019253778	Sarepta Therapeutics, Inc.
2019253779	FISHER & PAYKEL HEALTHCARE LIMITED
2019253780	Anji Pharma (US) LLC
2019253782	Acceleron Pharma Inc.
2019253783	The Board of Trustees of the Leland Stanford Junior University
2019253785	Xyleco, Inc.

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<b>A01C 1 /-</b> 2019246832	<b>A47J 37 /-</b> 2018202755	<b>A61K 47 /-</b> 2019250230	<b>A61P 29 /-</b> 2019250117 2019250163	2019202653	<b>C04B 18 /-</b> 2019250265
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<b>A23L 33 /-</b> 2018202788	2019250267	<b>A61K 39 /-</b> 2019253782	<b>B03B 5 /-</b> 2019250265	<b>B65D 75 /-</b> 2018236790	<b>C08B 37 /-</b> 2019250267
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<b>A47F 5 /-</b> 2018202821	2019250126	<b>A61P 25 /-</b> 2019253780	<b>B24C 7 /-</b> 2019202890	<b>B65D 8 /-</b> 2019250198	<b>C09D 119 /-</b> 2019202682
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			<b>B29C 64 /-</b> 2019202460 2019202652	<b>B66C 15 /-</b> 2019200501	<b>C09D 5 /-</b> 2019202255
					<b>C09D 5 /-</b> 2019202682

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<b>C09D 7 /-</b> 2019202682	<b>E05B 27 /-</b> 2019202734	<b>G01N 1 /-</b> 2019202778 2019250221	<b>G06Q 20 /-</b> 2019202188 2019250225 2019250272 2019250276	<b>H01R 27 /-</b> 2019250126
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<b>C12N 15 /-</b> 2019250161 2019250180 2019250216 2019250221 2019250224 2019250249 2019253776 2019253778	<b>E05B 67 /-</b> 2019202734	<b>G02B 1 /-</b> 2019201433 2019250166	<b>G06Q 40 /-</b> 2019250173	<b>H02G 1 /-</b> 2019236735
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<b>C12P 21 /-</b> 2019250161	<b>E06B 5 /-</b> 2019250177	<b>G05B 15 /-</b> 2019200501	<b>G06T 15 /-</b> 2019250223	<b>H02K 41 /-</b> 2019250219
<b>C12Q 1 /-</b> 2018202716 2018202717 2019250181 2019250200	<b>E06B 7 /-</b> 2019202613	<b>G05B 19 /-</b> 2019200501	<b>G06T 17 /-</b> 2019250162	<b>H02M 11 /-</b> 2019200647
<b>C12R 1 /-</b> 2019250216	<b>E06B 9 /-</b> 2019202613	<b>G05D 1 /-</b> 2019202757	<b>G06T 9 /-</b> 2019250226	<b>H02P 6 /-</b> 2019250219
<b>D21B 1 /-</b> 2019253785	<b>F04D 25 /-</b> 2019250270	<b>G06F 11 /-</b> 2019250191	<b>G07F 17 /-</b> 2019202188	<b>H04B 5 /-</b> 2018393125
<b>D21C 1 /-</b> 2019253785	<b>F04D 29 /-</b> 2019250270	<b>G06F 16 /-</b> 2019201876	<b>G07F 17 /-</b> 2019202188 2019250164	<b>H04B 7 /-</b> 2019250194
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<b>E02D 29 /-</b> 2018205141	<b>F21V 21 /-</b> 2019201121	<b>G06F 17 /-</b> 2019201821	<b>G08B 1 /-</b> 2018236790	<b>H04L 29 /-</b> 2019202752
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<b>E04B 2 /-</b> 2019250176	<b>F24F 13 /-</b> 2019202038	<b>G06F 5 /-</b> 2019250182	<b>G08B 5 /-</b> 2019250196	<b>H04M 1 /-</b> 2019250246
<b>E04C 2 /-</b> 2018220061	<b>F24F 5 /-</b> 2019202775	<b>G06F 8 /-</b> 2019201821	<b>G08G 1 /-</b> 2019250205	<b>H04M 3 /-</b> 2019250246
<b>E04C 5 /-</b> 2019201791	<b>F24F 7 /-</b> 2019202775	<b>G06F 9 /-</b> 2019201821	<b>G09F 23 /-</b> 2019250215	<b>H04N 1 /-</b> 2019250223
<b>E04F 21 /-</b> 2019250176	<b>F25J 3 /-</b> 2019202524	<b>G06F 9 /-</b> 2019250125	<b>G10L 15 /-</b> 2019201980	<b>H04N 19 /-</b> 2018202801
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<b>E04H 17 /-</b> 2019250271	<b>F42B 3 /-</b> 2019250186	<b>G06N 3 /-</b> 2019200746	<b>H01L 31 /-</b> 2019250255	<b>H04W 36 /-</b> 2019250194
<b>E04H 9 /-</b> 2019202793	<b>F42B 39 /-</b> 2019202793	<b>G06N 5 /-</b> 2019201876	<b>H01Q 15 /-</b> 2019201433	<b>H04W 4 /-</b> 2019250182
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## Innovation Patents Open to Public Inspection

## Name Index

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

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

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(71) Aitken, S.; Petinsky, B.  
(11) AU-A-2016102426

(21) 2016102426 (22) 12.05.2016

(54) Socket protector

(51) Int. Cl.

**H01R 13/52** (2006.01)

**B60D 1/62** (2006.01)

(31) 2015901869 (32) 21.05.15 (33) AU

(45) 07.11.2019

(72) Aitken, Shem; Petinsky, Ben  
(74) WADESON

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(71) DASH Engineering Pty Ltd  
(11) AU-A-2019100882

(21) 2019100882 (22) 10.08.2019

(54) Self-Aligning Seal Assembly

(51) Int. Cl.

**F16J 15/3224** (2016.01)

**F16J 15/324** (2016.01)

(45) 07.11.2019

(62) PCT/AU2018/051045

(72) Beattie, David; Kendrick, Jim; Bampton, Alan Paul

(74) MEYER WEST IP PTY LTD

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(71) EASYQUIP PTY LTD

(11) AU-A-2019101172

(21) 2019101172 (22) 01.10.2019

(54) WASTE CONTAINER LID AND APPARATUS

(51) Int. Cl.

**B65F 1/16** (2006.01)

(31) 2018903718 (32) 02.10.18 (33) AU

(45) 07.11.2019

(72) Beer, Gregory Robert

(74) Patent Attorney Services

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(71) Hein, S.

(11) AU-A-2019101173

(21) 2019101173 (22) 01.10.2019

(54) MAGNETIC GRINDING PAPER FOR USE ON A ROTARY DRIVEN PLATE

(51) Int. Cl.

**B24D 9/08** (2006.01)

**B24B 7/10** (2006.01)

**B24D 7/00** (2006.01)

**B24D 11/00** (2006.01)

**B24D 13/14** (2006.01)

(31) 2018903706 (32) 02.10.18 (33) AU

(45) 07.11.2019

(72) Hein, Steven Charles

(74) Madderns Pty Ltd

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(71) Hinson, B.

(11) AU-A-2019101192

(21) 2019101192 (22) 02.10.2019

(54) The creation of a web site and database that freely allows a local recreational pastime participant to periodically advertise on his own password protected page, for an interested tourist to accompany that local when an excursion is planned. In return, the tourist is expected to pay a proportional share of the advertised activity's excursion expenses. To obtain the local's contact details, the tourist is required to pay a small fee to the web site's administration.

(51) Int. Cl.  
**G06Q 50/10** (2012.01)

(45) 07.11.2019

(72) Hinson, Brian

(74) Brian Hinson

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(71) Integrated Access Designs (Australia) Pty Ltd

(11) AU-A-2019101069

(21) 2019101069 (22) 17.09.2019

(54) Latch and method of latch installation

(51) Int. Cl.

**E05B 65/02** (2006.01)

**E05C 1/16** (2006.01)

(31) 2018903494 (32) 17.09.18 (33) AU

(45) 07.11.2019

(72) Greenbury, David; Lambrou, Harris

(74) Pini IP

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(71) Jain (Deemed-to-be University)

(11) AU-A-2019101175

(21) 2019101175 (22) 01.10.2019

(54) Keyhole Slot Loaded and Plus Shaped Microstrip Patch Antenna for Ultra-Wideband Applications

(51) Int. Cl.

**H01Q 9/40** (2006.01)

**H01Q 1/12** (2006.01)

**H01Q 13/10** (2006.01)

(45) 07.11.2019

(72) Thangadurai, N; Nagabhushana, HM; Byrareddy, CR

(74) Jain (Deemed-to-be University)

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(71) Jubian, A.

(11) AU-A-2019100824

(21) 2019100824 (22) 28.07.2019

(54) Consumers purchase products and want to have a convenient way of recording the purchase details and warranty information (if applicable) so they can find the information when they want to.

(51) Int. Cl.

**G06Q 30/00** (2012.01)

(45) 07.11.2019

(72) Jubian, Alexi

(74) Alexi Jubian

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(71) Kozlovic, L.

(11) AU-A-2019100894

(21) 2019100894 (22) 15.04.2019

(54) A disposable baby change mat

(51) Int. Cl.

**A47D 15/00** (2006.01)

**A61F 13/00** (2006.01)

(45) 07.11.2019

(62) 2017245308

(72) Kozlovic, Lorraine

(74) LESICAR MAYNARD ANDREWS PTY LTD

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(71) Liso, A.

(11) AU-A-2019101155

(21) 2019101155 (22) 30.09.2019

(54) MODULAR GARDEN EDGING SYSTEM WITH INCORPORATED LIGHTING

(51) Int. Cl.

**A01G 9/28** (2018.01)

**A01G 9/24** (2006.01)

**F21K 9/20** (2016.01)

(31) 2018903689 (32) 28.09.18 (33) AU

(45) 07.11.2019

(72) Liso, Andrew

(74) Adams Pluck

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(71) MESNAC Co., Ltd.

(11) AU-A-2015101972

(21) 2015101972 (22) 10.06.2015

(54) Radio frequency electronic tag for rubber tyre, and installation method for radio frequency electronic tag

(51) Int. Cl.

**G06K 19/077** (2006.01)

(31) 201410378865.1 (32) 04.08.14 (33) CN

(45) 07.11.2019

(72) Yao, Yong; Dong, Lanfei; Teng, Xuezhi; Tong, Qiang; Zhang, Donghui

(74) Shelston IP Pty Ltd.

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(71) Patriot Campers Pty Ltd

(11) AU-A-2017101863

(21) 2017101863 (22) 10.11.2017

(54) Drop Down Kitchen

(51) Int. Cl.

**B60P 3/34** (2006.01)

**A47B 77/06** (2006.01)

**A47B 77/08** (2006.01)

**A47B 77/10** (2006.01)

**A47L 17/02** (2006.01)

**B60P 3/36** (2006.01)

**B60R 15/00** (2006.01)

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(45) 07.11.2019  
 (72) Beet, Jack  
 (74) Spruson & Ferguson

(71) Patriot Campers Pty Ltd  
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*C25B 9/10* (2006.01)  
*C25C 1/00* (2006.01)  
*C25C 7/00* (2006.01)  
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 (51) Int. Cl.  
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 (21) 2018240522 (22) 23.03.2018  
 (54) Aerosol delivery system and method  
 (51) Int. Cl.  
*A61M 11/00 (2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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 F15B 15/10 (2006.01 )*  
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(51) Int. Cl.

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**A61P 31/04** ( 2006.01 )

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**F16L 1/235** ( 2006.01 )

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**A23L 33/165** ( 2016.01 )

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 (51) Int. Cl.  
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     C07K 7/08 (2006.01)  
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     A61K 31/437 (2006.01)  
     A61P 35/00 (2006.01)  
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**A61F 2/14** ( 2006.01 )  
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**A61L 27/52** ( 2006.01 )  
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*C07K 16/28* (2006.01)  
*A61K 39/395* (2006.01)  
*A61P 35/00* (2006.01)  
*A61P 37/04* (2006.01)  
*C12N 1/21* (2006.01)  
*C12N 5/10* (2006.01)  
*C12N 15/13* (2006.01)  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (43) 25.10.2018 (11) AU-A-2018241535  
 (72) Chen, Sidi; Dong, Matthew (21) 2018241535 (22) 29.03.2018  
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*C07K 19/00* (2006.01)  
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*C12P 21/02* (2006.01)  
*C12Q 1/02* (2006.01)  
*C40B 30/04* (2006.01)  
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 (74) FB Rice Pty Ltd
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- (71) YETI Coolers, LLC (11) AU-A-2018271891 (21) 2018271891 (22) 23.05.2018  
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2017405782	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2018241229	Wareing, C.
2017407829	Baker Hughes, a GE Company LLC	2018241231	IRP Health Pty Ltd
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2017407981	Baker Hughes, a GE Company LLC	2018241245	IRP Health Pty Ltd
2017407982	Baker Hughes, a GE Company LLC	2018241535	Zymeworks Inc.
2017408055	Montanuniversität Leoben	2018241654	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd
2017408099	ACEA Therapeutics, Inc.; Hangzhou ACEA Pharmaceutical Research Co., Ltd.; Zhejiang ACEA Pharmaceuticals Co., Ltd.	2018241662	Ekontrol Drive (Suzhou) Co., Ltd
2017409192	Technip France	2018241881	Biomunex Pharmaceuticals
2017409499	Creative Biosciences (Guangzhou) Co., Ltd.	2018241952	Caterpillar Global Mining Europe GmbH
2017409798	Berner Fachhochschule	2018242233	Centro Tecnologico de Nanomateriales Avanzados, S.L.
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2017411422	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2018243365	GloFish, LLC
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2017411570	San-Ei Gen F.I., Inc.	2018243512	Baker Hughes, a GE Company LLC
2017412184	Luoyang Landglass Technology Co., Ltd.	2018243647	Shaw Industries Group, Inc.
2017412612	Mastercard Technologies Canada ULC	2018243658	Escape Therapeutics, Inc.
2017413964	VISA International Service Association	2018243718	Chase Therapeutics Corporation
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2017416050	ANT Applied New Technologies AG	2018244078	Caterpillar Inc.
2017417925	FMC Technologies, Inc.	2018244161	Juto, F.; Juto, J.
2017420948	Mitsubishi Electric Corporation	2018244180	AstraZeneca AB
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2017425028	Wright Medical Technology, Inc.	2018244485	Korea Kumho Petrochemical Co., Ltd.
2017426690	Kyungil Tech Co., Ltd	2018245016	Cellutech AB
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2018234941	Hanwha Azdel, Inc.	2018246213	Tesaro, Inc.
2018234998	TriOptoTec GmbH	2018246214	Tesaro, Inc.
2018235374	Telluris Biotech India Private Limited	2018246441	Nippon Steel Nisshin Co., Ltd.
2018235375	Telluris Biotech India Private Limited	2018246858	Aqua Jet Razor LLC
2018236568	CUBICStars, Inc.	2018246879	Petroleum Technology Company AS
2018237066	MGI Tech Co., Ltd.	2018247080	Intelligent Fingerprinting Limited
2018237375	Isopure, Corp.	2018247480	Webb Medical LLC
2018237575	Gen-Probe Incorporated	2018247562	A-Mark Ind Pty Ltd
2018237784	Merck Patent GmbH	2018247760	Dublin City University
2018237908	Nouryon Chemicals International B.V.	2018248022	Technological Resources Pty. Limited
2018238136	Teva Pharmaceuticals International GmbH	2018248023	Technological Resources Pty. Limited
2018238191	ISX IP Ltd	2018248096	Werner Co.
2018238216	Risen (Suzhou) Pharma Tech Co., Ltd.	2018248119	LoftRobe Ltd.
2018238303	Jindal Saw Ltd	2018248190	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
2018238310	Innovative Recycling S.A.	2018248303	The United States of America, as represented by The Secretary, Department of Health and Human Services; GLG Pharma, LLC; MRIGlobal
2018238533	Defrancq, H.	2018248328	Eckman, C.; Wolf, E.; Thattai, S.; Merrill, S.; Morris, J.
2018238540	Sanofi	2018248581	Curovir AB
2018238577	Novalead Pharma Inc.	2018248654	MBDA UK Limited
2018238817	Goodwe Power Supply Technology Co., Ltd	2018248706	Centauri Therapeutics Limited
2018238920	Huawei Technologies Co., Ltd.	2018249260	Momentum Technologies As
2018238991	LG Electronics Inc.	2018249556	Roar Holding, LLC
2018239320	Washington University	2018249558	The Broad Institute, Inc.; Biogen MA Inc.
2018239358	Sharp Kabushiki Kaisha	2018249693	K-Fee System GmbH
2018239457	A Big Chunk of Mud LLC	2018249834	Cao, C.
2018239498	The University Court of the University of Edinburgh; The University Court of the University of Glasgow	2018249948	Korpman, D.
2018239711	Taisho Pharmaceutical Co., Ltd.	2018249950	Enanta Pharmaceuticals, Inc.
2018239824	Media Device Limited	2018250217	Seal Rock Therapeutics, Inc.
2018240113	TekDry International, Inc.	2018250241	Animas Corporation
2018240405	Pierre Fabre Medicament	2018250331	Carnegie Mellon University
2018240463	Gen-Probe Incorporated	2018250553	Arbutus Biopharma Corporation
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2018240521	Stamford Devices Ltd	2018250616	Tate & Lyle Ingredients Americas LLC

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2018250718	Freudenberg Medical, LLC	2018255513	FMC Technologies do Brasil LTDA
2018250802	University of Maryland, College Park	2018255730	Dongtai Hardware Precision (Hong Kong) Limited
2018250821	The Regents of the University of Michigan	2018255843	Maxamcorp Holding, S.L.
2018250884	GloVac International ApS	2018255876	MedImmune Limited
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2018250982	Han, H.	2018255954	Cipla Limited
2018251021	Becton Dickinson Rowa Germany GmbH	2018255987	SharkNinja Operating LLC
2018251119	Jiangsu Hengrui Medicine Co., Ltd.	2018256031	Totani Corporation
2018251150	Cellectis; Albert-Ludwigs-Universität Freiburg	2018256202	Magic Leap, Inc.
2018251605	iBiquity Digital Corporation	2018256247	Korea Institute of Geoscience and Mineral Resources
2018251664	Johannes Lübbingering GmbH	2018256259	Aptabio Therapeutics Inc.
2018251792	TerraPower, LLC	2018256273	Farmote Limited
2018251796	Saudi Arabian Oil Company	2018256285	National University of Singapore; University of Mysore; Bangalore University
2018251801	The Broad Institute, Inc.; Massachusetts Institute of Technology	2018256348	Yale University
2018251808	Kiniksa Pharmaceuticals, Ltd.	2018256357	Cortex Composites, Inc.
2018251872	MGPI Processing, Inc.	2018256358	Dovetail Genomics, LLC
2018251907	Multi Radiance Medical	2018256369	AMO Development, LLC
2018252153	Remon, J.	2018256383	Baxter International Inc.; Baxter Healthcare SA
2018252643	Taizhou EOC Pharma Co., Ltd.	2018256412	Seattle Children's Hospital (dba Seattle Children's Research Institute)
2018252927	Equinor Energy AS	2018256435	aTyr Pharma, Inc.
2018253706	Shandong Dazhan Nano Materials Co., Ltd	2018256436	Board of Regents, The University of Texas System
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2018254179	Kuhn S.A.	2018256833	CIVCO Medical Instruments, Co., Inc.
2018254195	TTI (Macao Commercial Offshore) Limited	2018256840	Millennium Pharmaceuticals, Inc.
2018254424	Sunfolding, Inc.	2018256887	Immusoft Corporation
2018254425	Sunfolding, Inc.	2018256934	Tesaro, Inc.; AnaptysBio, Inc.
2018254429	Neurocrine Biosciences, Inc.	2018257311	Wood One Co., Ltd.
2018254455	Systems Spray-Cooled, Inc.	2018257372	Bayer Aktiengesellschaft
2018254463	ImmunoGen, Inc.	2018257387	Wellmend AS
2018254529	Seattle Children's Hospital (dba Seattle Children's Research Institute)	2018257483	AlgoTherapeutix
2018254564	Elemental Scientific Lasers, LLC	2018257543	Samsung Electronics Co., Ltd.
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2018254713	CommScope Connectivity Belgium BVBA	2018258000	Oxford University Innovation Limited
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2018254793	Diagnostica Stago	2018258024	Mars, Incorporated
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2018255170	Animas Corporation	2018258112	Honeywell International Inc.
2018255191	Eli Lilly and Company	2018258131	Petróleo Brasileiro S.A. - Petrobras
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2018255261	Sunbeam Products, Inc.	2018258242	Raytx, LLC
2018255269	The University of Chicago	2018258251	University of Georgia Research Foundation, Inc.; Glycosensors and Diagnostics, LLC
2018255283	Ohio State Innovation Foundation	2018258268	General Electric Company
2018255296	Sunfolding, Inc.	2018258344	Honeywell International Inc.
2018255300	Tempest Therapeutics, Inc.	2018258375	NewSouth Innovations Pty Ltd
2018255303	Pure Fishing, Inc.	2018258490	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2018255327	Marinus Pharmaceuticals, Inc.	2018258575	Vanderbilt University; The Trustees of the University of Pennsylvania; The Johns Hopkins University
2018255335	Ascent Technologies, Inc.	2018258581	Quartz Therapeutics, Inc.
2018255346	Cedars-Sinai Medical Center; Capricor, Inc.	2018258591	Bonti, Inc.
2018255376	Hyloris Developments SA	2018258679	Magic Leap, Inc.
2018255409	Bonti, Inc.	2018258681	Texas Children's Hospital; Texas Heart Institute
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2018255430	Mesa Biotech, Inc.	2018258983	EuroChem Agro GmbH
2018255485	Auraya Pty Ltd	2018259016	BP Exploration Operating Company Limited
2018255488	CSBP Limited	2018259027	Cancer Research Technology Limited
2018255489	Implicit Bioscience Pty Ltd	2018259039	Glenmark Pharmaceuticals S.A.
2018255494	Legrand Australia Pty Ltd	2018259044	Linde AG
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2018259202	Illumina Cambridge Limited	2018264881	Worthington Torch, LLC
2018259206	Illumina Cambridge Limited	2018265192	GlaxoSmithKline Intellectual Property Development Limited; The University of British Columbia
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2018259536	Luoyang Landglass Technology Co., Ltd.	2018265414	Massachusetts Eye and Ear Infirmary; The Schepens Eye Research Institute, Inc.
2018260084	ETH Zurich; Empa, Eidgenössische Materialprüfungs- und Forschungsanstalt	2018265478	Remynd N.V.; Katholieke Universiteit Leuven
2018260094	Akribes Biomedical GmbH	2018265760	Monash University
2018260096	Akribes Biomedical GmbH	2018265771	Scinogy Products Pty Ltd
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2018260390	Aurigene Discovery Technologies Limited	2018265936	Catalent Corporation
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2018260426	Limestone Coast Brewing Company Pty Ltd	2018266138	EI-Dweik, M.
2018260473	Edge Electrons Limited	2018266199	Incarda Therapeutics, Inc.
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2018260589	Theia Group, Incorporated	2018266879	Board of Regents, The University of Texas System
2018260632	Honeywell International Inc.	2018267076	Anheuser-Busch Inbev S.A.
2018260686	Celgene International II Sarl	2018267244	De La Rue International Limited
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2018261080	Merck Sharp & Dohme Corp.	2018267821	Triastek, Inc.
2018261100	Gomaco Corporation	2018267893	Carl Freudenberg KG
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2018261125	WestRock Packaging Systems, LLC	2018267971	Janssen Vaccines & Prevention B.V.
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2018261153	Wm. Wrigley Jr. Company	2018268208	UPL LTD
2018261154	Bristol-Myers Squibb Company	201826847	YETI Coolers, LLC
2018261328	Magic Leap, Inc.	2018268935	SPAX International GmbH & Co. Kg
2018261332	Illumina, Inc.	2018268973	Megadyne Medical Products, Inc.
2018261367	Spark Thermionics, Inc.	2018268974	Megadyne Medical Products, Inc.
2018261591	Theravance Biopharma R&D IP, LLC	2018268985	International Flora Technologies, Ltd.
2018261600	Syngenta Participations AG	2018269057	The Board of Trustees of the Leland Stanford Junior University; The U.S. Government Represented by the Department of Veterans Affairs; The Board of Trustees of the University of Illinois
2018261720	Agilvax, Inc.		Mayr-Melnhof Karton AG
2018261733	BNSF Railway Company		Roquette Freres
2018261947	Vaccinex, Inc.		Apple Inc.
2018262058	Bayer CropScience Aktiengesellschaft	2018269129	Jiangsu Hengrui Medicine Co., Ltd.
2018262095	Casale SA	2018269147	Roquette Freres
2018262097	Casale SA	2018269159	Apple Inc.
2018262117	Jay-Lor International Inc.	2018269268	KBC Groep NV
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2018262167	Estron A/S	2018269319	Bayer Pharma Aktiengesellschaft
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2018262342	Atlas Copco Airpower, Naamloze Vennootschap	2018269387	Siemens Aktiengesellschaft
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2018262543	Meevo - Trading E Representações, Lda	2018269474	Blacknight Holdings, LLC
2018262548	Oglesby & Butler Research & Development Limited	2018269516	Octapharma AG
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2018262694	Ares Trading S.A.	2018269657	Icomera AB
2018262696	Ares Trading S.A.	2018269669	Avenu Medical, Inc.
2018262815	c-LECTa GmbH; New Matterhorn, LLC	2018269737	Rheonix, Inc.
2018262901	Vascular Graft Solutions Ltd	2018269780	Mixhalo Corp.
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<b>2018274468</b>	Linde Aktiengesellschaft	<b>2018412624</b>	Rheinmetall MAN Military Vehicles Österreich GesmbH
<b>2018275194</b>	Netflix, Inc.	<b>2019236735</b>	NAGAKI SEIKI Co., Ltd.
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<b>2018275482</b>	Shell Internationale Research Maatschappij B.V.		
<b>2018275486</b>	Rijk Zwaan Zaadteelt en Zaadhinkel B.V.		
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<b>2018275598</b>	RAUCH Landmaschinenfabrik GmbH		
<b>2018276025</b>	Intuit Inc.		
<b>2018276026</b>	Intuit Inc.		
<b>2018276190</b>	Novartis AG		
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<b>2018276565</b>	Eisai R&D Management Co., Ltd.		
<b>2018276566</b>	Eisai R&D Management Co., Ltd.		
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<b>2018279116</b>	Creo Medical Limited		
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<b>2018293907</b>	Breville Pty Limited		
<b>2018293968</b>	Toray Industries, Inc.		
<b>2018294308</b>	SICPA HOLDING SA		
<b>2018294519</b>	Ascendis Pharma A/S		
<b>2018295693</b>	Nagaki Seiki Co., Ltd.		
<b>2018298847</b>	Illumina Cambridge Ltd		
<b>2018299499</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.		
<b>2018299500</b>	Guangdong OPPO Mobile Telecommunications Corp., Ltd.		
<b>2018300880</b>	Toray Industries, Inc.		
<b>2018301224</b>	Raytheon Company		
<b>2018301992</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.		
<b>2018301994</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.		
<b>2018302492</b>	Fidia Farmaceutici S.p.A.		
<b>2018304531</b>	Dr. August Wolff GmbH & Co. KG Arzneimittel		
<b>2018310111</b>	Samsung Electronics Co., Ltd.		
<b>2018310985</b>	Alector LLC		
<b>2018317066</b>	Alibaba Group Holding Limited		
<b>2018317964</b>	Northrop Grumman Systems Corporation		
<b>2018341190</b>	LG Electronics Inc.		
<b>2018351881</b>	Illumina Cambridge Limited		
<b>2018359026</b>	Universidad De La Republica		
<b>2018371807</b>	Sino-Telecom Technology Co., Inc		
<b>2018374075</b>	Jiangsu Huayuan Water-Saving Co., Ltd; China University of Mining and Technology		
<b>2018375468</b>	Aptabio Therapeutics Inc.; Samjin Pharmaceutical Co., Ltd.		
<b>2018376026</b>	China University of Mining and Technology; Xuzhou Zhongkuang Backfilling&Mining Technology Co., Ltd		
<b>2018393125</b>	Hangzhou Nanochap Electronics Co., Ltd.		

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2018255488	2018285143	2018254160	2018250718		2018276190
<u>A01C 19 /-</u>	<u>A23J 3 /-</u>	<u>A45D 40 /-</u>		<u>A61H 9 /-</u>	2018276384
2018275598	2018251872	2018254160	2017425028		2018276565
2018278219	2018278219		2018250821	<u>A61J 3 /-</u>	2018276568
<u>A01C 7 /-</u>	<u>A23K 10 /-</u>	<u>A47B 51 /-</u>	2018254714		2018302492
2018275598	2018241231	2018248119	2018256383	2018251021	2018304531
2018241245	2018241245		2018256446	2018264400	2018375468
2018278219	2018278219		2018257642	<u>A61K 31 /-</u>	<u>A61K 33 /-</u>
<u>A01D 89 /-</u>	<u>A23K 20 /-</u>	<u>A47B 61 /-</u>	2018257933		2018253811
2018254179		2018248119	2018257956	2017405244	2018253944
			2018262901	2017408099	2018265209
			2018264626	2017414697	
<u>A01H 1 /-</u>	<u>A23K 50 /-</u>	<u>A47C 4 /-</u>	2018269737	2018237784	<u>A61K 35 /-</u>
2018275486	2018241231	2018271891	2018279077	2018238136	
2018241245	2018241245		2018280144	2018238216	2018242882
<u>A01H 5 /-</u>	2018253811	<u>A47C 7 /-</u>		<u>A61B 18 /-</u>	2018245212
2018261600	2018261600	2018271891	2018254714	2018239711	2018254529
2018265209	2018265209		2018257642	2018241231	2018255346
2018278219	2018278219	<u>A47G 23 /-</u>	2018268973	2018241245	2018256412
<u>A01K 67 /-</u>	<u>A23L 2 /-</u>	2018259167	2018268974	2018243718	2018256887
2018243365	2018261600		2018269737	2018244011	2018265414
<u>A01K 89 /-</u>	<u>A23L 27 /-</u>	<u>A47G 25 /-</u>	2018277276	2018246213	2018269057
2018255303	2018249556	2018279116	2018279116	2018246214	2018270078
				2018248303	
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2018255488	2018268208	2018249592		2018249558	
2018268208	2017411570	2018280144		2018249950	2018240405
				2018250217	
<u>A01N 27 /-</u>	<u>A23L 29 /-</u>	2018255644		2018250554	<u>A61K 38 /-</u>
2018235375	2018250616	2018249693	2018247080	2018251119	
2018265209	2018293907	2018247480	2018254429		2018235374
<u>A01N 29 /-</u>	2018271887	<u>A47J 43 /-</u>		2018254429	2018235375
2018235375		2018255261	2018247480	2018254714	2018243658
		2018255502		2018254884	2018254576
<u>A01N 43 /-</u>	2018242882	<u>A47K 11 /-</u>	2018255300		2018254588
2018245212	2018245212	2018256833	<u>A61B 50 /-</u>	2018255327	2018254616
2018257372	2018249556	2018254655	2018240113	2018255346	2018256435
2018262058	2018252153	<u>A47L 13 /-</u>	2018255376	2018256436	2018256436
2018268208	2018253811	2018240113	2018255421	2018261131	
2018269387	2018254884	2018280144	2018255935	2018261154	
<u>A01N 59 /-</u>	2018271887	2018267893	2018256833	2018255954	2018266879
2018278219	2018278219	<u>A61F 13 /-</u>	2018256259	2018256259	2018269656
		<u>A47L 15 /-</u>	<u>A61B 90 /-</u>	2018256285	2018270412
2018269474	<u>A23P 20 /-</u>	2018247480	2018256459	2018256459	2018270926
	2018238991	2018257956	2018240113	2018257483	2018271887
<u>A01N 63 /-</u>	2018265209	<u>A47L 5 /-</u>	2018280144	2018257769	
2018235374	<u>A24F 47 /-</u>	2018255987	<u>A61F 2 /-</u>	2018258970	<u>A61K 39 /-</u>
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<u>A01P 3 /-</u>	<u>A41D 19 /-</u>	2018255987	2018260096	2018260096	2017414149
2018268208	2018250884	<u>A47L 9 /-</u>	2018247480	2018260390	2018238540
2018269474			2018257956	2018260494	2018239320
			2018282156	2018261591	2018241535
				2018262501	2018241654
				2018264511	2018255489
				2018265192	2018256840
				2018265478	2018256934
				2018266199	2018258575
				2018266566	2018261080
				2018266640	2018261102
				2018269268	2018261720
				2018269328	2018261947
				2018270078	2018267971
					2018269319

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2018254884	2018240113	2018393125	2018255954	2018262501	2018265936
2018255954			2018265192		
2018265192	<b>A61L 27 /-</b>	<b>A61N 5 /-</b>	2018266566	2018253991	<b>B01J 8 /-</b>
<b>A61K 47 /-</b>	2018250331	2018251907	2018266640	<b>A63F 9 /-</b>	2018253706
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2017411570		<b>A61P 1 /-</b>	2018275487	2018253991	<b>B01L 3 /-</b>
2018238136	<b>A61L 31 /-</b>	2018242882	<b>A61P 33 /-</b>	<b>B01D 53 /-</b>	2018240553
2018248706	2018255421	2018256840	2018241231	2018260408	2018247760
2018253944			2018241245	2018265936	2018255430
2018255269	<b>A61M 1 /-</b>	<b>A61P 11 /-</b>	2018276190		<b>B01L 7 /-</b>
2018255327					
2018255876	2018237375	2018261591	<b>A61P 35 /-</b>	<b>B01D 61 /-</b>	2018255430
2018259027	2018250821	2018284247	2017408099	2018256832	
2018260494	2018282156		2017414149	2018302492	<b>B02C 19 /-</b>
2018261154		<b>A61P 13 /-</b>	2018240405	<b>B01D 69 /-</b>	2017421096
2018269319	<b>A61M 11 /-</b>	2018240520	2018240405		
2018270926		2018254884	2018241535		
2018275487	2018240522	2018261131	2018248303	2018256832	<b>B03B 9 /-</b>
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<b>A61K 48 /-</b>	2018255505	<b>A61P 17 /-</b>	2018250554	<b>B01F 1 /-</b>	2017421096
	2018267248		2018252643		
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2018251150			2018255935	<b>B01F 11 /-</b>	2018256247
2018254529	2018240520	<b>A61P 19 /-</b>	2018256285		
2018254576	2018240521	2018254884	2018256934	2018237575	<b>B03D 1 /-</b>
2018256412	2018240522		2018260390	<b>B01F 15 /-</b>	2018237908
2018256887	2018255504	<b>A61P 21 /-</b>	2018260494		
2018258581	2018255505	2018261080	2018261131	2018237375	<b>B04B 5 /-</b>
2018264581	2018267248	2018261154	2018269268	2018237575	
<b>A61K 49 /-</b>	<b>A61M 16 /-</b>	<b>A61P 25 /-</b>	2018270412	2018262117	2018265771
			2018276384	<b>B01F 5 /-</b>	<b>B05B 17 /-</b>
2018258681	2018240521	2018238216	2018284247		
<b>A61K 51 /-</b>	2018240522	2018240527	<b>A61P 37 /-</b>	2018237375	2018240520
	2018267248	2018244011	2018256383		
2018258681	<b>A61M 25 /-</b>	2018245212	2017414149	<b>B01F 7 /-</b>	<b>B08B 9 /-</b>
2018259027	2018250821	2018254429	2018241535		2018257387
2018274184	2018257933	2018254588	2018256412	2018262117	
<b>A61K 8 /-</b>		2018255327			<b>B21F 1 /-</b>
		2018255489	<b>A61P 43 /-</b>	<b>B01F 9 /-</b>	
2018252153	<b>A61M 29 /-</b>	2018258970	2018258970		2018295693
2018255409	2018257933	2018264511	2018239711	2018237575	<b>B23K 3 /-</b>
2018264809		2018265478	2018245212		
2018304531	<b>A61M 31 /-</b>	2018276565	2018264511	<b>B01J 2 /-</b>	2018262548
<b>A61K 9 /-</b>	2018255421	2018276566	2018276565	2018255488	<b>B25B 13 /-</b>
		2018276568	2018276568	2018262095	
2018238136	<b>A61M 35 /-</b>	<b>A61P 27 /-</b>	<b>A61P 9 /-</b>	<b>B01J 21 /-</b>	2018251664
2018253944		2018261591	2018254884		
2018254714	2018254714		2018261131	2018244485	<b>B25B 17 /-</b>
2018254884		<b>A61P 29 /-</b>	2018266199	<b>B01J 23 /-</b>	2018251664
2018255327	<b>A61M 39 /-</b>	2018251119	<b>A61Q 13 /-</b>		
2018255376	2018250718	2018257483	2018244485		
2018255409		2018269328	2018264809	2018260408	<b>B25B 23 /-</b>
2018255421	<b>A61M 5 /-</b>			2018265936	2018251664
2018256259		<b>A61P 3 /-</b>	<b>A61Q 15 /-</b>		
2018257483	2018247480				<b>B25B 7 /-</b>
2018261154	2018250241	2018260686	2018304531	<b>B01J 29 /-</b>	
2018266199	2018255170				
2018269387	2018256383	<b>A61P 31 /-</b>	<b>A61Q 17 /-</b>	2018265936	2018295693
2018273539	2018262696			<b>B01J 35 /-</b>	<b>B25F 1 /-</b>
2018284247	2018272907	2018239711	2018253944		
2018287442	2018280054	2018241231		2018244485	2018262548

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2018269129	2018265760	2018261733	2018254160	2018248119	2018255907
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2018257311	2018242233	2018263586	2018258024	2018266114	2018258983
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2018250802	2017426690	2018244078	2018267076	2018262130	2018258983
<u>B27K 3 /-</u>	<u>B41F 3 /-</u>	<u>B63B 21 /-</u>	<u>B65D 55 /-</u>	<u>B81C 1 /-</u>	<u>C05F 3 /-</u>
2018245016	2017426690	2018258021	2018254160	2018262130	2018258983
<u>B27K 5 /-</u>	<u>B41F 7 /-</u>	<u>B63B 22 /-</u>	<u>B65D 65 /-</u>	<u>B82Y 30 /-</u>	<u>C05G 3 /-</u>
2018245016 2018250802	2017426690 <u>B41J 2 /-</u>	2018250916 2018374075	2018254160 <u>B65D 71 /-</u>	2018262130 2018244212	2018255488 2018255907 2018258983
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2018260084	2018248022	2018248022	2018267076	2018253706	2018237784
<u>B29B 17 /-</u>	<u>B63B 49 /-</u>	<u>B65D 81 /-</u>		<u>C01B 7 /-</u>	<u>C07C 11 /-</u>
2018258375	2018294308	2018257999		2017408055	2018260408
<u>B29C 64 /-</u>	<u>B41M 5 /-</u>				<u>C07C 211 /-</u>
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2018266252	2018295693	2018243647	2018269516	2018244212	2018234998
<u>B29D 11 /-</u>	<u>B60N 2 /-</u>	<u>B64F 1 /-</u>	<u>B65D 90 /-</u>	<u>C03C 27 /-</u>	<u>C07C 245 /-</u>
2018282054	2018412624	2018269516	2018266252	2017412184	2018244180
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2018256031	2018278711	2018275239	2018255507	2018259536	2018234998
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2018259167	2018261733	2018251021	2018255507	2017421096	2018244485
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2018259167	2018260560	2018255507	2018255507	2017421096	2018238216
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2018244180	<u>C07D 519 /-</u>		2018265414		
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2018244180 2018250554	<u>C07D 413 /-</u>	<u>C07F 3 /-</u>	2018256934 2018259039	<u>C08J 3 /-</u>	<u>C09D 5 /-</u>
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2018262058	2018274101	2018258581 2018260494	2018235374 2018235375	<u>C08K 7 /-</u>	<u>C09K 8 /-</u>
<u>C07D 257 /-</u>	<u>C07D 473 /-</u>	2018298847	2018243658 2018270412	2018260541	2018259016
2018262058	2018240527 2018244011	2018249950	<u>C08B 30 /-</u>	<u>C08L 75 /-</u>	<u>C10B 21 /-</u>
<u>C07D 263 /-</u>	<u>C07D 475 /-</u>	<u>C07J 41 /-</u>	2018250616 2018269147	2018260541	2018251792
2018250217	2018237784	2018249950	2018269305	<u>C08L 83 /-</u>	<u>C10B 33 /-</u>
<u>C07D 271 /-</u>	<u>C07D 487 /-</u>	<u>C07K 1 /-</u>	<u>C08B 31 /-</u>	2018270565	2018251792
2018262058	2017408099 2018239711	2018241654	<u>C08B 31 /-</u>	<u>C08L 97 /-</u>	<u>C10B 57 /-</u>
<u>C07D 303 /-</u>	2018248581 2018254429	2018258251	<u>C08B 37 /-</u>	2018245016	2018251792
2018234998	2018254463		2018302492		

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	2018256435			2018255513	
2018260426	2018258251	2018269452	2018256357		2018273320
	2018258591			<u>E21B 34 /-</u>	
<u>C12C 13 /-</u>	2018261600	<u>C25B 3 /-</u>	<u>E02B 3 /-</u>		<u>F16L 17 /-</u>
	2018262815			2017407830	
2018260426	2018266879	2018269452	2018406438	2017407981	2018238303
				2017407982	
<u>C12C 7 /-</u>	<u>C12P 21 /-</u>	<u>C40B 30 /-</u>	<u>E03B 3 /-</u>	2018257387	<u>F16L 37 /-</u>
2018260426	2018236568	2018241535	2018250964	<u>E21B 41 /-</u>	2018238303
<u>C12G 3 /-</u>	2018241535	<u>C40B 40 /-</u>	<u>E04C 5 /-</u>	2017407829	2018255513
2018249556	<u>C12P 7 /-</u>	2018236568	2018256357	2017407830	<u>F16L 41 /-</u>
	2018259202			2017407981	
<u>C12M 1 /-</u>	2018268985		<u>E04D 13 /-</u>	2017407982	2018250964
		<u>D01F 9 /-</u>		2018257387	<u>F16L 55 /-</u>
2018260380	<u>C12Q 1 /-</u>		2018250964	<u>E21B 43 /-</u>	
2018261007	2017409499	2018238310	<u>E04F 15 /-</u>		2018249260
<u>C12N 1 /-</u>	2018241535	2018253706	2018247562	2018252927	<u>F17D 1 /-</u>
	2018251801	<u>D04H 1 /-</u>		2018255513	
2017414149	2018255430				2018252927
2018242882	2018256358	2018238310	<u>E04F 21 /-</u>		<u>F21S 9 /-</u>
2018245212	2018259202				
2018268985	2018259206	<u>D04H 11 /-</u>	2018247562	2017407829	
	2018261007				2018255494
<u>C12N 15 /-</u>	2018261332	2018243647	<u>E04G 21 /-</u>	<u>E21B 7 /-</u>	
	2018269780				<u>F23D 14 /-</u>
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2018235375	2018351881	2018238310	<u>E05C 17 /-</u>		<u>F24S 30 /-</u>
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2018241535	<u>C21B 7 /-</u>	<u>D05B 33 /-</u>	2018241229	2018241952	2018254424
2018250553	2018254455	2018262543	<u>E05F 1 /-</u>	2018409645	
2018251150					<u>F25B 1 /-</u>
2018251801	<u>C22B 15 /-</u>	<u>D05B 35 /-</u>	2018255730	2018376026	
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2018254616	2018237908	2018262543	<u>E06B 11 /-</u>	<u>F01N 3 /-</u>	<u>F25C 5 /-</u>
2018255346	2018248023				
2018256348		<u>D05C 17 /-</u>	2018241229	2018265936	2018258212
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2018256887					<u>F25D 17 /-</u>
2018258016	2017408055		<u>E06B 11 /-</u>		
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2018239320		2018260084	<u>E21B 29 /-</u>	2018254425	<u>F28D 9 /-</u>
2018241535	2018246441			2018255296	
2018256412		<u>D21C 9 /-</u>	2017416050	<u>F16B 25 /-</u>	2018275482
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2018256887	2017411563				
2018260380		<u>E21B 3 /-</u>		2018268935	
2018269057	<u>C23C 28 /-</u>	2018243512		<u>F16F 7 /-</u>	2018259044
2018270078	2017411563	2018260084	<u>E21B 33 /-</u>	2018249260	<u>F28F 27 /-</u>
<u>C12N 9 /-</u>		<u>E01B 29 /-</u>			2018259044
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2018250695	<u>C23C 8 /-</u>	2018278711	2017407830		<u>F42B 3 /-</u>
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2018255843	2018240463 2018247760 2018254793	2018260588 2018274468	2018255335 2018269306	2018271790	2018263292
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2018256273	<u>G01S 17 /-</u>	2018234848 2018234848	2018243946 2018261100	2018256833	2018267076
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2018248022	<u>G01S 7 /-</u>	<u>G05D 27 /-</u>	<u>G06Q 50 /-</u>	<u>G16H 10 /-</u>	<u>H01R 24 /-</u>
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<u>G01C 3 /-</u>	2018251796	2018248654 2018301224	2018269516	2018256830	2018295693 2019236735
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<u>G01F 23 /-</u>	2018256202 2018279285 2018282054	2018259218	2018258242 2018261328 2018270948	2018256830	<u>H02J 3 /-</u> 2018249834 2018258268
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2018240463	2018254720	2018310111	2018251796	2017410328	<u>H02J 50 /-</u>
<u>G01G 19 /-</u>	<u>G02B 15 /-</u>	<u>G06F 17 /-</u>	<u>G07F 11 /-</u>	2017410328	<u>H02J 7 /-</u>
2018248022	2018258089	2018255335	2018251021	<u>H01J 40 /-</u>	
<u>G01L 5 /-</u>	<u>G02B 26 /-</u>	<u>G06F 21 /-</u>	<u>G07F 17 /-</u>	2018261367	<u>H02J 9 /-</u>
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2018266424	2018239457 2018258242 2018261328 2018270948	2018251605 2018257999 2018258344	2018260589 2018263283	<u>H01K 5 /-</u>	2017409798
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2018254564	2018262130 2018270948	2018269159 2018271107 2018310111	2018263283	2018237066 2018317964	2018260473
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<u>G01N 21 /-</u>	<u>G02C 7 /-</u>	2018299500	2018265811	<u>H01L 31 /-</u>	2018254425
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2018263292	<u>G03B 5 /-</u>	2018269516	<u>G09F 3 /-</u>	<u>H01M 12 /-</u>	<u>H04B 7 /-</u>
<u>G01N 29 /-</u>	2018258089	<u>G06Q 20 /-</u>	2018273663	2018273663	2018240552
2018359026	<u>G05B 19 /-</u>	2018238191	<u>G09F 7 /-</u>	<u>H01M 2 /-</u>	2018268004
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*A61B 17/135* (2006.01)  
*A61B 17/132* (2006.01)  
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 (31) 62/029,288 (32) 25.07.14 (33) US 28.01.2016

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 (51) Int. Cl.  
*G11B 33/12* (2006.01)  
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 (51) Int. Cl.  
*A61B 5/0295* (2006.01)  
*A61B 5/053* (2006.01)  
*A61B 5/107* (2006.01)  
 (87) WO2015/077838  
 (31) 2013904603 (32) 28.11.13 (33) AU  
 (43) 04.06.2015  
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 (72) Breen, Paul; Gargiulo, Gaetano  
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 (11) AU-B-2017239605  
 (21) 2017239605 (22) 06.10.2017  
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 (51) Int. Cl.  
*C12N 5/02* (2006.01)  
*A01N 63/00* (2006.01)  
*A61K 48/00* (2006.01)  
 (43) 26.10.2017  
 (44) 07.11.2019  
 (62) 2014224119  
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 (74) Shelston IP Pty Ltd.

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**Xiamen University see Yang Sheng Tang Company, Ltd.**  
 (21) 2016313660

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 (11) AU-B-2016266460  
 (21) 2016266460 (22) 23.05.2016  
 (54) Intelligent growing management method and intelligent growing device  
 (51) Int. Cl.  
*G06Q 10/06* (2012.01)  
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 (43) 01.12.2016  
 (44) 07.11.2019  
 (72) Xu, Jixiang  
 (74) WRAYS PTY LTD

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 (54) Containerized tubular shooting range  
 (51) Int. Cl.  
*F41J 11/00* (2009.01)  
 (87) WO2016/046807  
 (31) 4794/CHE/2014 (32) 27.09.14 (33) IN  
 (43) 31.03.2016  
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 (72) Atluri, Ashok; Midathala, Ravi Kumar  
 (74) Zen Technologies Limited

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 (11) AU-B-2017374056  
 (21) 2017374056 (22) 20.10.2017  
 (54) Intelligent dust mop  
 (51) Int. Cl.  
*A47L 9/00* (2006.01)  
 (31) 2017108855444 (32) 27.09.17 (33) CN  
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 (11) AU-B-2016313660  
 (21) 2016313660 (22) 24.08.2016  
 (54) Polypeptide carrier for presenting target polypeptide and uses thereof  
 (51) Int. Cl.  
*C12N 15/51* (2006.01)  
*A61K 39/29* (2006.01)  
*A61K 39/385* (2006.01)  
*A61P 31/20* (2006.01)  
*C07K 19/00* (2006.01)  
*C12N 7/04* (2006.01)  
*C12N 15/62* (2006.01)  
 (87) WO2017/032303  
 (31) 201510523187.8 (32) 25.08.15 (33) CN  
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 (74) Phillips Ormonde Fitzpatrick

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 (11) AU-B-2017212851  
 (21) 2017212851 (22) 30.01.2017  
 (54) Secure 3D printer and 3D printer management network  
 (51) Int. Cl.  
*H04N 1/44* (2006.01)  
*B33Y 30/00* (2015.01)  
 (87) WO2017/130068  
 (31) 62/288,980 (32) 29.01.16 (33) US  
 (43) 03.08.2017  
 (44) 07.11.2019  
 (72) Muchna, Vaclav; Krajicek, Ondrej; Miklas, David; Vladimir, Coufal  
 (74) Davies Collison Cave Pty Ltd

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2013363989	Google LLC	2015238208	Spago Nanomedical AB
2014200699	Rinstrum Pty Ltd	2015244101	Microsoft Technology Licensing, LLC
2014218621	Sigma Aldrich Co. LLC; Sangamo Therapeutics, Inc.	2015245930	Kingspan Insulation Pty Ltd
2014228186	Hayward Industries, Inc	2015249225	Memorial Sloan-Kettering Cancer Center
2014228343	Gen-Probe Incorporated	2015249498	Kimberly-Clark Worldwide, Inc.
2014229822	The Francis Crick Institute Limited	2015252157	ABUS August Bremicker Söhne KG
2014230530	National University Corporation Nagoya University	2015252859	The Regents of The University of California
2014235464	Pictometry International Corp.	2015252881	Abrado, Inc.
2014236747	The Regents of the University of California	2015253555	Microsoft Technology Licensing, LLC
2014243240	Tetec Tissue Engineering Technologies AG	2015254307	Eisai R&D Management Co., Ltd.
2014248208	Dow AgroSciences LLC; Sangamo Therapeutics, Inc.	2015254979	Franck, J.
2014255617	Actigenomics SA	2015256932	Mytech Co., Ltd.
2014259954	Regulus Therapeutics Inc.	2015259069	Boston Scientific Scimed, Inc.
2014262162	Selecta Biosciences, Inc.	2015261909	Belron International Limited
2014271207	The University of Newcastle	2015262993	Pfizer Inc.
2014272044	The Brigham & Women's Hospital Inc.	2015266764	Translate Bio, Inc.
2014273883	University of Utah Research Foundation	2015267505	Qualcomm Incorporated
2014274692	Western Digital Technologies, Inc.	2015274383	Powers, R.; Gast, D.; Licata, M.
2014277765	inodyn NewMedia GmbH	2015280271	Inova Diagnostics, Inc.
2014278023	GlaxoSmithKline Intellectual Property (No. 2) Limited; The Regents of the University of California	2015280490	Cordis Corporation
2014281515	RepliCel Life Sciences Inc.	2015283172	Tarkett GDL
2014281702	Horizon Orphan LLC; The Regents of the University of California	2015283717	Suez International
2014290438	Mannkind Corporation	2015288012	Roost, Inc.
2014291635	Gittins, B.	2015288077	Becton, Dickinson and Company
2014309522	The a2 Milk Company Limited	2015288140	Dematic Corp.
2014314536	Holy Stone Biotech Co., Ltd.	2015288381	R-Pharm Overseas Inc.
2014315620	Midmore, R.	2015289202	Hauff-Technik GmbH & Co. KG
2014324069	Breville Pty Limited	2015292215	Western Clinical Engineering Ltd.
2014331610	Trustees of the University of Pennsylvania	2015295037	Azotic Technologies Ltd
2014338575	OPKO Biologics Ltd.	2015295819	Santa Barbara Sistemas, S.A.
2014340176	PerkinElmer Health Sciences, Inc.	2015296139	LifeLens Technologies, LLC
2014348371	MikroScan Technologies, Inc.	2015296214	3M Innovative Properties Company; Board of Regents, The University of Texas System
2014349150	Oncocutetics, Inc.	2015297023	Kimberly-Clark Worldwide, Inc.
2014351473	Lungpacer Medical Inc.	2015299431	Merck Patent GmbH
2014352962	Regeneron Pharmaceuticals, Inc.	2015304096	Eddy Current Limited Partnership
2014354581	Western Sydney University	2015306770	Eddy Current Limited Partnership
2014360369	University of Miami	2015308654	Covidien LP
2014368770	Akzo Nobel Chemicals International B.V.	2015308748	Hayward Industries, Inc.
2014369782	Thales	2015309677	Norton (Waterford) Limited
2014373973	Prosomnus Sleep Technologies Inc.	2015311065	Spookfish Innovations Pty Ltd
2014377369	Intuit Inc.	2015312352	Electrolux Appliances Aktiebolag
2014381693	Acceleration Systems, LLC	2015313989	Qualcomm Incorporated
2014381768	Amok Equipment AS	2015318791	Mayborn (UK) Limited
2014385317	EyeWay Vision Ltd.	2015320137	Maier, G.
2014401966	Ecolab USA Inc.	2015320545	North China Pharmaceutical New Drug R&D Co., Ltd.
2014414346	Prysmian S.p.A.	2015323342	Aileron Therapeutics, Inc.
2015200113	Arper S.p.A.	2015324607	Zen Technologies Limited
2015200808	Intuit Inc.	2015326827	U.S.A., As Represented By The Administrator of The National Aeronautics and Space Administration
2015202883	Rohm and Haas Company	2015330073	Ventana Medical Systems, Inc.
2015204379	Pipeline Induction Heat Ltd.	2015330956	Neuroloop GmbH
2015204447	ConXtech, Inc.	2015333140	Spookfish Innovations Pty Ltd
2015204548	Ferno-Washington, Inc.	2015333610	Johnson & Johnson Medical GmbH
2015204609	KannaLife, Inc.	2015339637	Vitae Pharmaceuticals, LLC
2015207716	Kovari, N.	2015340584	Honeywell International Inc.
2015208235	Fresenius Medical Care Deutschland GmbH	2015345387	Sanofi
2015211083	Sanford Health	2015345507	CleanTech Swiss AG
2015218302	Atomic Medical Innovations, Inc.	2015345924	Kovacs, I.
2015222741	Blue Belt Technologies, Inc.	2015349700	Agri-Neo Inc.
2015223084	Achillion Pharmaceuticals, Inc.	2015357314	Think Surgical, Inc.
2015224462	Caterpillar Inc.	2015361241	Société des Produits Nestlé S.A.
2015227509	Seafood Consulting Services Pty Ltd	2015362061	iRobot Corporation
2015229323	The Board of Trustees of the Leland Stanford Junior University	2015366297	Miles, S.
2015229381	University of Florida Research Foundation, Inc.	2015367646	Société des Produits Nestlé S.A.
2015231054	Medline Industries, Inc.	2015370669	Ventana Medical Systems, Inc.
2015237909	Hortus Novus Srl	2015370722	Subsea 7 Limited
			Gripple Limited

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2015371280	Heat and Control Inc.	2016408764	Google LLC
2015371749	Carlsberg Breweries A/S	2016419453	Mitsubishi Electric Corporation
2015382628	Guangxi Wufeng Machinery Co.,Ltd.	2016430233	Bullfrog International, L.C.
2015410654	GOOGLE LLC	2016431138	China University of Mining and Technology
2015418875	Huawei Technologies Co., Ltd.	2017201412	Esco Medical UAB
2015419251	Colgate-Palmolive Company	2017204089	FISHER & PAYKEL HEALTHCARE LIMITED
2016201985	Allen-Vanguard Corporation	2017206009	Medtronic Vascular Inc.
2016202493	Behr Process Corporation	2017206217	W. L. Gore & Associates, Inc.
2016202697	Deere & Company	2017208119	Pfizer Inc.
2016202751	Malter, R.	2017212295	Daikin Industries, Ltd.
2016206998	Southwestern Energy Company	2017212851	Y Soft Corporation
2016208272	OWEN, G.	2017213939	Sumitomo Metal Mining Co., Ltd.
2016209738	Wärtsilä Norway AS	2017216465	Indiana University Research and Technology Corporation
2016210167	Kyoyu Agri Co., Ltd.	2017218122	Qualcomm Incorporated
2016211519	Qualcomm Incorporated	2017218126	Graphic Packaging International, LLC
2016212087	Pieris Pharmaceuticals GmbH	2017218969	ImmunoGen, Inc.
2016214074	Naturex SA	2017221945	Ping An Technology (Shenzhen) Co., Ltd.
2016217954	Thermal Purification Technologies Limited	2017227407	LG Electronics Inc.
2016219265	Qualcomm Incorporated	2017228719	Tasmanian Alkaloids Pty Ltd
2016222692	Covidien LP	2017229967	NIKE Innovate C.V.
2016223409	Thales	2017232120	GRACO CHILDREN'S PRODUCTS INC.
2016225324	S.P.C.M. SA	2017232235	Department of Veterans Affairs; The Board of Trustees of the Leland Stanford Junior University
2016226340	Amgen Inc.	2017233945	Sumitomo Metal Mining Co., Ltd.
2016226408	Qualcomm Incorporated	2017235116	Yamaguchi University
2016226411	Qualcomm Incorporated	2017237089	Interactive Intelligence Group, Inc.
2016226485	Auriga Polymers, Inc.	2017239605	Whitehead Institute for Biomedical Research
2016228135	Professional Components Ltd.	2017239878	Komatsu Ltd.
2016228367	Tokuyama Corporation	2017239948	LG Electronics Inc.
2016232404	Akzo Nobel Chemicals International B.V.	2017248484	LG Electronics Inc.
2016233624	General Electric Company	2017252222	AstraZeneca AB
2016233648	The Jackson Laboratory	2017252595	Kilargo Pty Ltd
2016233747	Qualcomm Incorporated	2017253712	Apple Inc.
2016237099	FUJIFILM Corporation	2017254798	Magic Leap, Inc.
2016242884	Monsanto Technology LLC	2017254898	Swiss Timing Ltd
2016258913	Indigo Agriculture, Inc.	2017257956	Anika Therapeutics, Inc.
2016262083	Ecolab USA Inc.	2017258983	Torqeedo GmbH
2016262494	Impossible Foods Inc.	2017259506	Memjet Technology Limited
2016262624	Expression Pathology, Inc.	2017259930	SEW-EURODRIVE GmbH & Co. KG
2016264693	SeaCurrent Holding B.V.	2017260024	SEW-EURODRIVE GmbH & Co. KG
2016266460	Xu, J.	2017261487	AMARIN PHARMACEUTICALS IRELAND LIMITED
2016267286	AGC Inc.	2017261579	Janssen Pharmaceutica NV
2016280804	Baker Hughes, a GE Company, LLC	2017262676	Nikola Corporation
2016285300	Caterpillar Inc.	2017266207	Knorr-Bremse Systeme für Nutzfahrzeuge GmbH
2016286647	CA Casyo GmbH	2017267291	Cambi Technology AS
2016304596	Display Technologies, LLC	2017268615	Freight Farms
2016309096	Kabushiki Kaisha Toyota Jidoshokki	2017268625	immatics biotechnologies GmbH
2016310501	NantOmics, LLC	2017269576	Bridgestone Americas Tire Operations, LLC
2016311443	AeroVironment, Inc.	2017272322	BISSELL Homecare, Inc.
2016312992	One Pass Implements Inc.	20172729628	Universal Technical Resource Services, Inc.
2016313660	Yang Sheng Tang Company, Ltd.; Xiamen University	2017279685	Hendrickson USA, L.L.C.
2016334774	The Yokohama Rubber Co., Ltd.	2017279718	Google LLC
2016343567	Innova Patent GmbH	2017279800	LU, Y.
2016344041	Massachusetts Institute of Technology; The Children's Medical Center Corporation	2017285829	Huawei Technologies Co., Ltd.
2016344070	Merck Sharp & Dohme Corp.	2017288247	3M Innovative Properties Company
2016344627	Novartis AG	2017290267	Amazon Technologies, Inc.
2016346304	The Johns Hopkins University	2017294218	Shandong Yunqing Environmental Sci-Tech Co., Ltd
2016346798	ExxonMobil Upstream Research Company	2017298457	Steris Inc.
2016348817	Outotec (Finland) Oy	2017299295	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
2016349902	AeroVironment, Inc.	2017300629	Boston Scientific Scimed, Inc.
2016360970	AstraZeneca AB; Cancer Research Technology Limited	2017304471	Melos GmbH
2016362683	Novartis AG	2017305440	Teleflex Medical Incorporated
2016363625	Qbo Coffee GmbH	2017305865	Outotec (Finland) Oy
2016364681	Telefonaktiebolaget LM Ericsson (publ)	2017308024	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2016365316	The Procter & Gamble Company; The Cleveland Clinic Foundation	2017311495	LymphaTech Inc.
2016369344	Inventio AG	2017313619	Gurmit, S.
2016376097	Financial & Risk Organisation Limited	2017321079	PRC-DeSoto International, Inc.
2016378809	Outotec (Finland) Oy	2017321721	Sekisui Chemical Co., Ltd.
2016385262	LG Electronics Inc.	2017332322	Siemens Aktiengesellschaft
2016390302	Komatsu Ltd.	2017339755	Suven Life Sciences Limited
2016403543	Fiberhome Telecommunication Technologies Co., Ltd		

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2017349141	Sumitomo Metal Mining Co., Ltd.
2017360068	Hope Tree International GmbH
2017373672	Cascade Corporation
2017374056	Zhejiang Lera New Energy Power Technology Co., Ltd.; Ningbo Shijia Cleaning Tools Co., Ltd
2017382967	LG Electronics Inc.
2017407364	Rundle Research, LLC
2018200052	Blackhawk Network, Inc.
2018200111	Cantab Biopharmaceuticals Patents Limited
2018200308	Daiichi Sankyo Company, Limited
2018200406	KURARAY KURAFLEX Co., Ltd.
2018200737	Philip Morris Products S.A.
2018200914	Mitsubishi Hitachi Power Systems, Ltd.
2018201082	FMC Corporation
2018201209	Infineum International Limited
2018201630	ESCO Group LLC
2018202056	PGS Geophysical AS
2018202180	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2018202322	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2018202429	Canon Kabushiki Kaisha
2018202443	Canon Kabushiki Kaisha
2018202492	Weber-Stephen Products LLC
2018202805	Rohm and Haas Company
2018203006	Apple Inc.
2018203096	Twentieth Century Fox Film Corporation
2018203257	UTI Limited Partnership; The General Hospital Corporation
2018203821	GE Global Sourcing LLC
2018204041	Sarong Societa' Per Azioni
2018204099	Weatherford/Lamb, Inc.
2018204174	Apple Inc.
2018204204	Depuy Ireland Unlimited Company
2018204252	Landigrad Limited Liability Company; Smirnov, S.
2018204380	LG ELECTRONICS INC.
2018204531	Monsanto Technology LLC
2018204541	Monsanto Technology LLC
2018204576	Monsanto Technology LLC
2018204877	Flow Forward Medical, Inc.
2018206793	DEKA Products Limited Partnership
2018214130	Biosense Webster (Israel) Ltd.
2018219980	Conair Corporation
2018220000	Single Buoy Moorings Inc.
2018222913	Eyewear From Barcelona, S.L.
2018222994	Boston Scientific Neuromodulation Corporation
2018223826	Third Pole, Inc.
2018225566	Kura Oncology, Inc.
2018226410	Smith & Nephew, Inc.
2018226411	HGCI, Inc.
2018227131	Daikin Industries, Ltd.
2018229496	Becton, Dickinson and Company
2018232948	ELECTRANIX CORPORATION; BARTHOLD, L.
2018236882	Tessenderlo Kerley, Inc.
2018241118	JADHAV, A.
2018241141	GENENTECH, INC.
2018247266	Valeritas, Inc.
2018250349	The University of Queensland
2018250535	Solutube International, Inc.
2018256509	Becton Dickinson and Company Limited
2018275541	Dignity Health
2018278960	Oracle International Corporation
2018282443	Sony Corporation
2018282456	Samsung Electronics Co., Ltd.
2018283901	Software Motor Company
2018353938	North China University of Technology
2019200002	Unilever PLC
2019200169	Intact Vascular, Inc.
2019200648	Sandvik Intellectual Property AB
2019200874	Schlage Lock Company LLC
2019201167	Covidien LP
2019246830	Apple Inc.

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<u>A01B 33 /-</u>	2015295037	2014324069	<u>A47L 13 /-</u>	2015280490	<u>A61K 36 /-</u>
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2015382628				2017206009	2015237909
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					2014309522
<u>A01C 1 /-</u>	2016210167	2017311495	<u>A47L 5 /-</u>	2017313619	2014338575
	2018201082	<u>A41F 9 /-</u>	2017227407		2015254307
2015345924	<u>A01N 47 /-</u>			<u>A61G 13 /-</u>	2015280271
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			2017227407	<u>A61G 9 /-</u>	2017268625
2016202697	<u>A01N 53 /-</u>	2017311495	2017374056		<u>A61K 39 /-</u>
			2017382967	2017313619	
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	<u>A01N 63 /-</u>		<u>A61B 17 /-</u>	<u>A61J 1 /-</u>	2015280271
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					2016313660
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	2016258913		2015259069		2018200308
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			2016222692		
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2015370722	2016210167		2019201167	2014272044	
	2018201082	2015200113		2014290438	2015254307
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				2014360369	2017300629
2016202697	2015295037	2015362061	2015306770	2015204609	
2016225324				2015237909	<u>A61K 48 /-</u>
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				2015252859	2015266764
2016258913	2015371280	2016304596	2014385317	2015262993	2017239605
2018226411	<u>A22C 13 /-</u>	<u>A47F 5 /-</u>	<u>A61B 34 /-</u>	2015266764	
				2015288381	
<u>A01G 9 /-</u>	2015283172	2015207716	2015349700	2015296214	<u>A61K 49 /-</u>
		2016304596	2016222692	2015299431	
2017268615	<u>A23B 4 /-</u>	<u>A47F 7 /-</u>	<u>A61B 5 /-</u>	2015333610	2016346304
				2015340584	
<u>A01H 1 /-</u>	2015227509			20162226340	<u>A61K 51 /-</u>
	2016214074	2015207716	2014354581	2016237099	
2014230530		2016304596	2015288077	2016242884	2015238208
2014248208	<u>A23B 9 /-</u>		2015296139	2016344627	2016237099
2017228719		<u>A47G 19 /-</u>	2017300629	2016346304	
			2017311495	2016360970	<u>A61K 8 /-</u>
<u>A01H 17 /-</u>	2015345924	2015313989		2016362683	2014368770
				2016365316	2015419251
2016258913	<u>A23D 7 /-</u>	<u>A47J 19 /-</u>	<u>A61B 7 /-</u>	2017208119	2018200406
				2017252222	
<u>A01H 5 /-</u>	2015366297	2014324069	<u>A61B 90 /-</u>	2017257956	<u>A61K 9 /-</u>
				2017261487	
2014230530	<u>A23D 9 /-</u>	<u>A47J 31 /-</u>		2017261579	2014262162
2017228719	2015366297		2017298457	2017339755	2014271207
		2015357314		2017407364	2014281702
<u>A01K 91 /-</u>	<u>A23G 1 /-</u>	2016363625	<u>A61C 7 /-</u>	2018200308	2014290438
				2018225566	2015231054
2015339637	2015366297	<u>A47J 37 /-</u>	2017288247		2015254307
<u>A01M 23 /-</u>	<u>A23J 1 /-</u>	2018202492	<u>A61F 13 /-</u>	<u>A61K 33 /-</u>	2016346304
					2017339755
2015345507	2014309522	<u>A47J 43 /-</u>	2015218302	2014255617	
			2015231054		<u>A61L 15 /-</u>
<u>A01M 7 /-</u>	<u>A23L 3 /-</u>	2018219980	2017311495	<u>A61K 35 /-</u>	2015231054
2016202697	2016214074	<u>A47L 11 /-</u>	<u>A61F 2 /-</u>	2014281515	<u>A61L 2 /-</u>
				2014331610	
<u>A01N 25 /-</u>	<u>A23N 1 /-</u>	2017272322	2015211083	2017235116	
			2015249498		2015308654
					2017298457

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<u>A61L 24 /-</u>	2015320545 2017407364	2015253555 <b>A63H 27 /-</b>	2016202697 <b>B05B 11 /-</b>	<b>B60C 9 /-</b>	<b>B65D 5 /-</b>
2017206009	<b>A61P 27 /-</b>	2016311443	2019200002	<b>B60G 99 /-</b>	2015318791 2017218126
<u>A61L 27 /-</u>	2015237909	<b>B01D 1 /-</b>	<b>B05B 13 /-</b>	2017279685	<b>B65D 71 /-</b>
2017206009	<b>A61P 29 /-</b>	2016217954	2015204379	<b>B60K 1 /-</b>	2017218126
<u>A61L 9 /-</u>	2014262162 2015333610	2016385262	2016202697	2017262676	<b>B65D 73 /-</b>
2017298457	2016226340	<b>B01D 17 /-</b>	<b>B05B 3 /-</b>	<b>B60K 31 /-</b>	2018200052
<u>A61M 1 /-</u>	<b>A61P 3 /-</b>	2016385262	2016202697	2016233624	<b>B65D 85 /-</b>
2015208235 2017313619	2014309522 2015333610	<b>B01D 24 /-</b>	<b>B08B 3 /-</b>	2018204041	
<u>A61M 15 /-</u>	2017208119	2016430233	2017298457	2017258983	<b>B65G 1 /-</b>
2015308748	<b>A61P 31 /-</b>	<b>B01D 29 /-</b>	<b>B08B 9 /-</b>	<b>B60L 7 /-</b>	2015288140
<u>A61M 16 /-</u>	2016313660 2016344070	2016348817 2016430233	2018202322	2015304096	<b>B66B 5 /-</b>
2015308748 2017204089 2018223826	2018200111	<b>B01D 33 /-</b>	<b>B26B 27 /-</b>	2015304097	2016369344
<u>A61M 25 /-</u>	2014314536 2015238208	2016378809 <b>B01D 35 /-</b>	2015261909	<b>B60N 2 /-</b>	2015204447
2014351473	2015262993	2015288381	2015261909	<b>B61B 12 /-</b>	<b>B66D 1 /-</b>
<u>A61M 29 /-</u>	2015299431	2016385262	<b>B26D 5 /-</b>	2016343567	2016223409
	2015340584	2018204380	2015261909	<b>B61L 15 /-</b>	<b>B66F 17 /-</b>
2015229323	2016237099	<b>B01D 37 /-</b>	<b>B29C 63 /-</b>	2018203821	2017373672
<u>A61M 5 /-</u>	2016346304	2016430233	2017321721	<b>B62D 33 /-</b>	<b>B66F 9 /-</b>
	2016360970	2016430233	2017321721	<b>B62D 33 /-</b>	<b>B66F 9 /-</b>
2018229496 2018247266	2016362683	2016348817	2017321721	2017279685	2017373672
<u>A61N 1 /-</u>	2017235116	<b>B01D 39 /-</b>	<b>B29C 67 /-</b>	2017279685	2017373672
	2017252222	2016348817	2017321721	2017279685	2017373672
	2017268625	2017311495	<b>B63B 17 /-</b>	<b>B82Y 10 /-</b>	
	2018200308	<b>B01D 46 /-</b>	<b>B29D 12 /-</b>	2016228135	2016408764
2014351473 2015330073	2018225566 2018241141	2016348817	2018222913	<b>B63B 21 /-</b>	<b>B82Y 30 /-</b>
<u>A61P 37 /-</u>	<b>A61P 37 /-</b>	<b>B01D 47 /-</b>	2018222913	<b>B63B 21 /-</b>	<b>B82Y 30 /-</b>
2016202751 2018204877	2015333610	<b>B32B 5 /-</b>	2016223409	2017216465	
2018214130 2018222994	2018203257	2017294218	2018200406	2018220000	<b>C01B 17 /-</b>
<u>A61N 7 /-</u>	<b>A61P 43 /-</b>	<b>B01D 5 /-</b>	<b>B33Y 30 /-</b>	<b>B63B 35 /-</b>	2018236882
2018226410	2016237099	2016217954	2017212851	2015207716	
<u>A61P 1 /-</u>	<b>A61P 7 /-</b>	<b>B01D 53 /-</b>	<b>B33Y 40 /-</b>	2018220000	<b>C01B 21 /-</b>
	2018200111	2016346798	<b>B33Y 40 /-</b>	<b>B63B 39 /-</b>	2018223826
2015254307 2016346304	<b>A61Q 19 /-</b>	<b>B01J 8 /-</b>	2018275541	2016228135	<b>C01B 25 /-</b>
<u>A61P 15 /-</u>	2018200406	2016430233	<b>B33Y 70 /-</b>	<b>B63H 20 /-</b>	2017267291
2014271207	<b>A61Q 5 /-</b>	<b>B01L 3 /-</b>	2018275541	2017258983	<b>C02F 1 /-</b>
<u>A61P 17 /-</u>	2014368770	2018250349	<b>B33Y 80 /-</b>	<b>B64C 27 /-</b>	2015308654
2014281515 2016344627	<b>A62C 2 /-</b>	<b>B02C 21 /-</b>	2018275541	2016217954	
	2017252595	2019200648	<b>B41J 2 /-</b>	2016311443	2017267291
2015252859 2017257956	<b>A63C 11 /-</b>	<b>B03D 1 /-</b>	<b>B60C 11 /-</b>	2018204380	
<u>A61P 19 /-</u>	2015207716	2017305865	<b>B64C 39 /-</b>	<b>C02F 103 /-</b>	
	<b>A63F 13 /-</b>	<b>B05B 1 /-</b>	2016334774	2016233624	
			2017269576	2016349902	2016217954
<u>A61P 25 /-</u>				<b>B64D 1 /-</b>	<b>C02F 11 /-</b>
				2016349902	2017267291

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<u>C02F 3 /-</u>	2017407364	<u>C07F 5 /-</u>	<u>C08J 5 /-</u>		2018204576
2015283717	<u>C07D 319 /-</u>	2016237099	2015283172	<u>C09D 185 /-</u>	<u>C12N 5 /-</u>
2017267291				2018202805	
<u>C02F 5 /-</u>	2015266764	<u>C07F 9 /-</u>	<u>C08J 7 /-</u>	<u>C09D 5 /-</u>	2014230530
2018204380	<u>C07D 333 /-</u>	2015202883	2016344041		2014281515
				2016202493	2017235116
<u>C03B 37 /-</u>	2016242884	<u>C07H 13 /-</u>	<u>C08K 3 /-</u>		2017239605
	<u>C07D 401 /-</u>	2015262993	2015283172	<u>C09K 17 /-</u>	<u>C12N 7 /-</u>
2016403543	2015223084	<u>C07H 15 /-</u>	<u>C08K 5 /-</u>	2016225324	2016313660
<u>C03C 17 /-</u>	2015299431	2015262993	2015283172	<u>C09K 5 /-</u>	<u>C12N 9 /-</u>
2016267286	2018201082			2017212295	2014218621
<u>C03C 27 /-</u>	<u>C07D 403 /-</u>	<u>C07H 21 /-</u>	<u>C08L 1 /-</u>	<u>C09K 8 /-</u>	2015371749
	2015223084	2014259954	2014368770		<u>C12Q 1 /-</u>
2016267286	2015299431	2018204531		2016206998	2014228343
<u>C04B 38 /-</u>	2016344627	2018204541	<u>C08L 101 /-</u>	2016262083	2014243240
	2016360970	2018204576	2015297023	<u>C09K 9 /-</u>	2016362683
2016348817	2018201082	<u>C07J 9 /-</u>	<u>C08L 23 /-</u>	2016228367	2018204252
<u>C04B 41 /-</u>	<u>C07D 405 /-</u>	2015252859	2015283172	<u>C10M 139 /-</u>	2018250349
2016202493	2015299431	<u>C07K 14 /-</u>	<u>C08L 31 /-</u>		<u>C12R 1 /-</u>
	2018201082		2018201209		2015295037
<u>C07B 59 /-</u>	<u>C07D 409 /-</u>	2015229381		<u>C10M 141 /-</u>	2016262494
2016237099	2015299431	2015249225	2014414346		
<u>C07C 51 /-</u>	2018201082	2016212087	<u>C08L 33 /-</u>	2018201209	<u>C21B 13 /-</u>
		2016262494			
2016232404	<u>C07D 413 /-</u>	2017261579	2018202805	<u>C10M 155 /-</u>	2017299295
<u>C07C 57 /-</u>	2015299431	<u>C07K 16 /-</u>	<u>C08L 75 /-</u>		<u>C22B 1 /-</u>
	2018201082	2014352962	2018201209		
2014272044	<u>C07D 417 /-</u>	2015280271	2016228367	<u>C10M 161 /-</u>	2017299295
<u>C07D 205 /-</u>	2016344070	2016344070			<u>C22B 23 /-</u>
	2017261579	2018202805	2018201209		
2015204609	2015299431	2018200308	<u>C08L 83 /-</u>		2017349141
	2018201082	2018241141	2015297023	<u>C12C 11 /-</u>	
<u>C07D 207 /-</u>	<u>C07D 471 /-</u>	<u>C07K 19 /-</u>	<u>C09D 1 /-</u>		<u>C22B 3 /-</u>
	2015223084	2016313660	2016202493	<u>C12M 1 /-</u>	2016431138
<u>C07D 233 /-</u>	2015296214				2017213939
	2015333610	<u>C07K 5 /-</u>	<u>C09D 127 /-</u>	2017201412	2017233945
	2016210167		2016202493	2017267291	2017279628
2015288381	2016226340	2015280271			2017349141
2015340584	2016237099			2018236882	
	2017208119	<u>C07K 7 /-</u>	<u>C09D 131 /-</u>		
<u>C07D 253 /-</u>			2015295037		<u>C22B 34 /-</u>
		2014273883	2018202805	2015371749	
2018201082	<u>C07D 491 /-</u>	2015280271	<u>C09D 133 /-</u>		2017279628
	2015288381	2017268625			<u>C22B 5 /-</u>
<u>C07D 255 /-</u>	<u>C07D 493 /-</u>	<u>C08F 2 /-</u>	2016202493	2014236747	2017299295
2016237099	2015262993	2018202805	2018202805		<u>C12N 15 /-</u>
<u>C07D 257 /-</u>	<u>C07D 498 /-</u>	<u>C08G 18 /-</u>	2016202493	2014230530	2016431138
2016237099	2015320137	2016228367	<u>C09D 139 /-</u>	2014236747	2017213939
<u>C07D 271 /-</u>	<u>C07D 515 /-</u>	2017321079		2014248208	2017233945
				2014259954	
2016242884	2017252222	<u>C08G 63 /-</u>	2018202805	2015229381	<u>C25B 1 /-</u>
<u>C07D 277 /-</u>		2016226485	<u>C09D 163 /-</u>	2015371749	
2015340584				2016233648	2017332322
<u>C07D 295 /-</u>	2016237099	<u>C07F 1 /-</u>	2016202493	2016262494	<u>C25B 11 /-</u>
		<u>C08J 3 /-</u>		2016313660	
				2016362683	
				2017235116	
				2018204531	
				2018204541	

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<u>C25B 15 /-</u>	<u>E04B 1 /-</u>	<u>F02M 37 /-</u>	<u>F16L 58 /-</u>	2015309677	<u>G01S 17 /-</u>
2017332322	2015245930 2015254979	2016285300	2015204379	<u>G01C 21 /-</u>	2015330956
<u>C25B 3 /-</u>	<u>E04B 2 /-</u>	<u>F03B 13 /-</u>	<u>F16L 59 /-</u>	2016390302	<u>G01S 3 /-</u>
2017332322	2015254979	2016264693	2015245930 2015370669	<u>G01C 23 /-</u>	2015330956
<u>C25C 1 /-</u>	<u>E04D 13 /-</u>	<u>F03B 17 /-</u>	<u>F16M 13 /-</u>	2015224462	<u>G01V 1 /-</u>
2018353938	2018250535	2016264693	2015370722	<u>G01G 19 /-</u>	2018202056
<u>C25C 7 /-</u>	<u>E04G 21 /-</u>	<u>F03D 5 /-</u>	<u>F17C 13 /-</u>	2014200699 2017373672	<u>G02B 1 /-</u>
2018353938	2015204447	2016264693	2015345387	<u>G01G 21 /-</u>	2016228367
<u>C40B 30 /-</u>	<u>E05B 15 /-</u>	<u>F04B 1 /-</u>	<u>F21S 11 /-</u>	2014200699	<u>G02B 13 /-</u>
2017232235	2015252157	2016309096	2018250535	<u>G01J 3 /-</u>	2014348371
<u>D01F 6 /-</u>	2017239948	<u>F04B 15 /-</u>	<u>F21V 29 /-</u>	2017253712	<u>G02B 21 /-</u>
2015339637	<u>E05B 17 /-</u>	2016280804	2018226411	<u>G01N 1 /-</u>	2014348371
<u>D04H 1 /-</u>	2017239948	<u>F04B 17 /-</u>	<u>F22B 1 /-</u>	2015367646	<u>G02B 27 /-</u>
2018200406	<u>E05B 19 /-</u>	2016280804	2018200914	<u>G01N 11 /-</u>	2014385317 2016208272
<u>D06F 25 /-</u>	2015252157	<u>F04B 47 /-</u>	<u>F22B 37 /-</u>	2017298457	<u>G02B 5 /-</u>
2016385262	<u>E05B 47 /-</u>	2016280804	2018200914	<u>G01N 21 /-</u>	2016228367
<u>D06F 37 /-</u>	2017239948	<u>F16B 2 /-</u>	<u>F24C 15 /-</u>	2015256932 2017253712	<u>G02C 5 /-</u>
2017248484	<u>E05B 63 /-</u>	2015204548	2015311065	<u>G01N 27 /-</u>	2018222913
<u>D06F 39 /-</u>	2017239948	<u>F16B 45 /-</u>	<u>F24C 7 /-</u>	2018250349	<u>G02C 7 /-</u>
2016385262	<u>E05C 19 /-</u>	2015204447	2015311065	2018250349	2016208272
2017248484	2017239948	<u>F16B 7 /-</u>	<u>F24F 1 /-</u>	<u>G01N 33 /-</u>	2016228367
<u>D06F 58 /-</u>	<u>E21B 10 /-</u>	2015370722	2018227131	2014229822 2014243240	<u>G02C 9 /-</u>
2016385262	2015252881	<u>F16C 25 /-</u>	2014278023	2016208272	
<u>D06M 15 /-</u>	<u>E21B 29 /-</u>	2016309096	<u>F24F 11 /-</u>	2015280271	
2018200406	2015252881	<u>F16D 55 /-</u>	2017252595	2015326827	<u>G03B 19 /-</u>
<u>D21C 5 /-</u>	<u>E21B 34 /-</u>	2017266207	2016212087	2016262624	2016208272
2017360068	2018204099	<u>F16D 65 /-</u>	<u>F25B 1 /-</u>	2016286647	<u>G03B 37 /-</u>
<u>D21H 11 /-</u>	<u>E21B 43 /-</u>	2017266207	<u>F25D 11 /-</u>	2017268625	
2017360068	2016280804 2018204099	<u>F16G 11 /-</u>	2016419453	2018241141	2015309677
<u>E01C 13 /-</u>	2015370722	<u>F28F 1 /-</u>	2018227131	2018250349	
2017304471	<u>E21B 7 /-</u>	<u>F16H 7 /-</u>	<u>F25D 11 /-</u>	<u>G01N 35 /-</u>	<u>G03B 41 /-</u>
<u>E02F 3 /-</u>	2015252881	2018200648	2018200914	2016286647	2016208272
2018201630	<u>E21C 41 /-</u>	<u>F16K 5 /-</u>	<u>F28F 1 /-</u>	2018202492	2018202443
<u>E02F 9 /-</u>	2015224462	<u>F16K 15 /-</u>	2015295819	<u>G01R 15 /-</u>	<u>G03G 21 /-</u>
2015224462	<u>F02D 19 /-</u>	2015313989	<u>F41H 7 /-</u>	2015288012 2018202492	2017254898
2017239878	<u>F16K 7 /-</u>	2015295819	2015295819	<u>G01S 13 /-</u>	<u>G05D 1 /-</u>
2018201630	2016285300	2015313989	<u>F41J 11 /-</u>	2015309677	2015224462
<u>E03C 1 /-</u>	<u>F02M 21 /-</u>	<u>F16L 5 /-</u>	2015323342	<u>G01S 15 /-</u>	2015309677
2018202322	2016285300	2015289202	<u>G01C 11 /-</u>	2014369782	2016233624
					2015224462

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<u>G06F 11 /-</u>	2015200808	2016310501	<u>H02K 7 /-</u>	2016201985 2016233747
	2017239878			
	2017308024			
2015200808				
2017237089	<u>G06T 17 /-</u>	2016310501	2015304097 2017382967	<u>H04L 29 /-</u>  2016226408
<u>G06F 13 /-</u>	2018203096	<u>G16B 40 /-</u>	<u>H02M 3 /-</u>	2016226411  2016376097
2014228186				
2014291635	<u>G06T 7 /-</u>	2016310501	2016209738 2018232948	2017237089 2017279718
<u>G06F 15 /-</u>	2018275541	<u>G16B 45 /-</u>	<u>H02M 5 /-</u>	<u>H04N 1 /-</u>
2013363989				
2014235464	<u>G07C 1 /-</u>	2016310501	2018227131	2017212851
2014377369				
2018241118	<u>G07C 9 /-</u>	2018206793	<u>H02M 7 /-</u>	<u>H04N 19 /-</u>
<u>G06F 16 /-</u>	2019200874	<u>G16H 50 /-</u>	<u>H02P 25 /-</u>	2016211519 2016219265 2018282456
2017237089	<u>G08B 23 /-</u>	2018275541	2018283901	<u>H04N 21 /-</u>
<u>G06F 17 /-</u>	2018201630	<u>H01J 37 /-</u>	<u>H02P 6 /-</u>	2016219265
2014315620				
<u>G08B 25 /-</u>	2014340176	<u>H01M 10 /-</u>	2018283901	<u>H04Q 9 /-</u>
<u>G06F 21 /-</u>	2015288012	<u>H01M 17 /-</u>	<u>H03M 13 /-</u>	2015311065
2016376097				
2017221945	<u>G08C 17 /-</u>	2017216465	2018282443	<u>H04W 12 /-</u>
2017290267		2018202180		
2018206793	<u>H01M 2 /-</u>	<u>H04B 1 /-</u>	2015418875	
<u>G06F 3 /-</u>	<u>G08C 25 /-</u>	2017216465	2016201985	2017279718
		2018202180	2016233747	
			2018203006	
2014385317				
2015244101	<u>H01R 13 /-</u>			2015267505
2015253555	<u>G08G 1 /-</u>	2017279800	<u>H04B 7 /-</u>	
2018204174				
2019246830	<u>H01R 24 /-</u>	2015312352	<u>H04W 4 /-</u>	
<u>G06F 9 /-</u>	<u>G08G 5 /-</u>	2018202492	2018203821	2015312352
2017237089	2017279800	<u>H04J 11 /-</u>	2015418875	
2017290267			2019200874	
<u>G06K 19 /-</u>	2018200052	<u>H02H 1 /-</u>	2015267505	<u>H04W 72 /-</u>
2018204252				
<u>G10K 11 /-</u>	2018202492	<u>H04J 14 /-</u>	2017285829	
<u>G06K 9 /-</u>	2018204252	<u>H02H 3 /-</u>	2017254798	<u>H04W 74 /-</u>
2014369782				
2015253555	<u>H04J 3 /-</u>	2018202492	2017285829	
<u>G10L 19 /-</u>	2015312352	<u>H02H 5 /-</u>	2015312352	<u>H04W 88 /-</u>
<u>G06N 3 /-</u>	2018202492	<u>H04J 99 /-</u>	2015418875	
2017218122			2017285829	
2018204252	<u>H02J 50 /-</u>	2018282443		
2018275541				
<u>G06N 99 /-</u>	2017218122	<u>H04L 1 /-</u>	<u>H05B 1 /-</u>	
2015410654				
2016408764	<u>H02J 7 /-</u>	2016209738	2018202492	
2014277765				
2018278960	<u>H02K 1 /-</u>			
<u>G06Q 10 /-</u>				
2018278960				
<u>G11B 33 /-</u>	2018283901	2014381693 2017259930	<u>H05H 1 /-</u>	
2016266460				
2017239878	<u>H02K 49 /-</u>	2017260024	2014340176	
<u>G06Q 30 /-</u>	<u>G11B 7 /-</u>	2015304096	<u>H04L 25 /-</u>	
2015253555		2015304097	2015267505	
<u>G06Q 50 /-</u>	<u>H02K 5 /-</u>		<u>H04L 27 /-</u>	
	<u>G16B 10 /-</u>	2017382967	2015267505	

**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) LG Electronics Inc.  
(11) AU-B-2018100480  
(21) 2018100480            (22) 13.04.2018  
(54) Heat pump type laundry machine  
(51) Int. Cl.  
    *D06F 58/20* ( 2006.01 )  
(45) 07.11.2019  
(62) 2013245520  
(72) AHN, Seungphyo; NOH, Hyunwoo;  
        LEE, Hyuksoo  
(74) Davies Collison Cave Pty Ltd

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(71) Sayfa R&D Pty Ltd  
(11) AU-B-2018102112  
(21) 2018102112            (22) 21.12.2018  
(54) A fall arresting overhead safety rail sys-  
tem  
(51) Int. Cl.  
    *B65G 9/00* ( 2006.01 )  
    *A62B 35/00* ( 2006.01 )  
    *B61B 3/00* ( 2006.01 )  
    *E04G 21/00* ( 2006.01 )  
(45) 07.11.2019  
(72) Voss, Murray; Voss, Barry  
(74) Actuate Patents

Numerical Index

2018100480 LG Electronics Inc.  
2018102112 Sayfa R&D Pty Ltd

**IPC Index**

**A62B 35 /-**

2018102112

**B61B 3 /-**

2018102112

**B65G 9 /-**

2018102112

**D06F 58 /-**

2018100480

**E04G 21 /-**

2018102112

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2017202684 Arch Wood Protection (Aust) Pty Ltd ( Koppers Performance Chemicals Australia Pty Ltd )

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

2013245011	2013258819	2013278070	2013305584	2015373468	2015373950	2015376053	2015377212
2013318095	2013318243	2013323538	2013323586	2015387527	2015394657	2015396809	2015401212
2013326297	2013334659	2013346699	2013371498	2015414070	2015418331	2016200806	2016202127
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2015252129	2015252986	2015253051	2015255203	2017228703	2017229310	2017229445	2017232156
2015255878	2015256016	2015256038	2015257345	2017232159	2017232196	2017235977	2017235979
2015257889	2015258764	2015259293	2015259409	2017236013	2017236605	2017238225	2017238917
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2015289493	2015289868	2015289871	2015293596	2017265033	2017265085	2017267006	2017268536
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2015305863	2015307190	2015308347	2015308722	2017279694	2017279699	2017279759	2017280518
2015312506	2015315687	2015315960	2015316799	2017284103	2017292238	2017295602	2017296604
2015317342	2015318119	2015318855	2015321585	2017297550	2017301079	2017301103	2017338255
2015323821	2015325557	2015329798	2015333206	2017340647	2017342433	2017347558	2017366667
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2015354710	2015358257	2015358928	2015359105	2018201008	2018201054	2018201105	2018201182
2015361938	2015362069	2015369831	2015371082	2018201364	2018201462	2018201471	2018201514
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				2018213981	2018214035	2018214064	2018214132
				2018217202	2018217280	2018220011	2018222940
				2018222963	2018226453	2018229418	2018236875
				2018241104	2018241178	2018244458	2018251811
				2018264016	2018271401	2018279297	2018282309

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

2018287603 2018305786 2018308719 2019200175  
 2019200343 2019200722 2019201276 2019201519  
 2019201598 2019201661 2019201698 2019201749  
 2019201783 2019202242 2019202282

**Innovation Patents**

2015101966 2015101972 2016102426 2017101863  
 2018102143 2018102144 2019100824 2019100882  
 2019100894 2019101069 2019101077 2019101154  
 2019101155 2019101165 2019101166 2019101172  
 2019101173 2019101175 2019101192 2019101205  
 2019101206 2019101207

**Assignments Registered**

2000044897 Miltenyi Biotec GmbH The patent has been assigned to **Miltenyi Biotec B.V. & Co. KG**  
 2001017233 Miltenyi Biotec GmbH The patent has been assigned to **Miltenyi Biotec B.V. & Co. KG**  
 2002240703 SVX Group Pty Limited The patent has been assigned to **Kalenda Pty Ltd**  
 2004266181 Lighthouse One Pty Ltd as trustee of The Lighthouse Unit Trust The patent has been assigned to **Sorterra Pty Ltd**  
 2005202330 Balcke-Durr GmbH The patent has been assigned to **Balcke-Dürr Rothemühle GmbH**  
 2005203455 Claddagh Enterprises Pty Ltd The patent has been assigned to **Turbo Chute Australia Pty Ltd**  
 2008261163 Cobiax Technologies AG The patent has been assigned to **Cobiax Technologies (Asia) Pte Ltd**  
 2008265397 Sunshine Lake Pharma Co., Ltd The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**  
 2008267751 Puriflo Pty Ltd The patent has been assigned to **Gomtech Pty Ltd**  
 2008271354 Friesland Brands B.V. The patent has been assigned to **ALPMA Alpenland Maschinenbau GmbH**  
 2008329544 Wavefront Biometric Technologies Pty Limited The patent has been assigned to **Yukata Investment Marketing Pty Ltd**  
 2009303602 Xi, Ning; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **Calitor Sciences, LLC; North & South Brother Pharmacy Investment Company Limited**  
 2009310267 Sunshine Lake Pharma Co., Ltd The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**  
 2010229147 Sunshine Lake Pharma Co., Ltd; Ning Xi The patent has been assigned to **Calitor Sciences, LLC; North & South Brother Pharmacy Investment Company Limited**  
 2011218269 Alpha Technologies Inc. The patent has been assigned to **Alpha Technologies Services, Inc.**  
 2012207388 Alpha Technologies Inc. The patent has been assigned to **Alpha Technologies Services, Inc.**  
 2012212399 Umedaes Limited; Schenberg, Michael; Berg, John The patent has been assigned to **Teleflex Life Sciences Unlimited Company; Berg, John; Schenberg, Michael**

**Assignments Registered**

2012218100 Alpha Technologies Inc. The patent has been assigned to **Alpha Technologies Services, Inc.**  
 2012223639 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd The patent has been assigned to **Calitor Sciences, LLC; North & South Brother Pharmacy Investment Company Limited**  
 2012286770 Amphora Medical, Inc. The patent has been assigned to **Hologic, Inc.**  
 2012298866 Downhole Technology, LLC The patent has been assigned to **The WellBoss Company, LLC**  
 2012298867 Downhole Technology, LLC The patent has been assigned to **The WellBoss Company, LLC**  
 2012298868 Downhole Technology, LLC The patent has been assigned to **The WellBoss Company, LLC**  
 2012301897 Yeager, Doug The patent has been assigned to **OV Loop Inc.**  
 2013292950 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**  
 2013293161 StubHub, Inc. The patent has been assigned to **eBay Inc.**  
 2013295795 StubHub, Inc. The patent has been assigned to **eBay Inc.**  
 2013296897 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited; Calitor Sciences, LLC**  
 2013299246 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**  
 2013324779 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**  
 2013345107 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited; Calitor Sciences, LLC**  
 2013360029 SBI Global Pty Ltd The patent has been assigned to **HEGS PEGS Company Pty Ltd**  
 2013370512 StubHub, Inc. The patent has been assigned to **eBay Inc.**  
 2014219256 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited; Calitor Sciences, LLC**  
 2014280908 Wavefront Biometric Technologies Pty Limited The patent has been assigned to **Yukata Investment Marketing Pty Ltd**  
 2014308570 Pfleger, Ernst; Pfleger, Christoph The patent has been assigned to **viewpoint Sicherheitsforschung - Blickforschung GmbH**  
 2014321419 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **Calitor Sciences, LLC; North & South Brother Pharmacy Investment Company Limited**  
 2014321420 Sunshine Lake Pharma Co., Ltd.; Calitor Sciences, LLC The patent has been assigned to **Calitor Sciences, LLC; North & South Brother Pharmacy Investment Company Limited**

**Assignments Registered**

2014343371 ZLOTKIN, Amir The patent has been assigned to **Hutchison Biofilm Medical Solutions Limited**

2014352404 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**

2014356119 Buys, Andre The patent has been assigned to **Security Devices International, Inc.**

2014356984 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**

2014356985 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**

2014356986 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**

2014366049 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**

2015100744 Yeager, Doug The patent has been assigned to **OV Loop Inc.**

2015203667 Alpha Technologies Inc. The patent has been assigned to **Alpha Technologies Services, Inc.**

2015218429 Massey University The patent has been assigned to **Société des Produits Nestlé S.A.**

2015235880 Calitor Sciences, LLC; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **Calitor Sciences, LLC; North & South Brother Pharmacy Investment Company Limited**

2015236982 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**

2015286049 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**

2015291522 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**

2015311333 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**

2015409125 Downhole Technology, LLC The patent has been assigned to **The WellBoss Company, LLC**

2016101770 LAI, WEI-XIAN The patent has been assigned to **JP OPTICAL PTE LTD**

2016204503 Downhole Technology, LLC The patent has been assigned to **The WellBoss Company, LLC**

2016204506 Downhole Technology, LLC The patent has been assigned to **The WellBoss Company, LLC**

2016231525 Downhole Technology, LLC The patent has been assigned to **The WellBoss Company, LLC**

2016231528 Downhole Technology, LLC The patent has been assigned to **The WellBoss Company, LLC**

**Assignments Registered**

2016244282 StubHub, Inc. The patent has been assigned to **eBay Inc.**

2016273815 Yichang Shanchengshuidu Cordyceps Co., Ltd.; Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**

2017200458 Sunshine Lake Pharma Co., Ltd. The patent has been assigned to **North & South Brother Pharmacy Investment Company Limited**

2017203640 Downhole Technology, LLC The patent has been assigned to **The WellBoss Company, LLC**

2017203642 Downhole Technology, LLC The patent has been assigned to **The WellBoss Company, LLC**

2017204649 Yeager, Doug The patent has been assigned to **OV Loop Inc.**

2017220404 Venus Capital Corporation The patent has been assigned to **Apple Inc.**

2017332963 Downhole Technology, LLC The patent has been assigned to **The WellBoss Company, LLC**

**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.

2004273573 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 28 Aug 2019

For the goods OZEMPIC semaglutide

Address for service : Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2006224536 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 28 Aug 2019

For the goods OZEMPIC semaglutide

Address for service : Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**Extensions granted**

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

2003218157 **Array Biopharma, Inc; AstraZeneca AB**

The earliest first regulatory approval date provided by the patentee 03 Jan 2019

For the goods MEKTOVI binimetinib

Extension of Term of patent pursuant to Section 77 expires on 13 Mar 2028

2009248923 **ARIAD Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 06 Mar 2019

For the goods ALUNBRIG brigatinib

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Extensions granted**

Extension of Term of patent pursuant to Section 77 expires on 06 Mar 2034

**2009273197 NERVIANO MEDICAL SCIENCES S.r.l.**

The earliest first regulatory approval date provided by the patentee 03 Jan 2019

For the goods BRAFTOVI encorafenib

Extension of Term of patent pursuant to Section 77 expires on 23 Jul 2034

**2010313785 iX Biopharma Ltd**

The earliest first regulatory approval date provided by the patentee 14 Jun 2018

For the goods WAFESIL sildenafil citrate

Extension of Term of patent pursuant to Section 77 expires on 14 Jun 2033

**2013200682 iX Biopharma Ltd**

The earliest first regulatory approval date provided by the patentee 14 Jun 2018

For the goods WAFESIL sildenafil citrate

Extension of Term of patent pursuant to Section 77 expires on 14 Jun 2033

**2013205506 ARIAD Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 06 Mar 2019

For the goods ALUNBRIG brigatinib

Extension of Term of patent pursuant to Section 77 expires on 06 Mar 2034

**Corrigenda**

In Vol 33 , No 24 , Page(s) 3525 under the heading **Applications Accepted - Name Index** Delete all reference to 2017253712.

In Vol 33 , No 31 , Page(s) 4449 under the heading **Amendments - Application for Amendments** Under the name THE ADVANCED TECHNOLOGY GROUP PTY LTD, Innovation Patent No. 2013101518 correct the date of the statements filed to read 14 Jan 2019 and 15 May 2019

In Vol 33 , No 33 , Page(s) 4705 under the heading **Provisional Applications Filed - Name Index** Under the name Commonwealth Scientific and Industrial Research Organisation, Application No. 2019902980, under INID (54) correct the title to read A process for purifying graphitic material

In Vol 33 , No 37 , Page(s) 5254 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Creta Farm Societe Anonyme Industrial and Commercial Creta Farm S.A., Application No. 2017397814, under INID (71) correct the applicant name to Creta Farm Societe Anonyme Industrial and Commercial

In Vol 33 , No 37 , Page(s) 5264 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name National Agriculture and Food Research Organization; SDS Biotech K.K., Application No. 2018218386, under INID (71) remove co-applicant National Agriculture and Food Research Organization

**Corrigenda**

In Vol 33 , No 41 , Page(s) 5808 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Peptron, Inc., Application No. 2018238165, under INID (72) correct the co-inventor to Choi II, Ho

In Vol 33 , No 41 , Page(s) 5823 under the heading **Applications Accepted - Name Index** Under the name BAE SYSTEMS plc, Application No.2014368721, under INID (54) correct the title to read A method of connecting metals having dissimilar thermal expansion rates to one another and a rudder manufactured by that method

In Vol 33 , No 42 , Page(s) 5875 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018102114.

In Vol 33 , No 42 , Page(s) 5953 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name SiteOne Therapeutics, Inc.; The Board of Trustees of the Leland Stanford Junior University, Application No. 2018243463, Under INID (72) add co-inventor Miljanich, George

In Vol 33 , No 42 , Page(s) 5958 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name The United States of America, as represented by the Secretary, Department of Health and, Application No. 2018244371, under INID (71) correct the applicant name to The United States of America, as represented by the Secretary, Department of Health and Human Services

**Specifications Republished**

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

2015396661	<b>Beijing University of Technology</b>
2017210566	<b>Siluria Technologies, Inc.</b>
2017292050	<b>Dairyionics Ltd</b>
2017324387	<b>Der Grüne Punkt - Duales System Deutschland GmbH</b>
2018231771	<b>Secretary, Department of Biotechnology</b>
2019201200	<b>Dropbox, Inc.</b>