



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE -

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

(iv) OPPOSITION -

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

(v) GRANTING -

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 21 February 2019

Official Notice

Patents (Means and Form of Filing Documents) Instrument 2019
Patents (Means and Form of Filing Documents and Evidence) (Opposition and Other Proceedings) Instrument 2019

IP Australia has published two new instruments in the Official Journal of Patents in relation to:

- the means and form of filing documents
 - *Patents (Means and Form of Filing Documents) Instrument 2019*
- the means and form of filing evidence and opposition documents
 - *Patents (Means and Form of Filing Documents and Evidence) (Opposition and Other Proceedings) Instrument 2019*

These instruments commence immediately after the commencement of the *Patents (Means and Form of Filing Documents) Instrument 2019* made on 7 January 2019 and the *Patents (Means and Form of Filing Documents and Evidence) (Opposition or Other Proceedings) Instrument 2019* made on 7 January 2019. The new instruments also repeal the aforementioned instruments made on 7 January 2019.

The updated *Patents (Means and Form of Filing Documents and Evidence) (Opposition and Other Proceedings) Instrument 2019* includes a new section 8, which specifies the form for filing evidence in writing.

Section 5 of the *Patents (Means and Form of Filing Documents) Instrument 2019* and subsection 6(5) of the *Patents (Means and Form of Filing Documents and Evidence) (Opposition and Other Proceedings) Instrument 2019* have also been amended to clarify when each instrument will apply.

These instruments will commence at the same time as the corresponding parts in the IP Amendment Act, which will be on 24 February 2019, unless proclaimed to commence earlier.

Copies of the instruments are included in this notice.



Patents (Means and Form of Filing Documents and Evidence) (Opposition and Other Proceedings) Instrument 2019

I, Frances Roden, Commissioner of Patents, make the following instrument.

Dated 8 February 2019

Frances Roden
Commissioner of Patents

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Part 1—Preliminary

1 Name

This instrument is the *Patents (Means and Form of Filing Documents and Evidence) (Opposition and Other Proceedings) Instrument 2019*.

2 Commencement

This instrument commences immediately after the commencement of the *Patents (Means and Form of Filing Documents and Evidence) (Opposition and Other Proceedings) Instrument 2019* made on 7 January 2019.

3 Authority

This instrument is made under the following provisions of the Act:

- (a) subsection 214A(1), for the purposes of section 214 of the Act; and
- (b) subsection 214B(1); and
- (c) subsection 214C(1).

4 Definitions

In this instrument:

Act means the *Patents Act 1990*.

Objective Connect means the electronic document management system known as Objective Connect.

Note: IP Australia provides access to Objective Connect.

Regulations means the *Patents Regulations 1991*.

Workspace means a common repository where invited parties have access to upload, view and download documents. It is created and managed by IP Australia. Access is only provided to parties that are participating in a specific proceeding. At the completion of the proceeding, the Workspace is closed.

Note: Workspace was previously called Share.

5 Schedules

Each instrument that is specified in a Schedule to this instrument is amended or repealed as set out in the applicable items in the Schedule concerned, and any other item in a Schedule to this instrument has effect according to its terms.

Part 2—Means and form for filing documents and evidence

6 Approved means of filing documents (including evidence in the form of a document)

- (1) A document mentioned in subsection (3), or evidence in the form of a document, that may or must be filed under Chapter 5 of the Regulations, is to be filed with the Patent Office using:
- (a) Objective Connect; or
 - (b) if it is not practicable to file the document or evidence using Objective Connect—a means specified by the Commissioner in writing.

Note: Chapter 5 of the Regulations deals with opposition proceedings in relation to patents.

- (2) A document mentioned in subsection (4), or evidence in the form of a document, that may or must be filed under the Act or the Regulations (other than Chapter 5 of the Regulations), is to be filed with the Patent Office using:
- (a) if the Commissioner has given the person filing the document or evidence notice that a Workspace has been created for the matter in Objective Connect—Objective Connect; or
 - (b) if a notice has not been given under paragraph (a), or a notice has been given but it is not practicable to file the document or evidence using Objective Connect—a means specified by the Commissioner in writing.

- (3) For subsection (1), the documents are the following:
- (a) a statement of grounds and particulars;
 - (b) a document mentioned in a statement of grounds and particulars;
 - (c) a summary of submissions for an oral hearing;
 - (d) a covering letter for a document mentioned in paragraph (a), (b) or (c);
 - (e) a covering letter relating to evidence, where the evidence is filed using Objective Connect.

- (4) For subsection (2), the documents are the following:
- (a) a summary of submissions for an oral hearing;
 - (b) a covering letter for a document mentioned in paragraph (a);
 - (c) a covering letter relating to evidence, where the evidence is filed using Objective Connect.

- (5) Objective Connect is not an approved means for filing a document, or evidence in the form of a document, that is not specified in this section.

Note: The means for filing a document other than a document specified in this section is set out in the *Patents (Means and Forms of Filing Documents) Instrument 2019*.

7 Form for filing documents—electronic filing using Objective Connect

- (1) This section sets out the form in which a document, other than a document that is required to be in an approved form, is to be filed using Objective Connect.

Note: The *Patents (Formalities Requirements for Patent Documents) Determination 2019* sets out requirements for patent documents that apply in addition to the requirements of this section.

- (2) The document is to be in one or more of the following electronic file formats:
- (a) Portable Document Format (PDF) (.pdf);
 - (b) Text (.txt);
 - (c) Word (.doc, .docx);
 - (d) XML (.xml);
 - (e) TIFF (.tif);
 - (f) PNG (.png);
 - (g) JPEG (.jpeg, .jpg);
 - (h) MP3 (.mp3);
 - (i) MPEG (.mpg, .mpeg).
- (3) The document is to be given a title in the following form:
- (a) for a statement of grounds and particulars—"Statement of Grounds and Particulars";
 - (b) for documents mentioned in the statement of grounds and particulars—"SGP mentioned documents";
 - (c) for evidence in support—"Evidence in support" followed by a brief description of the evidence;
 - (d) for evidence in answer—"Evidence in answer" followed by a brief description of the evidence;
 - (e) for evidence in reply—"Evidence in reply" followed by a brief description of the evidence;
 - (f) for produced evidence—"Produced evidence" followed by a brief description of the evidence;
 - (g) for a summary of submissions for a hearing—"Summary of submissions" followed by a description of the party filing the summary;
 - (h) for Exhibits or Attachments to a declaration—"Evidence in" followed by the relevant stage, and then "Exhibits to the xxx declaration" inserting the name of the person;
 - (i) for covering letters—"Covering letter" followed by a brief description of the relevant stage.
- Example 1: For paragraph (c)—"Evidence in support—Jones declaration".
- Example 2: For paragraph (g)—"Summary of submissions—opponent".
- Example 3: For paragraph (h)—"Evidence in support—Exhibits to the Jones declaration".
- Example 4: For paragraph (i)—"Covering letter—Completion of evidence in support", or "Covering letter—Part evidence in support".
- (4) Each electronic file is to contain only one evidence document or other document.
- (5) For the purposes of subsection (4), the following are treated as a single document:
- (a) the documents mentioned in a statement of grounds and particulars;
 - (b) the Exhibits and Attachments to a declaration.

-
- (6) Subject to subsection (8), all documents mentioned in the statement of grounds and particulars are to be contained in a single electronic file, separate to the statement of grounds and particulars, and each document is to be bookmarked separately in the file.
 - (7) Subject to subsection (8), where a document is a declaration that includes Exhibits or Attachments, those Exhibits or Attachments are to be provided in a single electronic file separate to the rest of the declaration. Each Exhibit or Attachment is to be bookmarked separately in the file.
 - (8) If an electronic file exceeds 1 GB in size:
 - (a) it is to be provided in more than one file, with each file not exceeding 1 GB; and
 - (b) the title for each file is to:
 - (i) be in the form mentioned in subsection (3); and
 - (ii) briefly identify which part of the document is contained in the file.

Example 1: "Evidence in answer—Jones declaration Part 1 of 2".

Example 1: "SGP mentioned documents Part 1 of 3".

Note: The form for filing a document other than a document specified in this instrument is set out in the *Patents (Means and Forms of Filing Documents) Instrument 2019*.

8 Form for filing evidence in writing

- (1) This section applies to evidence given in writing to the Commissioner or to the Disciplinary Tribunal for the purposes of the Act or Regulations.
- (2) The evidence must be in the form of a declaration.

Note 1: A declaration must be in the approved form: see regulation 22.13 of the Regulations.

Note 2: Section 7 sets out additional requirements relating to the form of the evidence if it is a document filed using Objective Connect.

9 Form for filing evidence describing physical articles

- (1) This section applies to evidence that describes a physical article where that article cannot be filed in the form specified in section 7 of this instrument.
- (2) The evidence is to be in the form of a declaration that:
 - (a) describes the article; and
 - (b) includes a photograph or video recording of the article as an exhibit to the declaration.

Note 1: A declaration must be in the approved form: see regulation 22.13 of the Regulations.

Note 2: Section 7 sets out additional requirements relating to the form of the evidence if it is a document filed using Objective Connect.

Schedule 1 – Repeals

Patents (Means and Form of Filing Documents and Evidence) (Opposition and Other Proceedings) Instrument 2019 made on 7 January 2019

1 The whole of the instrument

Repeal the instrument

Note: Subsection 33(3) of the *Acts Interpretation Act 1901* has the effect that an instrument made under subsections 214A(1), 214B(1) or 214C(1) of the Act may be revoked.



Patents (Means and Form of Filing Documents) Instrument 2019

I, Frances Roden, Commissioner of Patents, make the following instrument.

Dated 6 February 2019

Frances Roden

Frances Roden
Commissioner of Patents

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Part 1—Preliminary

1 Name

This instrument is the *Patents (Means and Form of Filing Documents) Instrument 2019*.

2 Commencement

This instrument commences immediately after the commencement of the *Patents (Means and Form of Filing Documents) Instrument 2019* made on 7 January 2019.

3 Authority

This instrument is made under the following provisions of the Act:

- (a) subsection 214A(1), for the purposes of section 214 of the Act; and
- (b) subsection 214B(1).

4 Definitions

In this instrument:

Act means the *Patents Act 1990*.

ALS (short for Alternative Lodgement Service) means the backup function accessible from IP Australia's website that can be invoked during outages of the digital lodgement systems.

API system (short for Application Programming Interface system) means any transactional interface, application, mobile application, website or the like that utilises an application programming interface provided by IP Australia.

B2B (short for Business to Business) means the electronic system known as B2B maintained by IP Australia.

digital lodgement systems means any website, mobile application or other similar system provided by IP Australia to lodge transactions.

Note: At the time this instrument commenced, the only digital lodgement system was the website known as eServices.

EFS (short for Emergency Facsimile Service) means the facsimile service that is provided by IP Australia when digital lodgement systems and ALS are unavailable due to planned or unplanned outage.

IP Lodgement Counter means a facility provided by IP Australia for the processing of transactions in person.

Note: At the time this instrument commenced, the IP Lodgement Counter was located at IP Australia, 47 Bowes Street, Phillip, ACT 2606.

Regulations means the *Patents Regulations 1991*.

WIPO means World Intellectual Property Organization.

5 Application of instrument

This instrument does not apply to a document mentioned in section 6 of the *Patents (Means and Form of Filing Documents and Evidence) (Opposition and Other Proceedings) Instrument 2019*.

Note: The *Patents (Means and Form of Filing Documents and Evidence) (Opposition and Other Proceedings) Instrument 2019* determines the means and form for filing documents and evidence for opposition and other proceedings in relation to patents.

6 Schedules

Each instrument that is specified in a Schedule to this instrument is amended or repealed as set out in the applicable items in the Schedule concerned, and any other item in a Schedule to this instrument has effect according to its terms.

Part 2—Means and form for filing documents

7 Approved means of filing documents

- (1) A document is to be filed with the Patent Office using:
- (a) the electronic means mentioned in subsection (2); or
 - (b) the other means mentioned in subsection (3).

Note: The Regulations deal with the filing date for patent applications: see regulations 3.5 to 3.5A of the Regulations. Where documents comprising a patent application are filed partly using electronic means and partly using other means, and the documents are received on different dates, the application of the Regulations may mean that the filing date for the application is the date on which the last document was filed.

- (2) For paragraph (1)(a), the electronic means are:
- (a) digital lodgement systems;
 - (b) an API system;
 - (c) B2B;
 - (d) ALS;
 - (e) EFS, if no other electronic means is available.

Note: For a document (including any attachments) filed with the Patent Office using electronic means, the time of receipt of the document is the time in Canberra, ACT (Australian Eastern Standard/Daylight Time) when the entirety of the document is capable of being retrieved from IP Australia's information system: see section 14A of the *Electronic Transactions Act 1999*. Users should note that the time of receipt may be different to the time in the user's location.

- (3) For paragraph (1)(b), the other means are:
- (a) post;
 - (b) delivery in person to the IP Lodgement Counter.

Note 1: At the time this instrument commenced, the postal address of the Patent Office was PO Box 200, Woden, ACT 2606.

Note 2: Section 29 of the *Acts Interpretation Act 1901* may govern when filing of a document with the Patent Office by post is taken to be effected.

8 Preferred means for filing documents

- (1) The preferred means for filing a document with the Patent Office are:
 - (a) digital lodgement systems; or
 - (b) an API system; or
 - (c) B2B.
- (2) If a person is attempting to file a document with the Patent Office by a means specified in subsection (1), and the person is unable to do so due to maintenance, the preferred means of filing a document is by ALS.

Note: At the time this instrument commenced, the *Alternative Lodgement Service user guide* provided guidance on using ALS, and was available on IP Australia's website at <http://www.ipaustralia.gov.au>.

- (3) For the purposes of subsection (2), if ALS is unavailable due to a planned or unplanned outage, the preferred means of filing a document is by EFS.
- (4) Where subsection (3) applies, the person must also complete and file a Declaration for use of Emergency Fax form.

Note 1: At the time this instrument commenced, the Declaration for use of Emergency Fax form was available on IP Australia's website at <http://www.ipaustralia.gov.au>.

Note 2: Under the Regulations, reduced fees may be payable for filing a document by preferred means: see subsection 227(2A) of the Act.

9 Form for filing documents—filing using electronic means

- (1) This section sets out the form in which a document, other than a document that is required to be in an approved form, is to be filed using electronic means, other than EFS.

Note: The *Patents (Formalities Requirements for Patent Documents) Determination 2019* sets out requirements for patent documents that apply in addition to the requirements of this section.

- (2) The document is to be in one of the following electronic file formats:
 - (a) Portable Document Format (PDF) (.pdf);
 - (b) Text (.txt);
 - (c) Word (.doc, .docx);
 - (d) XML (.xml);
 - (e) TIFF (.tif);
 - (f) PNG (.png);
 - (g) JPEG (.jpeg, .jpg);
 - (h) MP3 (.mp3);
 - (i) MPEG (.mpg, .mpeg).

Note: Approved forms are available on IP Australia's website at <http://www.ipaustralia.gov.au>, or on the relevant digital lodgement system.

- (3) Documents filed in MP3 or MPEG format may be provided to facilitate understanding of the invention, but must not form part of the specification.

10 Form for filing documents—filing using other means

- (1) This section sets out the form in which a document, other than a document that is required to be in an approved form, is to be filed using other means.
- (2) The document is to be filed in one or more of the following formats:
 - (a) hard copy document;
 - (b) electronic file on the following physical media:
 - (i) Compact Disc (CD);
 - (ii) Digital Versatile Disc (DVD).
- (3) If a document is an electronic file on physical media, the physical media must be enclosed in a hard case and accompanied by a transmittal letter on paper. The transmittal letter must list:
 - (a) the operating system compatibility (e.g. Windows, iOS, Linux);
 - (b) the files contained on the physical media including, for each file, the file name, the file size in bytes, and the date of creation.
- (4) Physical media must be labelled with the following information:
 - (a) the name of the sender;
 - (b) the name of the invention;
 - (c) any relevant reference number;
 - (d) creation date of the physical media;
 - (e) the order of media if the document extends over multiple media (e.g. CD 1 of 2);
 - (f) an indication of copy of submission if more than one copy is filed (e.g. Copy 1 or Copy 2).
- (5) Physical media identified for a digital lodgement systems request must be accompanied by the physical media coversheet generated by the digital lodgement system official receipt after submission.

Note: It is the practice of IP Australia not to return physical media.

Schedule 1 – Repeals

Patents (Means and Form of Filing Documents) Instrument 2019 made on 7 January 2019

1 The whole of the instrument

Repeal the instrument

Note: Subsection 33(3) of the *Acts Interpretation Act 1901* has the effect that an instrument made under subsections 214A(1) or 214B(1) of the Act may be revoked.

Proceedings under the Patents Act 1990

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(71) AmPro Innovations Pty Ltd (21) 2019900429 (22) 11.02.2019 (54) A Build Platform for Apparatus the Production of Metal Components by Additive Manufacturing	(71) Aurtra Pty Ltd (21) 2019900349 (22) 05.02.2019 (54) A SENSOR FOR TRANSFORMER CONDITION ASSESSMENT	(71) Bright Minz Pty Ltd (21) 2019900356 (22) 05.02.2019 (54) Recovery of Lithium Hydroxide
(71) ANSA Pty Ltd (21) 2019900358 (22) 05.02.2019 (54) Remotely Actuating System	(71) Aussie Traveller Pty Ltd (21) 2019900334 (22) 04.02.2019 (54) LATCH ASSEMBLY	Capral Limited see Applied Robotics Pty Ltd (21) 2019900330
(71) Applied Robotics Pty Ltd; Capral Limited (21) 2019900330 (22) 04.02.2019 (54) Packaging process and technology	(71) AUSTECH PROJECTS PTY LTD (21) 2019900391 (22) 07.02.2019 (54) The A.P. Loom Harness Wiring System	(71) Children's Medical Research Institute (21) 2019900388 (22) 07.02.2019 (54) Noise reduction in mass spectrometry data
(71) Aristocrat Technologies Australia Pty Limited (21) 2019900375 (22) 06.02.2019 (54) A GAMING SYSTEM	(71) Balcioglu, S. (21) 2019900325 (22) 04.02.2019 (54) Container	(71) Children's Medical Research Institute (21) 2019900389 (22) 07.02.2019 (54) Analytical methods
(71) Aristocrat Technologies Australia Pty Limited (21) 2019900376 (22) 06.02.2019 (54) A GAMING SYSTEM	(71) BELL, J. (21) 2019900416 (22) 10.02.2019 (54) All-in-one complete pre-manufactured truss system, incorporating floor, wall and roof framing connected.	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019900357 (22) 05.02.2019 (54) Brain Activity Monitoring
(71) Aristocrat Technologies Australia Pty Limited (21) 2019900377 (22) 06.02.2019 (54) A GAMING SYSTEM	(71) BEMO PTY LIMITED (21) 2019900368 (22) 06.02.2019 (54) System and Method for Sensing Conveyor Belt Parameters	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019900390 (22) 07.02.2019 (54) Diagnostic imaging for diabetic retinopathy
(71) Aristocrat Technologies Australia Pty Limited (21) 2019900378 (22) 06.02.2019 (54) A GAMING SYSTEM	(71) BFRE PTY LTD (21) 2019900396 (22) 07.02.2019 (54) IMPROVEMENTS IN STRUCTURAL STEEL I BEAM DESIGN	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019900441 (22) 12.02.2019 (54) Wheel Arrangement
	(71) Blueprint Acoustics Pty Ltd (21) 2019900411 (22) 08.02.2019 (54) Vehicle External Sound System	

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(71) Commonwealth Scientific and Industrial Research Organisation (21) 2019900442 (22) 12.02.2019 (54) SITUATIONAL AWARENESS MONITORING		(71) Greirson, K. (21) 2019900381 (22) 07.02.2019 (54) Stabilizer System For Articulated Cranes
(71) Concept Safety Systems (Holdings) Pty Ltd (21) 2019900374 (22) 06.02.2019 (54) SYSTEM AND METHOD FOR CONVERTING A TWO-DIMENSIONAL FLOOR PLAN INTO AN INTERACTABLE THREE-DIMENSIONAL SIMULATION	(71) de St. Amatus, B. see de St. Amatus, A. (21) 2019900332	(71) Halstead, J. (21) 2019900438 (22) 11.02.2019 (54) An administrable curcuminoid solution and method of production thereof
(71) CSR Building Products Limited (21) 2019900370 (22) 06.02.2019 (54) DOUBLE 50MM PANEL PARTY WALL SYSTEM	(71) de St. Amatus, A.; de St. Amatus, B. (21) 2019900332 (22) 04.02.2019 (54) A device and a method for generation, storage and verifiable transfer of digital coins	(71) Harper, E. (21) 2019900404 (22) 08.02.2019 (54) A VISUAL PROGRAMMING TOOL FOR GENERATING CUSTOMISED DIGITAL CONTENT
(71) Curtis, P. (21) 2019900359 (22) 05.02.2019 (54) Pre-determined Tension Device	(71) Donovan Group NZ Ltd (21) 2019900355 (22) 05.02.2019 (54) Method, system and graphical user interface for building design	(71) Helium 3 Biotech Pty Ltd (21) 2019900344 (22) 05.02.2019 (54) A MEMBRANE PROTEIN EXPRESSION AND DISTRIBUTION MODULATING COMPOSITION AND METHOD OF USE THEREOF
(71) Cuschieri, C. (21) 2019900436 (22) 11.02.2019 (54) Improvements in weight balancers	(71) Dutz, E. (21) 2019900371 (22) 06.02.2019 (54) CAM boots and accessories therefor	(71) Helium 3 Biotech Pty Ltd (21) 2019900345 (22) 05.02.2019 (54) AN ANTI-CELL-SENESCENCE COMPOSITION AND METHOD OF USE
(71) Cyber Clinic Pty Ltd (21) 2019900405 (22) 08.02.2019 (54) METHOD FOR PROVIDING AND MANAGING SERVICES	(71) Dyno Nobel Asia Pacific Pty Limited (21) 2019900348 (22) 05.02.2019 (54) Phase-stabilized ammonium nitrate prills	(71) Helium 3 Biotech Pty Ltd (21) 2019900346 (22) 05.02.2019 (54) A GLYCATION REDUCING COMPOSITION AND METHOD OF USE THEREOF
(71) Daniell, J. (21) 2019900397 (22) 07.02.2019 (54) Mudbuds	(71) Elevare Energy IP Pty Ltd (21) 2019900440 (22) 12.02.2019 (54) System and method for managing power in an electrical power distribution network	(71) Helium 3 Biotech Pty Ltd (21) 2019900347 (22) 05.02.2019 (54) AN EPIGENETIC DRIFT ATTENUATING COMPOSITION AND METHOD OF USE THEREOF
(71) Daryaei, M. (21) 2019900409 (22) 08.02.2019 (54) A METHOD AND APPARATUS FOR THERMAL ENERGY CONVERSION OF AN AMBIENT TEMPERATURE HEAT SOURCE TO MECHANICAL ENERGY	(71) Elliott, M. (21) 2019900437 (22) 11.02.2019 (54) A shelving system for postal package sorting	(71) Hella New Zealand Ltd (21) 2019900434 (22) 11.02.2019 (54) VEHICLE JUNCTION BOX
(71) DASH Engineering Pty Ltd (21) 2019900369 (22) 06.02.2019 (54) Dead Shaft Pulley Assembly	(71) EMR 2 ELECTRICAL PTY LTD (21) 2019900418 (22) 11.02.2019 (54) FLYWHEEL POWER SUPPLY MOTOR	(71) Higgins, C. (21) 2019900366 (22) 06.02.2019 (54) Improved computer architecture and software supporting simpler and more secure blockchains together with methods and systems for developing efficient blockchain based business solutions.
(71) DCE Services Pty Ltd (21) 2019900361 (22) 05.02.2019 (54) Pin Handling cage for improving safety and efficiency in the maintenance of very large mining and earthmoving plant such as excavators, loading shovels and wheel loaders.	(71) Glass Expansion Pty. Limited (21) 2019900333 (22) 04.02.2019 (54) Analytic nebuliser	(71) Higgins, C. (21) 2019900403 (22) 08.02.2019 (54) Improved computer architecture and software supporting simpler and more secure blockchains together with methods and systems for developing efficient blockchain based business solutions.
(71) de Geeter, P. (21) 2019900360 (22) 05.02.2019 (54) FASTCAST	(71) Glasson, J. (21) 2019900422 (22) 11.02.2019 (54) Dispensing of a beverage in a portable situation involving a keg holding beverage	
	(71) Gomez, R. (21) 2019900426 (22) 11.02.2019 (54) Cartwheel Hydrogen- Grid Scale Storage for Solar and Wind Energy	
	(71) Gottlieb, A. (21) 2019900351 (22) 05.02.2019 (54) Universal communication platform	

Provisional Applications Filed - Name Index cont'd

(71) Hislop, M.
(21) 2019900352 (22) 05.02.2019
(54) Food Wrap Reusable Cling Wrap. Food Wrap is a high, food grade, silicone sheet (30cm x 40cm x 1mm) that is designed to be used as an environmentally friendly and sustainable replacement for cling wrap. Food Wrap is made from a silicone material that is heat resistant to up to 225 degrees Celsius and may be used in the oven or microwave. Food Wrap can be washed in the dishwasher and reused infinitely.

(71) HitIQ Limited
(21) 2019900364 (22) 06.02.2019
(54) INSTRUMENTED MOUTHGUARD DEVICES AND COMPONENTS CONFIGURED FOR USE IN INSTRUMENTED MOUTHGUARD DEVICES

(71) Hudson Institute of Medical Research
(21) 2019900382 (22) 07.02.2019
(54) A method of treatment and prophylaxis

(71) HUTCHINSON, J.
(21) 2019900407 (22) 08.02.2019
(54) Modular Kiln

(71) Hutchison, R.
(21) 2019900385 (22) 07.02.2019
(54) Self Inflating Post Bag

(71) IDAZ09 PTY LTD
(21) 2019900414 (22) 10.02.2019
(54) Security Council of Australia, IDAZ09 Department, Identity Card

(71) Jamieson Australia Pty. Ltd.
(21) 2019900393 (22) 07.02.2019
(54) PNEUMATIC TANKER

(71) Jones, D.
(21) 2019900415 (22) 10.02.2019
(54) Glow in the dark Guide Posts

(71) Jones, D.
(21) 2019900424 (22) 11.02.2019
(54) Glow in the dark roadside guide posts

(71) KAMBOURIS, A.
(21) 2019900340 (22) 04.02.2019
(54) HYDROGEN-BASED COMPOSITIONS

(71) Khoury-Fakhri, S.
(21) 2019900419 (22) 11.02.2019
(54) System and Method for Identifying Analysing and Managing Risk for Products

(71) Koodaideri Innovation & Technology Pty Ltd
(21) 2019900428 (22) 11.02.2019
(54) Performing An Action

(71) Lake, L.
(21) 2019900408 (22) 08.02.2019
(54) Phase 3 - a high performance rowing oar with design inspired by biomimicry to reduce drag

(71) LJC FINANCIAL SERVICES PTY LTD
(21) 2019900353 (22) 05.02.2019
(54) A method and device for thermal body position recognition for prevention of pressure injuries and falls-related injuries.

Lyons, V. see Lyons, K.
(21) 2019900392

(71) Lyons, K.; Lyons, V.
(21) 2019900392 (22) 07.02.2019
(54) A Waste Disposal Unit

Marcus, S. see Watmough, M.
(21) 2019900430

(71) Marsh, D.
(21) 2019900398 (22) 08.02.2019
(54) An installation tool for flash-cove flooring and methods of utilisation thereof

(71) Martin, T.
(21) 2019900439 (22) 11.02.2019
(54) Thorough Scope

(71) Matrak Industries Pty Ltd
(21) 2019900387 (22) 07.02.2019
(54) SYSTEM AND METHOD FOR AUTOMATED MATERIAL TAKE-OFF

(71) Matthews, N.
(21) 2019900363 (22) 01.02.2019
(54) Marine Craft 12.

(71) Minomic International Ltd.
(21) 2019900406 (22) 08.02.2019
(54) Biomarker combinations for determining aggressive prostate cancer

(71) Monash University
(21) 2019900384 (22) 07.02.2019
(54) Capillary system for blood separation

(71) Mulga Holdings Pty Limited
(21) 2019900423 (22) 11.02.2019
(54) COLLAPSIBLE BOTTLE

(71) Nash, S.
(21) 2019900367 (22) 06.02.2019
(54) FLUID MIXING VALVE

(71) Newcrest Mining Limited
(21) 2019900350 (22) 05.02.2019
(54) PROCESSING ORES CONTAINING PRECIOUS METALS

(71) Newsouth Innovations Pty Limited
(21) 2019900337 (22) 04.02.2019
(54) Treatment Methods

(71) Newsouth Innovations Pty Limited
(21) 2019900339 (22) 04.02.2019
(54) Method of Treatment

(71) NewSouth Innovations Pty Limited
(21) 2019900402 (22) 08.02.2019
(54) A composite and sensing device for point-of-care bioanalysis

(71) Nexdor Systems Pty Ltd
(21) 2019900372 (22) 06.02.2019
(54) FIRE RATED BACKFILL SYSTEM FOR A DOOR FRAME

(71) Nicolle, S.
(21) 2019900399 (22) 08.02.2019
(54) An air-powered coolant system for personal protective clothing

(71) Nova Professional Services Pty Ltd
(21) 2019900386 (22) 07.02.2019
(54) Improvements to operational state determination and modification

(71) OBLANG PTY LTD
(21) 2019900410 (22) 08.02.2019
(54) METHODOLOGY TO CONVERT A WEBPAGE INTO AN ALTERNATE GAMING FORMAT WHICH MATCHES WORDS ON THE WEBPAGE WITH CARTOON CHARACTERS AND ADVERTISEMENTS FROM A SPECIFIC DATABASE

(71) OCEAN LOGIC PTY LTD
(21) 2019900380 (22) 07.02.2019
(54) Architectures for Quantized and Sparse Convolutional Neural Networks Inference

(71) Orbital Australia Pty Ltd
(21) 2019900395 (22) 07.02.2019
(54) Engine Torque Control

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(71) Ovitigalage, S.
(21) 2019900336 (22) 04.02.2019
(54) Uterine manipulator for total laparoscopic hysterectomy

(71) OzGreen Energy Pty Ltd
(21) 2019900331 (22) 04.02.2019
(54) SYSTEM FOR MONITORING WATER QUALITY

(71) Paradigm BioPharmaceuticals Ltd
(21) 2019900326 (22) 04.02.2019
(54) Treatment of pain with polysulfated polysaccharides

(71) Paris, M.
(21) 2019900365 (22) 01.02.2019
(54) PERMANENT MAGNET FLUX RING GENERATOR

(71) phillips, p.
(21) 2019900420 (22) 09.02.2019
(54) INVIRO AR COVER

(71) Precision Alignment Holdings Pty Ltd
(21) 2019900432 (22) 11.02.2019
(54) An inertial measurement unit and method of operation

(71) Redarc Technologies Pty Ltd
(21) 2019900341 (22) 05.02.2019
(54) A DUAL BATTERY SYSTEM

(71) Rombouts, J.
(21) 2019900421 (22) 11.02.2019
(54) random numbers lotto ball game/s

(71) Ryan, P.
(21) 2019900425 (22) 11.02.2019
(54) ADJUSTABLE AGRICULTURAL CLOSING WHEEL

(71) Sandberg, E.
(21) 2019900401 (22) 08.02.2019
(54) A projection image analysing on screen gesture detection system

(71) Santoalla, B.
(21) 2019900379 (22) 06.02.2019
(54) A multi-level marketing system or method for service provider

(71) Scott, N.
(21) 2019900413 (22) 10.02.2019
(54) J Trap Plumbing fitting with two connections to drain waste water from dishwasher, glass washer, washing machine or similar type of machine. Pipe is made of a high grade PVC plastic pressure tested to comply with all

Australian, New Zealand and International Standards for draining waste water under pressure. It is has a threaded end and or a coupling at either end of the plumbing fitting allowing it to be able to existing plumbing systems of various sizes including 50 /40 /25 mm or 2"/1.5"/1" etc. It can be fitted with various size couplings, threaded pipe to fit existing plumbing systems

(71) Seed Terminator Holdings Pty Ltd
(21) 2019900354 (22) 05.02.2019
(54) IMPACT MILL AND METHOD OF IMPROVING NUT OR FRUIT ORCHID HYGIENE

(71) Shriro Australia Pty Limited
(21) 2019900338 (22) 04.02.2019
(54) Fan

(71) Simoes, W.
(21) 2019900362 (22) 06.02.2019
(54) Write, Draw, Trace, Practise & Erase Note pad.

(71) The Heart Research Institute Ltd
(21) 2019900427 (22) 11.02.2019
(54) Plasma Polymer Nanoparticles carrying agents

(71) The University of Melbourne
(21) 2019900329 (22) 04.02.2019
(54) SOIL MOISTURE ESTIMATION

(71) THE UNIVERSITY OF MELBOURNE
(21) 2019900435 (22) 11.02.2019
(54) A Method of forming a diamond coating on a carbon material

(71) The University of Queensland
(21) 2019900400 (22) 08.02.2019
(54) Capture of fluorinated carbon compounds

(71) The University Of Queensland
(21) 2019900328 (22) 04.02.2019
(54) Self-assembling, self-adjuvanting system for delivery of vaccines

(71) The University of Sydney
(21) 2019900342 (22) 05.02.2019
(54) Uterine receptivity

(71) The University of Sydney
(21) 2019900343 (22) 05.02.2019
(54) COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING REPRODUCTIVE DISORDERS

Tipper, G. see Watmough, M.
(21) 2019900430

Van Rooyen, L. see Vucic, P.
(21) 2019900383

(71) Villaescusa, M.
(21) 2019900327 (22) 04.02.2019
(54) A new material

(71) Vucic, P.; Van Rooyen, L.
(21) 2019900383 (22) 07.02.2019
(54) PROTECTIVE DEVICE

(71) Watmough, M.; Marcus, S.; Tipper, G.
(21) 2019900430 (22) 11.02.2019
(54) Multi-axial Movement Controlled Aperture Closing Hinge Mechanism

(71) WHITEHEAD, P.E.
(21) 2019900373 (22) 06.02.2019
(54) Laser distance measurement apparatus

(71) Yeomans, A.
(21) 2019900417 (22) 11.02.2019
(54) HEAT ENERGY STORAGE METHOD AND APPARATUS FOR USE WITH SOLAR ENERGY COLLECTING APPARATUS

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2019900329	The University of Melbourne	2019900396	BFRE PTY LTD
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2019900376	Aristocrat Technologies Australia Pty Limited		
2019900377	Aristocrat Technologies Australia Pty Limited		
2019900378	Aristocrat Technologies Australia Pty Limited		
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2019900382	Hudson Institute of Medical Research		
2019900383	Vucic, P.; Van Rooyen, L.		
2019900384	Monash University		
2019900385	Hutchison, R.		
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2019900389	Children's Medical Research Institute		
2019900390	Commonwealth Scientific and Industrial Research Organisation		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 5 Feb 2019 .

. (*) Title not in Roman characters

. (**) Title not given

(71) AbbVie Inc. (21) 2019200901 (22) 08.02.2019 (54) Primary carboxamides as BTK inhibitors (62) 2014302365	(54) MONOMETHYLFUMARATE PRODRUG COMPOSITIONS (62) 2015381240	(54) Flexible self-capacitance and mutual capacitance touch sensing system architecture (62) 2016215616
(71) Accenture Global Solutions Limited (21) 2019200729 (22) 04.02.2019 (54) UTILIZING A MACHINE LEARNING MODEL AND BLOCKCHAIN TECHNOLOGY TO MANAGE COLLATERAL (31) 201841004279 (32) 05.02.18 (33) IN 16/265,554 01.02.19 US	(71) ALSTOM Transport Technologies (21) 2019200790 (22) 06.02.2019 (54) Method, controller and system for determining the location of a train on a track or of a broken rail of a track (31) 15/899,578 (32) 20.02.18 (33) US	(71) Apple Inc. (21) 2019200872 (22) 08.02.2019 (54) Devices and methods for capturing and interacting with enhanced digital images (62) 2016276030
(71) Adobe Inc. (21) 2019200746 (22) 04.02.2019 (54) METHOD TO GENERATE SUMMARIES TUNED TO TOPICS OF INTEREST OF READERS (31) 15/960,505 (32) 23.04.18 (33) US	(71) AMADEUS S.A.S. (21) 2019200799 (22) 06.02.2019 (54) Auditing system with historic sale deviation database (62) 2017202139	(71) Apple Inc. (21) 2019200896 (22) 08.02.2019 (54) Privatized machine learning using generative adversarial networks (31) 15/892,246 (32) 08.02.18 (33) US
(71) Advanced Cooling Therapy, LLC (21) 2019200850 (22) 07.02.2019 (54) Devices and methods for controlling patient temperature (62) 2017200121	Amarula Pty Ltd see OneSteel Reinforcing Pty Limited (21) 2019200827	(71) Aristocrat Technologies Australia Pty Limited (21) 2019200758 (22) 05.02.2019 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2017206147
(71) Agriculture Victoria Services Pty Ltd (21) 2019200890 (22) 08.02.2019 (54) NOVEL ENDOPHYTES (3) (62) 2016259448	(71) Amgen Research (Munich) GmbH (21) 2019200841 (22) 07.02.2019 (54) Anti-Leukocyte Adhesion For The Mitigation Of Potential Adverse Events Caused By CD3-Specific Binding Domains (62) 2014214020	(71) Aristocrat Technologies Australia Pty Limited (21) 2019200768 (22) 05.02.2019 (54) SYSTEM AND METHOD OF PROVIDING A FEATURE GAME WITH MULTIPLE GAME INSTANCES (31) 16/059,687 (32) 09.08.18 (33) US
(71) Aker BioMarine Antarctic AS (21) 2019200757 (22) 05.02.2019 (54) LIPID EXTRACTION PROCESSES (62) 2016217559	(71) AMO Development, LLC (21) 2019200871 (22) 08.02.2019 (54) Systems and methods for depth detection in laser-assisted ophthalmic procedures (62) 2014228565	(71) Aristocrat Technologies Australia Pty Limited (21) 2019200782 (22) 05.02.2019 (54) AN ELECTRONIC GAMING MACHINE (62) 2017208237
(71) Albany Engineered Composites, Inc. (21) 2019200780 (22) 05.02.2019 (54) Circumferential stiffeners for composite fancases (62) 2017265045	(71) Angel Playing Cards Co., Ltd. (21) 2019200787 (22) 06.02.2019 (54) CARD DISPOSAL SYSTEM FOR TABLE GAME (62) 2018200480	(71) Aristocrat Technologies Australia Pty Limited (21) 2019200783 (22) 05.02.2019 (54) ELECTRONIC GAMING SYSTEM FOR AWARDED MULTIPLE OF WAGER AND METHOD OF USE (62) 2017228712
(71) Albany Engineered Composites, Inc. (21) 2019200781 (22) 05.02.2019 (54) Circumferential stiffeners for composite fancases (62) 2017265045	(71) Ansh Labs LLC (21) 2019200909 (22) 08.02.2019 (54) Antibody Compositions and Immunoassay Methods to Detect Isoforms of Anti-Mullerian Hormone (62) 2013342190	(71) Aristocrat Technologies Australia Pty Limited (21) 2019200806 (22) 06.02.2019 (54) GAMING MACHINE WITH ENHANCED RESPIN FEATURE (31) 15/890,765 (32) 07.02.18 (33) US
(71) Alkermes Pharma Ireland Limited (21) 2019200868 (22) 07.02.2019	(71) Apple Inc. (21) 2019200698 (22) 01.02.2019	

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(71) Aristocrat Technologies Australia Pty Limited (21) 2019200844 (22) 07.02.2019 (54) A GAMING SYSTEM, A METHOD OF GAMING AND A CONTROLLER (62) 2017203174	(71) Biosense Webster (Israel) Ltd. (21) 2019200908 (22) 08.02.2019 (54) Catheter with multifunctional microinjection-molded housing (31) 15/925,521 (32) 19.03.18 (33) US	(71) Ceracell Beekeeping Supplies (NZ) Limited (21) 2019200752 (22) 05.02.2019 (54) A Beehive Frame (31) 739812 (32) 09.02.18 (33) NZ
(71) Aristocrat Technologies Australia Pty Limited (21) 2019200879 (22) 08.02.2019 (54) SYSTEMS AND METHODS OF ELECTRONIC GAMING (62) 2017228702	(71) BIOSENSE WEBSTER (ISRAEL) LTD. (21) 2019200910 (22) 08.02.2019 (54) Positioning cartridge for electrode (31) 15/913,519 (32) 06.03.18 (33) US	(71) CFP, LLC (21) 2019200864 (22) 07.02.2019 (54) POINT AND/OR MONEY BASED GAMING (62) 2017204429
(71) Asahi Kasei Kabushiki Kaisha (21) 2019200816 (22) 06.02.2019 (54) Membrane distillation apparatus and hydrophobic porous membrane (62) 2015288693	(71) Blackhawk Network, Inc. (21) 2019200882 (22) 08.02.2019 (54) System and method of registering stored-value cards into electronic wallets (62) 2013221323	(71) CFP, LLC (21) 2019200867 (22) 07.02.2019 (54) BIOMETRIC ACCESS SENSITIVITY (62) 2017202909
(71) Astex Therapeutics Limited (21) 2019200840 (22) 07.02.2019 (54) Bicyclic heterocycle compounds and their uses in therapy (62) 2014369446	(71) Blazley, W. (21) 2019200779 (22) 05.02.2019 (54) Printed Solar Cladding (31) 2018900358 (32) 06.02.18 (33) AU	(71) Chevron U.S.A. Inc. (21) 2019200845 (22) 07.02.2019 (54) Liquid-phase decomposition of particulate mercury from hydrocarbon streams (31) 15/945,155 (32) 04.04.18 (33) US
(71) AUCKLAND UNISERVICES LIMITED (21) 2019200884 (22) 08.02.2019 (54) Amino acid and peptide conjugates and conjugation process (62) 2014300503	(71) Blue I.V. LLC (21) 2019200796 (22) 06.02.2019 (54) System for Enhanced Sealing of Coupled Medical Fluid Lines and Method (31) 15/673,027 (32) 09.08.17 (33) US 62/455,359 06.02.17 US	(71) Children's Medical Center Corporation; Massachusetts Institute of Technology (21) 2019200810 (22) 06.02.2019 (54) Modified alginates for anti-fibrotic materials and applications (62) 2015295986
(71) Australia and New Zealand Banking Group Limited (21) 2019200919 (22) 08.02.2019 (54) System and method for transaction tracking (31) 2018900397 (32) 08.02.18 (33) AU	(71) Canon Kabushiki Kaisha (21) 2019200837 (22) 07.02.2019 (54) Toner cartridge, toner supply mechanism, and shutter (62) 2019200130	(71) Clarus Technologies Pty Ltd (21) 2019200860 (22) 07.02.2019 (54) Bionic muscle (62) 2014305656
(71) Australian Engineered Solutions Pty Ltd (21) 2019200815 (22) 06.02.2019 (54) Composite Timber Components (62) 2017201396	(71) Canon Kabushiki Kaisha (21) 2019200854 (22) 07.02.2019 (54) A method and system for controlling a camera by predicting future positions of an object	(71) ClearStream Technologies Limited (21) 2019200765 (22) 05.02.2019 (54) Apparatuses and methods for providing radiopaque medical balloons (62) 2014312292
(71) Becton, Dickinson and Company (21) 2019200739 (22) 04.02.2019 (54) Manual Flow Regulation for Blood Collection (62) 2013389303	(71) CareFusion 303, Inc. (21) 2019200750 (22) 05.02.2019 (54) Male luer connector with valve having fluid path and vent path seals (62) 2014249908	(71) Coiled Tubing Specialties, LLC (21) 2019200875 (22) 08.02.2019 (54) Steerable hydraulic jetting nozzle, and guidance system for downhole boring device (62) 2016223214
	Centre National de la Recherche Scientifique see GlaxoSmithKline Intellectual Property Development Limited (21) 2019200751	(71) Coiled Tubing Specialties, LLC (21) 2019200877 (22) 08.02.2019 (54) Steerable hydraulic jetting nozzle, and guidance system for downhole boring device (62) 2016223214

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(21) 2019200891 (22) 08.02.2019
(54) A distribution system
(62) 2016204911

(71) Colgate-Palmolive Company
(21) 2019200755 (22) 05.02.2019
(54) Oral care compositions
(62) 2017281239

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(54) Oral care compositions and methods of use
(62) 2017281776

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(21) 2019200762 (22) 05.02.2019
(54) Oral care compositions
(62) 2017281341

(71) Cregan, S.A.
(21) 2019200863 (22) 07.02.2019
(54) An External Pest Control System for Rooves and other Structures
(31) 2018900376 (32) 07.02.18 (33) AU

(71) CRISI Medical Systems, Inc.
(21) 2019200769 (22) 05.02.2019
(54) Flow sensor system with absorber
(62) 2016316755

(71) Critical Care Diagnostics, Inc.
(21) 2019200747 (22) 05.02.2019
(54) Soluble human ST-2 antibodies and assays
(62) 2016269576

(71) Daon Holdings Limited
(21) 2019200754 (22) 05.02.2019
(54) Methods and Systems for Capturing Biometric Data
(62) 2017202906

(71) DEKA Products Limited Partnership
(21) 2019200885 (22) 08.02.2019
(54) Infusion pump assembly
(62) 2016277693

(71) Dezinal Pty Ltd
(21) 2019200773 (22) 05.02.2019
(54) Sunblade bracket
(31) 2018900576 (32) 23.02.18 (33) AU

(71) DSM IP Assets B.V.
(21) 2019200851 (22) 07.02.2019
(54) METHOD FOR PRODUCING TEXTILE PRODUCTS, PRODUCTS OBTAINABLE THEREFROM AND METHOD TO RECLAIM THE PRODUCTS
(62) 2014280263

Duke University see Macrogenics, Inc.
(21) 2019200912

(71) DuPont Nutrition Biosciences ApS
(21) 2019200846 (22) 07.02.2019
(54) IMMUNOMODULATORY COMPOSITION COMPRISING BIFIDOBACTERIA
(62) 2016212100

(71) Early Minute Pty Ltd
(21) 2019200831 (22) 07.02.2019
(54) A dental suction pump assembly
(31) 2018900369 (32) 07.02.18 (33) AU
(62) PCT/AU2017/050583

(71) Ecolab USA Inc.
(21) 2019200900 (22) 08.02.2019
(54) Method of using a soil release polymer
(62) 2016343677

(71) Efficient Lighting Systems Pty. Ltd.
(21) 2019200784 (22) 05.02.2019
(54) LIGHTING ASSEMBLY

(71) Equinix, Inc.
(21) 2019200821 (22) 07.02.2019
(54) Interconnection platform for real-time configuration and management of a cloud-based services exchange
(62) 2018236712

(71) Evogene Ltd.
(21) 2019200805 (22) 06.02.2019
(54) Isolated polynucleotides and polypeptides, and methods of using same for increasing plant yield and/or agricultural characteristics
(62) 2013269156

(71) Evolution Well Services, LLC
(21) 2019200899 (22) 08.02.2019
(54) Mobile electric power generation for hydraulic fracturing of subsurface geological formations
(62) 2015364678

(71) Eximis Surgical, LLC
(21) 2019200839 (22) 07.02.2019
(54) Large volume tissue reduction and removal system and method
(62) 2015292768

(71) Facebook, Inc.
(21) 2019200811 (22) 06.02.2019
(54) Sponsored advertisement ranking and pricing in a social networking system
(62) 2013290273

(71) Fermentalg
(21) 2019200857 (22) 07.02.2019
(54) Method for culturing microalgae of the Aurantiochytrium genus in a culture medium without chloride and without sodium, for the production of DHA
(62) 2015242493

(71) Five Prime Therapeutics, Inc.
(21) 2019200691 (22) 01.02.2019
(54) Antibodies that bind CSF1R
(62) 2016262662

(71) Flexopack S.A.
(21) 2019200734 (22) 04.02.2019
(54) OVENABLE THERMOFORMING FILM
(31) EP18155097.1 (32) 05.02.18 (33) EP

(71) FP CANMECHANICA INC.
(21) 2019200761 (22) 05.02.2019
(54) DUAL SCREEN ASSEMBLY FOR VIBRATING SCREENING MACHINE
(62) 2014311218

(71) FRESH IDEA GLOBAL LIMITED; SOLUTION CHAMPION LIMITED; LT GAME LIMITED
(21) 2019200743 (22) 04.02.2019
(54) Electronic Gaming Device
(62) 2013252345, 2016256843

(71) GAMBRO LUNDIA AB
(21) 2019200791 (22) 06.02.2019
(54) Apparatus for extracorporeal treatment of blood and process of calculating set flow rates in a medical apparatus for delivery or collection of fluids
(62) 2016231508

(71) Genomatica, Inc.
(21) 2019200878 (22) 08.02.2019
(54) Process and systems for obtaining 1,4-butanediol from fermentation broths
(62) 2014239256

(71) GlaxoSmithKline Intellectual Property Development Limited; INSERM (Institut National de la Sante et de la Recherche Medicale); Institut Jean Paoli & Irene Calmettes; Universite d'Aix-Marseille; Centre National de la Recherche Scientifique
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(54) Agonistic ICOS binding proteins
(62) 2016210867

(71) Guinea, J.
(21) 2019200870 (22) 08.02.2019
(54) FISH HANDLING STAND
(31) 2018900402 (32) 08.02.18 (33) AU

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(21) 2019200771 (22) 05.02.2019
(54) Methods and apparatuses for haptic systems
(62) 2015338882

(71) Harvey, L.
(21) 2019200822 (22) 07.02.2019
(54) Solar Thermal Aqueduct and Reservoir System. Capable of purifying sea water with solar thermal energy, transporting it long distances inland, and redirected saline waste with the help of additional branched network of solar troughs and aqueduct pipelines to retain maximum efficiency

(71) HERIOT EYECARE PTY. LTD.
(21) 2019200894 (22) 08.02.2019
(54) METHOD AND DEVICE FOR TREATING RETINAL DETACHMENT
(61) 2014207245

(71) IMAGINEERED PTY LTD
(21) 2019200776 (22) 05.02.2019
(54) A covering device
(31) 2018901468 (32) 02.05.18 (33) AU

(71) Implantica Patent Ltd
(21) 2019200892 (22) 08.02.2019
(54) Apparatus for controlling flow in a bodily organ
(62) 2017203688

(71) Impossible Foods Inc.
(21) 2019200777 (22) 05.02.2019
(54) Ground meat replicas
(62) 2015240911

(71) Imprenditore Pty Limited
(21) 2019200843 (22) 07.02.2019
(54) Monitoring Apparatus and System
(62) 2017201525

(71) Ingevity South Carolina, LLC
(21) 2019200852 (22) 07.02.2019
(54) DEPRESSANTS FOR USE IN SEPARATION PROCESSES
(62) 2014346696

(71) Inguran, LLC
(21) 2019200730 (22) 04.02.2019
(54) COMPOSITIONS AND METHODS FOR IMPROVING THE QUALITY OF PROCESSED SPERM
(62) 2017239522

(71) Innovfusion Pte Ltd
(21) 2019200809 (22) 06.02.2019
(54) SYRINGE PUMP AND DRIVE HEAD ASSEMBLY THEREFOR
(62) 2017204147

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(21) 2019200751

(71) Inspirin Delivery Technologies, LLC
(21) 2019200895 (22) 08.02.2019
(54) Abuse resistant drugs, method of use and method of making
(62) 2017200414

Institut Jean Paoli & Irene Calmettes see GlaxoSmithKline Intellectual Property Development Limited
(21) 2019200751

(71) Intercontinental Great Brands LLC
(21) 2019200812 (22) 06.02.2019
(54) Food package having a reclosable opening feature and method of opening, removing a food product and reclosing a reclosable food package
(62) 2016367129

(71) Ionis Pharmaceuticals, Inc.
(21) 2019200820 (22) 07.02.2019
(54) COMPOSITIONS AND METHODS FOR MODULATING APOLIPOPROTEIN C-III EXPRESSION
(62) 2017200365

(71) Janssen Pharmaceutica NV
(21) 2019200726 (22) 04.02.2019
(54) Methylene linked quinolinyl modulators of ROR-gamma-T
(62) 2013403335

(71) Janssen Sciences Ireland UC
(21) 2019200813 (22) 06.02.2019
(54) Combinations of a pyrimidine containing NNRTI with RT inhibitors
(62) 2016210733

(71) Jenkins III, A.L.
(21) 2019200866 (22) 07.02.2019
(54) Coupling Device and Smart Fabric System
(62) 2016259301

(71) Joy Global Underground Mining LLC
(21) 2019200834 (22) 07.02.2019
(54) Roof support monitoring for longwall system
(62) 2015218547

(71) JVC Kenwood Corporation
(21) 2019200733 (22) 04.02.2019

(54) PICTURE DECODING DEVICE, PICTURE DECODING METHOD, AND PICTURE DECODING PROGRAM
(62) 2017245338

(71) K2M, Inc.
(21) 2019200888 (22) 08.02.2019
(54) SEMI-CONSTRAINED ANCHORING SYSTEM FOR CORRECTING A SPINAL DEFORMITY
(62) 2018201144

(71) KAP Medical
(21) 2019200856 (22) 07.02.2019
(54) Bidirectional fluid flow valve and method
(62) 2014228191

(71) Kerr Engineering (WA) Pty Ltd
(21) 2019200745 (22) 04.02.2019
(54) Dump truck body, dump truck components, dump truck body support structure
(62) 2017203089

(71) KGK Science Inc.
(21) 2019200853 (22) 07.02.2019
(54) Method of skin whitening by use of canola extracts
(62) 2014210919

(71) KGK Science Inc.
(21) 2019200898 (22) 08.02.2019
(54) Compositions comprising at least one polymethoxyflavone, flavonoid, liminoid, and/or tocotrienol useful in combination therapies for treating diabetes
(62) 2014282942

(71) L.B. Foster Rail Technologies, Inc.
(21) 2019200818 (22) 06.02.2019
(54) Dual Gauge Trackside System
(31) 102019001071-1 (32) 18.01.19 (33) BR

(71) Laila Nutraceuticals
(21) 2019200802 (22) 06.02.2019
(54) Synergistic dietary supplement compositions for enhancing physical performance
(62) 2014204233

(71) LG Electronics Inc.
(21) 2019200880 (22) 08.02.2019
(54) Dishwasher
(31) 10-2018-0015782 (32) 08.02.18 (33) KR

(71) LG Electronics Inc.
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(54) Dishwasher
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(54) Dishwasher
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LT GAME LIMITED see FRESH IDEA GLOBAL LIMITED
(21) 2019200743

(71) MacDon Industries Ltd.
(21) 2019200889 (22) 08.02.2019
(54) HEADER WITH FLEXIBLE CROP CUTTING KNIFE
(31) 16/214,335 (32) 10.12.18 (33) US
(62) PCT/CA2017/051378, PCT/CA2017/051380, PCT/CA2017/051381

(71) Macrogenics, Inc.; Duke University
(21) 2019200912 (22) 08.02.2019
(54) Bispecific molecules that are immunoreactive with immune effector cells that express an activating receptor
(62) 2014244286

Massachusetts Institute of Technology see Children's Medical Center Corporation
(21) 2019200810

(71) Maytronics Ltd
(21) 2019200731 (22) 04.02.2019
(54) POOL CLEANER AND A METHOD FOR IMAGING A POOL
(31) 62/626,099 (32) 04.02.18 (33) US

(71) McCabe, N.
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(54) HOSE ATTACHMENT
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(71) McGinley Engineered Solutions, LLC
(21) 2019200905 (22) 08.02.2019
(54) VARIABLE ANGLE BLADE PLATE SYSTEM AND METHOD
(62) 2014321392

(71) MegaPro Biomedical Co., Ltd.
(21) 2019200753 (22) 05.02.2019
(54) Biocompatible Magnetic Materials
(31) 201810145800.0 (32) 12.02.18 (33) CN

(71) Microsoft Technology Licensing, LLC
(21) 2019200748 (22) 05.02.2019
(54) Immutable object types
(62) 2014204049

(71) Mobility View Inc.
(21) 2019200807 (22) 06.02.2019
(54) System, Smart Device and Method for Apportioning Smart Device Operations and Costs
(62) 2018211251

(71) Mohawk Industries, Inc.
(21) 2019200759 (22) 05.02.2019
(54) SYSTEMS AND METHODS FOR MANUFACTURING BULKED CONTINUOUS FILAMENT
(62) 2017232137

(71) Molecular Transfer, Inc.
(21) 2019200728 (22) 04.02.2019
(54) Agents for improved delivery of nucleic acids to eukaryotic cells
(62) 2016253540

(71) Morris Industries Ltd.
(21) 2019200913 (22) 08.02.2019
(54) AGRICULTURAL IMPLEMENT FRAME ASSEMBLY
(31) 62/628,549 (32) 09.02.18 (33) US
62/628,558 09.02.18 US

(71) Morris Industries Ltd.
(21) 2019200914 (22) 08.02.2019
(54) MOUNTING BRACKET FOR AGRICULTURAL ROW UNIT
(31) 62/628,549 (32) 09.02.18 (33) US
62/628,558 09.02.18 US

(71) Motive Drilling Technologies, Inc.
(21) 2019200737 (22) 04.02.2019
(54) Surface steerable drilling system for use with rotary steerable system
(62) 2015327808

(71) MY MEDIC WATCH PTY LTD
(21) 2019200869 (22) 07.02.2019
(54) Alert System
(62) 2017338619

(71) MZ IP Holdings, LLC.
(21) 2019200788 (22) 06.02.2019
(54) SYSTEMS AND METHODS FOR IDENTIFYING AND SUGGESTING EMOTICONS
(62) 2016253602

(71) Nagaki Seiki Co., Ltd.
(21) 2019200911 (22) 08.02.2019
(54) Safety hook
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(71) National Cheng Kung University
(21) 2019200903 (22) 08.02.2019
(54) Endoplasmic Reticulum-Targeting Nanovehicles and Methods for Use Thereof
(31) 62/652,502 (32) 04.04.18 (33) US

(71) Neat Feat Products Limited
(21) 2019200904 (22) 08.02.2019
(54) An Antifungal Formulation
(62) 2017203070

(71) NeuroScientific Biopharmaceuticals Ltd
(21) 2019200832 (22) 07.02.2019
(54) A β Modulating Peptides
(62) 2014339765

(71) New York University
(21) 2019200825 (22) 07.02.2019
(54) A positive airway pressure system for treatment of a sleeping disorder
(62) 2017202016

(71) Novartis AG
(21) 2019200876 (22) 08.02.2019
(54) Panobinostat dosages for multiple myeloma
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(21) 2019200881 (22) 08.02.2019
(54) Combination therapy
(62) 2018200323

(71) Novartis AG
(21) 2019200936 (22) 07.02.2019
(54) Particles of N-(5-cyano-4-((2-methoxyethyl)amino)pyridin-2-yl)-7-formyl-6-((4-methyl-2-oxopiperazin-1-yl)methyl)-3,4-dihydro-1,8-naphthyridine-1(2H)-carboxamide
(62) 2016238437

(71) OneSteel Reinforcing Pty Limited; Petersmith Pty. Ltd; Amarula Pty Ltd
(21) 2019200827 (22) 07.02.2019
(54) A SUPPORT FOR CONCRETE REINFORCING
(62) 2017200335

(71) Optimedica Corporation
(21) 2019200858 (22) 07.02.2019
(54) Laser fiducials for axis alignment in cataract surgery
(62) 2014253904

(71) Orban Biotech LLC
(21) 2019200824 (22) 07.02.2019
(54) Diabetes biomarkers
(62) 2013266145

(71) ORLER, A.
(21) 2019200833 (22) 07.02.2019
(54) CELLULOSE-BASED BEVERAGE CARTRIDGE
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(71) ORLER, A.
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(54) ELECTROMAGNETIC FLUID SEPARATION AND COMBINATION
(31) 62/627,668 (32) 07.02.18 (33) US

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(71) ORTAL - Heating & Air Conditioning Systems Ltd. (21) 2019200829 (22) 07.02.2019 (54) Modular heating system (31) 62/626,938 (32) 06.02.18 (33) US	(54) Sound system, end of line device and end of branch device (31) 18155208.4 (32) 06.02.18 (33) EP	(54) GENERALIZED JET-EFFECT AND ENHANCED DEVICES (62) 2018200099, 2018204546
(71) Otis Elevator Company (21) 2019200826 (22) 07.02.2019 (54) Elevator control system and elevator control method for evacuation (31) 201810122449.3 (32) 07.02.18 (33) CN	(71) S&C Electric Company (21) 2019200772 (22) 05.02.2019 (54) Circuit interrupters with air trap regions in fluid reservoirs (62) 2017201361	SOLUTION CHAMPION LIMITED see FRESH IDEA GLOBAL LIMITED (21) 2019200743
(71) Perfect Company, a Delaware corporation (21) 2019200801 (22) 06.02.2019 (54) SMART SCALE -CULINARY RATIO SYSTEM (62) 2017264993	(71) Samsung Electronics Co., Ltd. (21) 2019200906 (22) 08.02.2019 (54) FLEXIBLE DISPLAY APPARATUS AND METHOD FOR CONTROLLING THEREOF (62) 2016238947	(71) Spokane Industries (21) 2019200727 (22) 04.02.2019 (54) SELF-CLEANING TANK (62) 2014262838
Petersmith Pty. Ltd see OneSteel Reinforcing Pty Limited (21) 2019200827	(71) Samsung Electronics Co., Ltd. (21) 2019200907 (22) 08.02.2019 (54) METHOD AND DEVICE FOR RENDERING ACOUSTIC SIGNAL, AND COMPUTER-READABLE RECORDING MEDIUM (62) 2017279615	(71) Stealth Peptides International, Inc. (21) 2019200823 (22) 07.02.2019 (54) METHODS FOR THE PREVENTION OR TREATMENT OF VESSEL OCCLUSION INJURY (62) 2017203662
(71) Philip Morris Products S.A. (21) 2019200902 (22) 08.02.2019 (54) Method of making a rod for use as an aerosol-forming substrate having controlled porosity distribution (62) 2015303169	(71) Schlage Lock Company LLC (21) 2019200874 (22) 08.02.2019 (54) Operation communication system (62) 2017200410	(71) Stepan Company (21) 2019200855 (22) 07.02.2019 (54) Personal cleansers and surfactant blend therefor (62) 2014287403
(71) RA Pharmaceuticals, Inc. (21) 2019200828 (22) 07.02.2019 (54) Modulation of complement activity (62) 2015274482	(71) SeeCure Taiwan Co., Ltd. (21) 2019200835 (22) 07.02.2019 (54) COMPOSITION FOR CROSS TALK BETWEEN ESTROGEN RECEPTORS AND CANNABINOID RECEPTORS (31) 16/131,045 (32) 14.09.18 (33) US	(71) Strategic Science & Technologies, LLC (21) 2019200847 (22) 07.02.2019 (54) TOPICAL COMPOSITIONS (62) 2017206223
(71) Realifex Pty. Ltd. (21) 2019200814 (22) 06.02.2019 (54) A System and Method for Monitoring Personal Activity (62) 2017201922	(71) Serinpet - Representaciones y Servicios de Petroleos (21) 2019200819 (22) 06.02.2019 (54) Check valve with inertial mass for progressive cavity pumps (62) 2014351384	(71) STRYKER EUROPEAN HOLDINGS I, LLC (21) 2019200740 (22) 04.02.2019 (54) SYSTEMS AND METHODS FOR PERCUTANEOUS SPINAL FUSION (62) 2014201569
(71) Rearden, LLC (21) 2019200838 (22) 07.02.2019 (54) SYSTEMS AND METHODS FOR MAPPING VIRTUAL RADIO INSTANCES INTO PHYSICAL VOLUMES OF COHERENCE IN DISTRIBUTED ANTENNA WIRELESS SYSTEMS (62) 2015214278	(71) Shire Human Genetic Therapies, Inc. (21) 2019200797 (22) 06.02.2019 (54) FOLLISTATIN IN TREATING DUCHENNE MUSCULAR DYSTROPHY (62) 2014209178	(71) SUPERCCELL OY (21) 2019200770 (22) 05.02.2019 (54) GRAPHICAL USER INTERFACE FOR A GAMING SYSTEM (62) 2017201869
(71) Regeneron Pharmaceuticals, Inc. (21) 2019200764 (22) 05.02.2019 (54) Antibodies comprising chimeric constant domains (62) 2014212148	(71) Sillik, F. (21) 2019200798 (22) 06.02.2019 (54) SPORTS OR EXERCISE TRAINING DEVICE FOR HAND-SWUNG IMPLEMENTS (62) 2016302159	(71) Sweet Green Fields USA LLC (21) 2019200741 (22) 04.02.2019 (54) Compositions of steviol multiglycosylated derivatives and stevia components (62) 2016294353
(71) Robert Bosch GmbH (21) 2019200749 (22) 05.02.2019	(71) SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION (21) 2019200817 (22) 06.02.2019	(71) SynFlyt Pty Ltd (21) 2019200795 (22) 06.02.2019 (54) A MOTION DEVICE (62) 2014324070

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(71) Tata Consultancy Services Limited (21) 2019200861 (22) 07.02.2019 (54) Unobtrusive and automated detection of frequencies of spatially located distinct parts of a machine (31) 201821015512 (32) 24.04.18 (33) IN	(71) United Kingdom Research and Innovation (21) 2019200742 (22) 04.02.2019 (54) ELECTRON MICROSCOPY SAMPLE SUPPORT AND METHODS AND APPARATUS COMPRISING SAME (62) 2014307715	(54) METHOD AND TOOL FOR ISOLATING A COMPONENT OF AN ASSET FOR INDIVIDUAL SCRUTINY (31) 2018900415 (32) 09.02.18 (33) AU
(71) Tata Consultancy Services Limited (21) 2019200862 (22) 07.02.2019 (54) Method and system for generating customer decision tree through machine learning (31) 201821024236 (32) 29.06.18 (33) IN	Universite d'Aix-Marseille see GlaxoSmithKline Intellectual Property Development Limited (21) 2019200751	(71) Whirlpool Corporation (21) 2019200785 (22) 06.02.2019 (54) SIFTER SCALE ATTACHMENT FOR STAND MIXER (31) 62/627,958 (32) 08.02.18 (33) US 16/243,412 09.01.19 US
(71) Texchem Polymers SDN BHD (21) 2019200804 (22) 06.02.2019 (54) Thermoplastic Starch Composition Derives From Agricultural Waste (62) 2017200990	(71) University of Washington through its Center for Commercialization (21) 2019200897 (22) 08.02.2019 (54) Compositions and methods for improving nanopore sequencing (62) 2013296207	(71) Windgap Medical, Inc (21) 2019200849 (22) 07.02.2019 (54) Portable drug mixing and delivery device and associated methods (62) 2015305635
(71) THE NORTH AMERICAN COAL CORPORATION (21) 2019200736 (22) 04.02.2019 (54) ROTATABLE TAILGATE (31) 62/709,923 (32) 05.02.18 (33) US	(71) Vaxion Therapeutics, LLC (21) 2019200735 (22) 04.02.2019 (54) Immunomodulatory minicells and methods of use (62) 2013327059	(71) XSLENT Energy Technologies, LLC (21) 2019200738 (22) 04.02.2019 (54) Hierarchical and distributed power grid control (62) 2015283878
(71) The Trustees of Columbia University in the City of New York (21) 2019200786 (22) 06.02.2019 (54) Antimicrobial/preservative compositions comprising botanicals (62) 2017204534	(71) Verton IP Pty Ltd (21) 2019200830 (22) 07.02.2019 (54) Materials management systems and methods (62) 2016336033	(71) Xyleco, Inc. (21) 2019200887 (22) 08.02.2019 (54) Processing of Biomass Materials (62) 2016235003
(71) Tornier (21) 2019200794 (22) 06.02.2019 (54) Method for manufacturing a patient-specific prosthesis for a fractured long bone (31) 18305118.4 (32) 06.02.18 (33) EM	(71) ViaSat, Inc. (21) 2019200693 (22) 01.02.2019 (54) ACCESS NODE FOR END-TO-END BEAMFORMING COMMUNICATIONS SYSTEM (62) 2016283501	(71) Yun Yang Fire Safety Equipment Co. Ltd. (21) 2019200766 (22) 05.02.2019 (54) Information providing system
(71) Translate Bio, Inc. (21) 2019200803 (22) 06.02.2019 (54) METHODS AND COMPOSITIONS FOR DELIVERING MRNA CODED ANTIBODIES (62) 2014239184	(71) ViewRay Technologies, Inc. (21) 2019200859 (22) 07.02.2019 (54) METHOD AND APPARATUS FOR SHIELDING A LINEAR ACCELERATOR AND A MAGNETIC RESONANCE IMAGING DEVICE FROM EACH OTHER (62) 2017200361	(71) Yun Yang Fire Safety Equipment Co. Ltd. (21) 2019200767 (22) 05.02.2019 (54) Information providing system and method for providing disaster prevention information
(71) Translate Bio MA, Inc. (21) 2019200789 (22) 06.02.2019 (54) Multimeric oligonucleotide compounds (62) 2013315225	(71) Virtual Fluid Monitoring Services LLC (21) 2019200774 (22) 05.02.2019 (54) Systems, apparatuses, and methods for fluid analysis and monitoring (62) 2016255744	(71) ZoneOne Pharma, Inc. (21) 2019200756 (22) 05.02.2019 (54) REMOTE LOADING OF SPARINGLY WATER-SOLUBLE DRUGS INTO LIPOSOMES (62) 2014212096
(71) ULMA PACKAGING TECHNOLOGICAL CENTER, S.COOP. (21) 2019200763 (22) 05.02.2019 (54) Vertical packaging machine for packaging products and associated method (31) EP18382103.2 (32) 21.02.18 (33) EP	(71) Visa International Service Association (21) 2019200848 (22) 07.02.2019 (54) PORTABLE ACCOUNT NUMBER FOR CONSUMER PAYMENT ACCOUNT (62) 2017202661	(71) Zou, G. (21) 2019200800 (22) 06.02.2019 (54) ANTENNA WITH ANTI-INTERFERENCE ARRANGEMENT AND ITS MANUFACTURING METHOD (31) 201810595973.X (32) 11.06.18 (33) CN 16/035,689 15.07.18 US 201811473009.9 04.12.18 CN 201811368719.5 16.11.18 CN
	(71) Washington Brown Depreciation Pty Ltd (21) 2019200744 (22) 04.02.2019	

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2019200691	Five Prime Therapeutics, Inc.	2019200786	The Trustees of Columbia University in the City of New York
2019200693	ViaSat, Inc.	2019200787	Angel Playing Cards Co., Ltd.
2019200698	Apple Inc.	2019200788	MZ IP Holdings, LLC.
2019200726	Janssen Pharmaceutica NV	2019200789	Translate Bio MA, Inc.
2019200727	Spokane Industries	2019200790	ALSTOM Transport Technologies
2019200728	Molecular Transfer, Inc.	2019200791	GAMBRO LUNDIA AB
2019200729	Accenture Global Solutions Limited	2019200793	Bioness Neuromodulation Ltd.
2019200730	Inguran, LLC	2019200794	Tornier
2019200731	Maytronics Ltd	2019200795	SynFlyt Pty Ltd
2019200733	JVC Kenwood Corporation	2019200796	Blue I.V. LLC
2019200734	Flexopack S.A.	2019200797	Shire Human Genetic Therapies, Inc.
2019200735	Vaxiion Therapeutics, LLC	2019200798	Sillik, F.
2019200736	THE NORTH AMERICAN COAL CORPORATION	2019200799	AMADEUS S.A.S.
2019200737	Motive Drilling Technologies, Inc.	2019200800	Zou, G.
2019200738	XSLENT Energy Technologies, LLC	2019200801	Perfect Company, a Delaware corporation
2019200739	Becton, Dickinson and Company	2019200802	Laila Nutraceuticals
2019200740	STRYKER EUROPEAN HOLDINGS I, LLC	2019200803	Translate Bio, Inc.
2019200741	Sweet Green Fields USA LLC	2019200804	Texchem Polymers SDN BHD
2019200742	United Kingdom Research and Innovation	2019200805	Evogene Ltd.
2019200743	FRESH IDEA GLOBAL LIMITED; SOLUTION CHAMPI- ON LIMITED; LT GAME LIMITED	2019200806	Aristocrat Technologies Australia Pty Limited
2019200744	Washington Brown Depreciation Pty Ltd	2019200807	Mobility View Inc.
2019200745	Kerr Engineering (WA) Pty Ltd	2019200808	Aristocrat Technologies Australia Pty Limited
2019200746	Adobe Inc.	2019200809	Innovfusion Pte Ltd
2019200747	Critical Care Diagnostics, Inc.	2019200810	Children's Medical Center Corporation; Massachusetts Institute of Technology
2019200748	Microsoft Technology Licensing, LLC	2019200811	Facebook, Inc.
2019200749	Robert Bosch GmbH	2019200812	Intercontinental Great Brands LLC
2019200750	CareFusion 303, Inc.	2019200813	Janssen Sciences Ireland UC
2019200751	GlaxoSmithKline Intellectual Property Development Limited; INSERM (Institut National de la Sante et de la Recherche Medicale); Institut Jean Paoli & Irene Calmettes; Universite d'Aix-Marseille; Centre National de la Recherche Scientifique	2019200814	Realifex Pty. Ltd.
2019200752	Ceracell Beekeeping Supplies (NZ) Limited	2019200815	Australian Engineered Solutions Pty Ltd
2019200753	MegaPro Biomedical Co., Ltd.	2019200816	Asahi Kasei Kabushiki Kaisha
2019200754	Daon Holdings Limited	2019200817	SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION
2019200755	Colgate-Palmolive Company	2019200818	L.B. Foster Rail Technologies, Inc.
2019200756	ZoneOne Pharma, Inc.	2019200819	Serinet - Representaciones y Servicios de Petroleos
2019200757	Aker BioMarine Antarctic AS	2019200820	Ionis Pharmaceuticals, Inc.
2019200758	Aristocrat Technologies Australia Pty Limited	2019200821	Equinix, Inc.
2019200759	Mohawk Industries, Inc.	2019200822	Harvey, L.
2019200760	Colgate-Palmolive Company	2019200823	Stealth Peptides International, Inc.
2019200761	FP CANMECHANICA INC.	2019200824	Orban Biotech LLC
2019200762	Colgate-Palmolive Company	2019200825	New York University
2019200763	ULMA PACKAGING TECHNOLOGICAL CENTER, S.COOP.	2019200826	Otis Elevator Company
2019200764	Regeneron Pharmaceuticals, Inc.	2019200827	OneSteel Reinforcing Pty Limited; Petersmith Pty. Ltd; Amarula Pty Ltd
2019200765	ClearStream Technologies Limited	2019200828	RA Pharmaceuticals, Inc.
2019200766	Yun Yang Fire Safety Equipment Co. Ltd.	2019200829	ORTAL - Heating & Air Conditioning Systems Ltd.
2019200767	Yun Yang Fire Safety Equipment Co. Ltd.	2019200830	Verton IP Pty Ltd
2019200768	Aristocrat Technologies Australia Pty Limited	2019200831	Early Minute Pty Ltd
2019200769	CRISI Medical Systems, Inc.	2019200832	NeuroScientific Biopharmaceuticals Ltd
2019200770	SUPERCELL OY	2019200833	ORLER, A.
2019200771	Haptch, Inc.	2019200834	Joy Global Underground Mining LLC
2019200772	S&C Electric Company	2019200835	SeeCure Taiwan Co., Ltd.
2019200773	Dezinal Pty Ltd	2019200836	ORLER, A.
2019200774	Virtual Fluid Monitoring Services LLC	2019200837	Canon Kabushiki Kaisha
2019200776	IMAGINEERED PTY LTD	2019200838	Rearden, LLC
2019200777	Impossible Foods Inc.	2019200839	Eximis Surgical, LLC
2019200778	CEPHEID	2019200840	Astex Therapeutics Limited
2019200779	Blazley, W.	2019200841	Amgen Research (Munich) GmbH
2019200780	Albany Engineered Composites, Inc.	2019200843	Imprenditore Pty Limited
2019200781	Albany Engineered Composites, Inc.	2019200844	Aristocrat Technologies Australia Pty Limited
2019200782	Aristocrat Technologies Australia Pty Limited	2019200845	Chevron U.S.A. Inc.
2019200783	Aristocrat Technologies Australia Pty Limited	2019200846	DuPont Nutrition Biosciences ApS
2019200784	Efficient Lighting Systems Pty. Ltd.	2019200847	Strategic Science & Technologies, LLC
2019200785	Whirlpool Corporation	2019200848	Visa International Service Association
		2019200849	Windgap Medical, Inc
		2019200850	Advanced Cooling Therapy, LLC
		2019200851	DSM IP Assets B.V.

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2019200852	Ingevity South Carolina, LLC
2019200853	KGK Science Inc.
2019200854	Canon Kabushiki Kaisha
2019200855	Stepan Company
2019200856	KAP Medical
2019200857	Fermentaig
2019200858	Optimedica Corporation
2019200859	ViewRay Technologies, Inc.
2019200860	Clarus Technologies Pty Ltd
2019200861	Tata Consultancy Services Limited
2019200862	Tata Consultancy Services Limited
2019200863	Cregan, S.A.
2019200864	CFPH, LLC
2019200865	McCabe, N.
2019200866	Jenkins III, A.L.
2019200867	CFPH, LLC
2019200868	Alkermes Pharma Ireland Limited
2019200869	MY MEDIC WATCH PTY LTD
2019200870	Guinea, J.
2019200871	AMO Development, LLC
2019200872	Apple Inc.
2019200874	Schlage Lock Company LLC
2019200875	Coiled Tubing Specialties, LLC
2019200876	Novartis AG
2019200877	Coiled Tubing Specialties, LLC
2019200878	Genomatica, Inc.
2019200879	Aristocrat Technologies Australia Pty Limited
2019200880	LG Electronics Inc.
2019200881	Novartis AG
2019200882	Blackhawk Network, Inc.
2019200883	LG Electronics Inc.
2019200884	AUCKLAND UNISERVICES LIMITED
2019200885	DEKA Products Limited Partnership
2019200886	LG Electronics Inc.
2019200887	Xyleco, Inc.
2019200888	K2M, Inc.
2019200889	MacDon Industries Ltd.
2019200890	Agriculture Victoria Services Pty Ltd
2019200891	Coles Group Limited
2019200892	Implantica Patent Ltd
2019200893	Suntory Holdings Limited
2019200894	HERIOT EYECARE PTY. LTD.
2019200895	Inspiron Delivery Technologies, LLC
2019200896	Apple Inc.
2019200897	University of Washington through its Center for Commercialization
2019200898	KGK Science Inc.
2019200899	Evolution Well Services, LLC
2019200900	Ecolab USA Inc.
2019200901	AbbVie Inc.
2019200902	Philip Morris Products S.A.
2019200903	National Cheng Kung University
2019200904	Neat Feat Products Limited
2019200905	McGinley Engineered Solutions, LLC
2019200906	Samsung Electronics Co., Ltd.
2019200907	Samsung Electronics Co., Ltd.
2019200908	Biosense Webster (Israel) Ltd.
2019200909	Ansh Labs LLC
2019200910	BIOSENSE WEBSTER (ISRAEL) LTD.
2019200911	Nagaki Seiki Co., Ltd.
2019200912	Macrogenics, Inc.; Duke University
2019200913	Morris Industries Ltd.
2019200914	Morris Industries Ltd.
2019200919	Australia and New Zealand Banking Group Limited
2019200936	Novartis AG

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Applications listed below were processed through the Patent Office Canberra during the period ending 5 Feb 2019 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) 4TEL PTY LTD (21) 2019100119 (22) 05.02.2019 (54) A TRAIN DRIVER ADVISORY SYSTEM (31) 2018900467 (32) 14.02.18 (33) AU	horses which is attached to a stand alone base. The sturdy base that is used as a hidden receptacle when inserting item. Snow Globe base has two clips on side that twist lock into the base. Four claw feet and a plaque for engraving on the front of Urn. LaCarobe Collections Unique Keepsake Cremation Urn *Exquisite Carousel Horses *Ceremonial Dressage with Ribbons and Flowers Timeless Classic Memorial Urn Humble Handcrafted Comforting Infant/Child Urn. We have been trademarked in America (31) 2018900299 (32) 31.01.18 (33) AU	(71) Meszaros, L. (21) 2019100131 (22) 06.02.2019 (54) virtual interactive convenience store vending machine
(71) Arch Wood Protection Pty Ltd (21) 2019100114 (22) 04.02.2019 (54) A kit for on-the-shelf sale (62) 2016214958	(71) Haworth, N. (21) 2019100140 (22) 11.02.2019 (54) A FOLDABLE SUPPORT DEVICE AND METHOD OF USE THEREOF	(71) Nianah Pty Ltd (21) 2019100124 (22) 05.02.2019 (54) Camper Trailer (62) 2017100225
(71) AUSSIE FOOD TO YOU PTY LTD (21) 2019100126 (22) 06.02.2019 (54) Subsurface inspection of Avocado quality; Quality testing technique with real-time monitoring using Smart Supply Chain	(71) Huang, Z. (21) 2019100115 (22) 04.02.2019 (54) FGF1 mutant and administration method (62) PCT/CN2017/076266	(71) Schutt, N. (21) 2019100135 (22) 07.02.2019 (54) User-friendly, easily assembled headboards, bed ends and related furniture embellishments.
(71) Aussie Traveller Pty Ltd (21) 2019100117 (22) 04.02.2019 (54) LATCH ASSEMBLY	(71) INNOBE Co., Ltd. (21) 2019100125 (22) 06.02.2019 (54) Parallel diesel engine generator system and method for controlling the same (31) 10-2018-0014300 (32) 06.02.18 (33) KR 10-2018-0057931 21.05.18 KR	(71) Shandong Agricultural University (21) 2019100137 (22) 08.02.2019 (54) Switch-type green onion seeder (31) 2018206679310 (32) 07.05.18 (33) CN 2018104267062 07.05.18 CN
(71) Beijing Hongna Luyuan Technology Development Co., Ltd (21) 2019100132 (22) 07.02.2019 (54) PLANT SOURCED EXTRACTION OF REMOVING FORMALDEHYDE DEODORANT AND ITS PREPARATION METHOD (31) 201811117760.5 (32) 21.09.18 (33) CN	(71) KAMBOURIS, A. (21) 2019100136 (22) 07.02.2019 (54) HYDROGEN-BASED COMPOSITIONS (31) 2019900340 (32) 04.02.19 (33) AU	(71) SKYTENT PTY LTD (21) 2019100122 (22) 06.02.2019 (54) A TENT EASY TO PITCH AND STRIKE
(71) Beijing Hongna Luyuan Technology Development Co., Ltd (21) 2019100133 (22) 07.02.2019 (54) A PLANT-DERIVED GERMICIDAL DEODORANT USED FOR ANIMAL HUSBANDRY GERMICIDAL DISINFECTION (31) 201811109623.7 (32) 21.09.18 (33) CN	(71) Lighting Spaces Australia Pty Ltd (21) 2019100139 (22) 11.02.2019 (54) A powered shelving arrangement (62) PCT/AU2017/050659	(71) SKYTENT PTY LTD (21) 2019100123 (22) 06.02.2019 (54) AN ELECTRICAL TRUNKING FOR TENTS
(71) Beijing Hongna Luyuan Technology Development Co., Ltd (21) 2019100134 (22) 07.02.2019 (54) A PLANT-DERIVED GERMICIDAL DEODORANT FOR ENVIRONMENTAL TREATMENT AND ITS PREPARATION METHOD (31) 201811109625.6 (32) 21.09.18 (33) CN	(71) Maxsun (Dalian) Co., Ltd (21) 2019100120 (22) 05.02.2019 (54) Safety device regulator (62) 2015383583	(71) STM Management Pty Ltd (21) 2019100127 (22) 06.02.2019 (54) A CASE FOR A TABLET SHAPED DEVICE
(71) Gibson, K. (21) 2019100105 (22) 31.01.2019 (54) Pegasus Cremation Urn/keepsake. 40 cubic inches and 27cm height. Snow globe filled with glitter and carousel	(71) Message 4U Pty Limited (21) 2019100118 (22) 05.02.2019 (54) A SYSTEM AND METHOD FOR FACILITATING DELIVERY OF TEXT MESSAGES USING DEDICATED NUMBERS (31) 2018900347 (32) 05.02.18 (33) AU	(71) The Lumen Effect Pty Ltd (21) 2019100121 (22) 05.02.2019 (54) A MOUNTING SYSTEM
	(71) TOGNOLINI, T. (21) 2019100138 (22) 08.02.2019 (54) TRANSPORT LOAD RESTRAINT AID (31) 2018900408 (32) 09.02.18 (33) AU	
	(71) TTI (MACAO COMMERCIAL OFF-SHORE) LIMITED (21) 2019100129 (22) 06.02.2019 (54) Pouch battery with safety protection function (31) 201820278528.9 (32) 27.02.18 (33) CN	

Innovation Patent Applications Filed - Name Index cont'd

(71) TTI (MACAO COMMERCIAL OFF-SHORE) LIMITED
 (21) 2019100130 (22) 06.02.2019
 (54) Mowers and mower systems capable of displaying data information
 (31) 201820278209.8 (32) 27.02.18 (33) CN

(71) Wristband Monkey PTY LTD
 (21) 2019100128 (22) 06.02.2019
 (54) A wearable device
 (31) 2018900457 (32) 14.02.18 (33) AU

(71) Xu, J.
 (21) 2019100116 (22) 04.02.2019
 (54) Floor Heating System
 (31) 2018904182 (32) 02.11.18 (33) AU

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2019100105	Gibson, K.	2019100129	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2019100114	Arch Wood Protection Pty Ltd	2019100130	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2019100115	Huang, Z.	2019100131	Meszaros, L.
2019100116	Xu, J.	2019100132	Beijing Hongna Luyuan Technology Development Co., Ltd
2019100117	Aussie Traveller Pty Ltd	2019100133	Beijing Hongna Luyuan Technology Development Co., Ltd
2019100118	Message 4U Pty Limited	2019100134	Beijing Hongna Luyuan Technology Development Co., Ltd
2019100119	4TEL PTY LTD	2019100135	Schutt, N.
2019100120	Maxsun (Dalian) Co., Ltd	2019100136	KAMBOURIS, A.
2019100121	The Lumen Effect Pty Ltd	2019100137	Shandong Agricultural University
2019100122	SKYTENT PTY LTD	2019100138	TOGNOLINI, T.
2019100123	SKYTENT PTY LTD	2019100139	Lighting Spaces Australia Pty Ltd
2019100124	Nianah Pty Ltd	2019100140	Haworth, N.
2019100125	INNOBE Co., Ltd.		
2019100126	AUSSIE FOOD TO YOU PTY LTD		
2019100127	STM Management Pty Ltd		
2019100128	Wristband Monkey PTY LTD		

Applications with amended filing dates Reg 3.5(A).

2018282407 **Vyome Biosciences Pvt. Ltd.** The filing date has been amended to 21.12.2018

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

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1999014690 (14)	1999014691 (14)	1999015445 (14)
1999015472 (14)	1999020442 (14)	1999021706 (14)
1999021711 (14)	1999021714 (14)	1999021715 (14)
1999024056 (14)	1999024057 (14)	1999024061 (14)
1999024078 (14)	1999024935 (14)	1999025036 (14)
1999025039 (14)	1999025281 (14)	1999025764 (14)
1999025781 (14)	1999025797 (14)	1999025803 (14)
1999025811 (14)	1999025856 (14)	1999025879 (14)
1999026454 (14)	1999026609 (14)	1999026647 (14)
1999027221 (14)	1999027232 (14)	1999027610 (14)
1999028314 (14)	1999028316 (14)	1999029233 (14)
1999029701 (14)	1999032813 (14)	1999032858 (14)
1999041167 (14)	1999041176 (14)	1999041799 (14)
1999048006 (14)	1999048903 (14)	1999048922 (14)
1999050840 (14)	1999051766 (14)	

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2000048788 (14)	2000048803 (14)	2000048856 (14)
2000048864 (14)	2000048878 (14)	2000061733 (14)
2000063261 (14)	2000063672 (14)	2000064262 (14)
2000066111 (14)	2000067521 (14)	2000263715 (14)

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2001057676 (14)	2001275709 (14)	2001277148 (14)
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2002

2002224578 (14)	2002252807 (14)	2002300266 (14)
2002300286 (14)	2002300687 (14)	2002315558 (14)
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2002322652 (14)	2002322675 (14)	2002322689 (14)
2002322720 (14)	2002324525 (14)	2002325903 (14)
2002327890 (14)	2002328049 (14)	2002328976 (14)
2002334027 (14)	2002341008 (14)	2002355194 (14)
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2003227159 (14)	2003227337 (14)	2003227338 (14)
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2003256839 (14)	2003256989 (14)	2003260326 (14)
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2004201884 (14)	2004201885 (14)	2004203029 (14)
2004203405 (14)	2004203408 (14)	2004203489 (14)
2004259769 (14)	2004261182 (14)	2004261439 (14)
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2004270644 (14)	2004271531 (14)	2004302144 (14)
2004313609 (14)	2004318628 (14)	

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2005266853 (14)	2005266860 (14)	2005266976 (14)
2005269257 (14)	2005269394 (14)	2005269461 (14)
2005269514 (14)	2005271658 (14)	2005274106 (14)
2005280499 (14)	2005323472 (14)	2005334984 (14)

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2006272664 (14)	2006274141 (14)	2006274356 (14)
2006275063 (14)	2006275299 (14)	2006275534 (14)
2006275662 (14)	2006275727 (14)	2006275753 (14)
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2006277852 (14)	2006279189 (14)	2006346759 (14)

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2007200429 (14)	2007202745 (14)	2007203443 (14)
2007203490 (14)	2007203500 (14)	2007203529 (14)
2007203530 (14)	2007277176 (14)	2007278210 (14)
2007278407 (14)	2007278813 (14)	2007278850 (14)
2007279177 (14)	2007279302 (14)	2007281010 (14)
2007293117 (14)	2007345231 (14)	2007345682 (14)
2007345768 (14)	2007356840 (14)	

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2008203351 (14)	2008203354 (14)	2008207382 (14)
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2008280806 (14)	2008280983 (14)	2008281476 (14)
2008282338 (14)	2008282451 (14)	2008282452 (14)
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2008283196 (14)	2008283197 (14)	2008283697 (14)
2008284129 (14)	2008287156 (14)	2008290737 (14)
2008295176 (14)	2008309486 (14)	2008359684 (14)
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2009203029 (14)	2009213010 (14)	2009242764 (14)
2009273869 (14)	2009273871 (14)	2009275203 (14)
2009275776 (14)	2009276565 (14)	2009276568 (14)
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2010257382 (14)	2010275468 (14)	2010275473 (14)
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2010279076 (14)	2010280128 (14)	2010280510 (14)
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2010281539 (14)	2010302209 (14)	2010332441 (14)

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2011100129 (22)	2011100135 (22)	2011100136 (22)
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2011282720 (14)	2011282767 (14)	2011282783 (14)
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2012101124 (22G)	2012101130 (22E)	2012101507 (22)
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2012290429 (14)	2012291109 (14)	2012291864 (14)
2012291866 (14)	2012291867 (14)	2012312938 (14)
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2013100502 (22)	2013101003 (22E)	2013101041 (22E)
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2013209363 (4C)	2013235401 (5C)	2013256109 (5C)
2013263808 (14)	2013285814 (5C)	2013293157 (14)
2013295456 (14)	2013295604 (14)	2013295736 (14)
2013296148 (4C)	2013296705 (4D)	2013296720 (14)
2013296881 (14)	2013298185 (14)	2013298621 (14)
2013299039 (14)	2013306316 (14)	2013313272 (14)
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2014229137 (5C)	2014229643 (5C)	2014239965 (5C)
2014240392 (5C)	2014292882 (4C)	2014293014 (4D)
2014295042 (14)	2014295811 (4C)	2014295907 (4C)
2014295912 (14)	2014296379 (4C)	2014296383 (4C)
2014297948 (4C)	2014298181 (14)	2014298182 (14)
2014298183 (14)	2014298256 (4C)	2014298549 (14)
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2014349198 (14)	2014401829 (4A)	2014402561 (4B)
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2015100178 (22G)	2015100999 (22E)	2015101011 (22E)
2015101583 (21F)	2015200390 (14)	2015200727 (1B)
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2015218631 (1B)	2015218692 (1B)	2015218735 (1B)
2015218905 (1B)	2015219328 (1B)	2015219562 (1B)

2015220441 (1B)	2015220448 (1B)	2015220584 (1B)
2015220754 (1B)	2015220765 (1B)	2015220883 (1B)
2015220948 (1B)	2015221388 (1B)	2015223072 (1B)
2015223121 (1B)	2015223132 (1B)	2015223136 (1B)
2015230811 (1B)	2015243013 (1B)	2015248913 (5C)
2015250997 (5C)	2015253461 (1B)	2015254306 (1B)
2015254756 (1B)	2015258245 (1B)	2015273190 (5C)
2015287426 (1B)	2015289576 (1B)	2015289579 (1B)
2015289832 (1B)	2015290042 (1B)	2015290225 (1B)
2015292239 (1B)	2015292526 (1B)	2015292826 (1B)
2015294348 (1B)	2015294364 (1B)	2015294425 (1B)
2015301507 (1B)	2015303359 (1B)	2015303361 (1B)
2015304927 (1B)	2015305745 (1B)	2015305787 (1B)
2015308716 (5C)	2015309249 (1B)	2015332453 (1B)
2015345102 (1B)	2015346044 (1B)	2015346223 (1B)
2015348948 (1B)	2015352147 (5C)	2015352776 (1B)
2015352777 (1B)	2015353549 (1B)	2015358536 (1B)
2015359323 (25D)	2015379512 (1B)	2015382370 (5C)
2015390292 (1B)		

2016

2016101162 (22E)	2016101246 (22E)	2016101303 (22E)
2016101307 (22E)	2016101309 (22E)	2016101313 (22E)
2016101343 (22E)	2016200115 (1B)	2016200375 (1B)
2016201996 (14)	2016202842 (5C)	2016202850 (4C)
2016203825 (16D)	2016208435 (5C)	2016208674 (5C)
2016211916 (25D)	2016214452 (1B)	2016214455 (1B)
2016219599 (4C)	2016225872 (14)	2016230242 (5C)
2016231597 (4C)	2016238923 (25D)	2016241232 (1B)
2016241234 (1B)	2016241382 (1B)	2016242302 (1B)
2016243159 (1B)	2016243711 (1B)	2016243945 (1B)
2016245413 (1B)	2016246595 (1B)	2016246647 (1B)
2016250495 (4C)	2016262769 (5C)	2016291543 (5C)
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2017

2017100097 (22E)	2017200452 (5C)	2017200464 (4C)
2017200778 (5C)	2017200846 (4C)	2017201080 (5C)
2017201083 (5C)	2017201566 (5C)	2017201587 (5C)
2017201797 (5C)	2017202357 (5C)	2017202362 (5C)
2017202384 (5C)	2017202397 (5C)	2017202458 (5C)
2017203176 (5C)	2017203849 (5C)	2017204281 (25D)
2017204597 (5C)	2017204884 (5C)	2017204894 (4C)
2017206198 (5C)	2017221790 (4C)	2017248565 (5C)
2017250696 (1B)	2017254814 (4C)	

2018

2018100486 (21F)	2018100553 (21F)	2018100604 (21F)
2018100717 (21F)	2018100768 (21F)	2018101828 (18AN)
2018102102 (12CN)	2018264034 (1B)	2018264104 (1B)
2018264107 (1B)	2018267573 (1B)	2018267592 (1B)
2018267620 (1B)	2018900410 (12AN)	2018900473 (12AN)
2018900949 (12AN)		

2019

2019200619 (12BN)

Assignments before Grant, Section 113

2014

2014290079 Unitract Syringe Pty Ltd The application has been assigned to **UNL Holdings LLC**

2014290081 Unitract Syringe Pty Ltd The application has been assigned to **UNL Holdings LLC**

2014290084 Unitract Syringe Pty Ltd The application has been assigned to **UNL Holdings LLC**

Assignments before Grant, Section 113

2014292811 Zulert Labs Inc. The application has been assigned to **Cognian Technologies Ltd.**

2014295819 The University of Melbourne The application has been assigned to **FREO2 PTY LTD**

2014308659 Unitract Syringe Pty Ltd The application has been assigned to **UNL Holdings LLC**

2014353871 Deep Exploration Technologies Cooperative Research Centre Ltd The application has been assigned to **MINEX CRC LTD**

2015

2015222798 Surgical Design Innovations The application has been assigned to **ExoToe LLC**

2015228667 Patronus Holdings Ltd The application has been assigned to **ATM Security Systems International Limited**

2015229421 Warner Chilcott Company, LLC The application has been assigned to **Allergan Pharmaceuticals International Limited**

2015240761 Ionis Pharmaceuticals, Inc. The application has been assigned to **Biogen MA Inc.**

2015305199 The Regents of The University of California; Guangzhou Kangrui Biological Pharmaceutical Technology Co., Ltd. The application has been assigned to **YouHealth Biotech, Limited; The Regents of The University of California**

2015326919 Calderys France The application has been assigned to **Imertech SAS**

2016

2016204037 Zulert Labs Inc. The application has been assigned to **Cognian Technologies Ltd.**

2016223349 Imerys Ceramics France The application has been assigned to **Imertech SAS**

2016279884 Imerys Minerals Limited The application has been assigned to **Imertech SAS**

2016302951 Suzhou Alphamab Co., Ltd.; 3D Medicines (Beijing) Co., Ltd. The application has been assigned to **Jiangsu Alphamab Biopharmaceuticals Co., Ltd.; 3D Medicines (Beijing) Co., Ltd.**

2016339049 Imerys Minerals Limited The application has been assigned to **Imertech SAS**

2016364624 Jay-Smith, Morgan; Kueh, Jui Thieng; Giles, Gregory; Smith, Robin; Rennison, David; Larsen, Lesley; Larsen, David; Brimble, Margaret; Sammut, Ivan; Harrison, Joanne; Stanley, Nathan; Woods, Laura; Hewitt, Russell; Read, Morgayn The application has been assigned to **Otago Innovation Limited**

2017

2017203228 Niesingh, Mario Rene; Measday, Brian John The application has been assigned to **Niesingh, Mario Rene**

Assignments before Grant, Section 113

2017204143 Sony Corporation The application has been assigned to **Velos Media International Limited**

2017208044 Imerys Minerals Limited The application has been assigned to **Imertech SAS**

2017233543 The Hug App Pty Ltd The application has been assigned to **The Hug App (IP) Pty Ltd**

2017236045 BIOLOG The application has been assigned to **Bio-log-id**

2017236049 BIOLOG The application has been assigned to **Bio-log-id**

2017254799 Oregon Health & Science University; Picker, Louis; Hansen, Scott; Fruh, Klaus The application has been assigned to **Oregon Health & Science University**

2017255943 Imerys Minerals Limited The application has been assigned to **Imertech SAS**

2017261143 Nasdaq Technology AB The application has been assigned to **BWise B.V.**

2017263158 Imerys Minerals Limited The application has been assigned to **Imertech SAS**

2017264834 Imerys Minerals Limited The application has been assigned to **Imertech SAS**

2017265131 CSR Building Products Limited The application has been assigned to **Viridian Glass Limited**

2017286604 Pak, Chorom; Pinchuk, Anatoly; Collectar Biosciences, Inc.; Weichert, Jamey; Kozak, Kevin; Longino, Marc The application has been assigned to **Collectar Biosciences, Inc.**

2017307506 Greyrock Energy, Inc. The application has been assigned to **Greyrock Technology, LLC**

2018

2018201528 Saint-Gobain Construction Products UK Limited The application has been assigned to **Saint-Gobain Placo SAS**

2018274963 iKEON Pty Limited The application has been assigned to **GRANMI PTY LIMITED**

2018900322 Designs To You Pty Ltd The application has been assigned to **Cao, Cuong**

2018903928 The Hug App Pty Ltd The application has been assigned to **The Hug App (IP) Pty Ltd**

2019

2019200616 Unitract Syringe Pty Ltd The application has been assigned to **UNL Holdings LLC**

Extensions of Time, Section 223

Applications Received

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

2008

2008326234 **Tyco Fire & Security GmbH** An application to extend the time from 07 Nov 2017 to 07 Nov 2018 in which to pay a renewal fee has been filed . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2008326236 **Tyco Fire & Security GmbH** An application to extend the time from 07 Nov 2017 to 07 Nov 2018 in which to pay a renewal fee has been filed . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2011

2011252744 **Major Graphics Printers Pty Ltd** An application to extend the time from 10 May 2018 to 10 Dec 2018 in which to pay a renewal fee has been filed . Address for service - EZIADZ PTY LTD U 136 79-91 Macpherson St Warriewood NSW 2102 AU

2011286162 **Webber, G.** An application to extend the time from 03 Aug 2018 to 03 Mar 2019 in which to pay a renewal fee has been filed . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2012

2012212129 **Ingenious Designs, LLC.** An application to extend the time from 02 Feb 2018 to 02 Feb 2019 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2012238277 **Fredericks, J.; Lapidge, T.** An application to extend the time from 26 Apr 2018 to 26 Nov 2018 in which to pay a renewal fee has been filed . Address for service - Acumen Intellectual Property PO Box 140 Berridale NSW 2628 AU

2014

2014100380 **Goldsmith, G.** An application to extend the time from 16 Apr 2018 to 16 Dec 2018 in which to pay a renewal fee has been filed . Address for service - Grant Leslie Goldsmith 25 Cambridge St Blacktown NSW 2148 AU

2014212124 **Vasefi, F.; Farkas, D.; Mackinnon, N.** An application to extend the time from 31 Jan 2018 to 31 Jan 2019 in which to pay a continuation fee has been filed . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2014270410 **Illumina Cambridge Limited** An application to extend the time from 22 May 2018 to 22 Dec 2018 in which to pay a continuation fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016

2016100073 **OWERHALL, E.** An application to extend the time from 21 Jan 2018 to 21 Oct 2018 in which to pay a renewal fee has been filed . Address for service - EERIK JUHANI OWERHALL PO Box 165 Williamstown VIC 3016 AU

Extensions of Time, Section 223

2016354543 **Foddertech America, LLC** An application to extend the time from 11 Jun 2018 to 11 Oct 2018 in which to enter the National Phase has been filed . Address for service - Clark Intellectual Property Pty Ltd Suite 305, 110 Pacific Highway North Sydney North Sydney NSW 2060 AU

2017

2017203339 **Jefferies, W.; Biron, K.; Dickstein, D.** An application to extend the time from 18 Jul 2018 to 18 Feb 2019 in which to pay a continuation fee has been filed . Address for service - LESICAR MAYNARD ANDREWS PTY LTD PO BOX 2545 KENT TOWN SA 5071 AU

2017203998 **BlackLight Power, Inc.** An application to extend the time from 30 Mar 2018 to 30 Dec 2018 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017248476 **Exosome Diagnostics, Inc.** An application to extend the time from 11 May 2018 to 11 Dec 2018 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017279612 **Sony Corporation** An application to extend the time from 09 Mar 2018 to 09 Dec 2018 in which to request examination has been filed . Address for service - Griffith Hack GPO Box 1285 MELBOURNE VIC 3001 AU

2018

2018200156 **McVey, C.** An application to extend the time from 09 May 2018 to 09 Dec 2018 in which to pay a continuation fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Applications Allowed - Section 223(2)

2014

2014243881 **EndoShape Inc.** The time in which to pay a renewal fee has been extended to 13 Nov 2018 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

2014261329 **Katholieke Universiteit Leuven; University Hospital Antwerp** The time in which to extend the grace period has been extended to 03 May 2014 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014411038 **Shengyi Technology Co., Ltd.** The time in which to gain acceptance has been extended to 09 Oct 2019 . Address for service - Chrysiliou IP Level 2 15 Rodborough Road Frenchs Forest NSW 2086 AU

2015

2015357769 **L'air Liquide Societe Anonyme Pour L'etude Et L'exploitation Des Procédes Georges Claude** The time in which to enter the national phase has been extended to 03 Nov 2018 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

Extensions of Time, Section 223

2016

2016239987 **Solaire 2g** The time in which to enter the National Phase has been extended to 03 Nov 2018 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017

2017258178 **Lg Electronics Inc.** The time in which to enter the National Phase has been extended to 27 Dec 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017277861 **Drei Lilien Pvg Gmbh & Co. Kg** The time in which to enter the National Phase has been extended to 10 Feb 2019 . Address for service - Peter Maxwell & Associates PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2018

2018226427 **Cleverly, D.R.; Mukhopadhyay, D.** The time in which to request Examination has been extended to 18 Dec 2018 . Address for service - Dentons New Zealand Limited Level 27 PWC Tower 188 Quay Street Auckland 1010 NZ

2018264085 **Concave Global Pty Ltd** The time in which to make a further application for a divisional patent has been extended to 20 Nov 2018 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018279013 **Tata Consultancy Services Limited** The time in which to claim the convention priority date has been extended to 11 Jan 2019 . Address for service - IP SOLVED (ANZ) PTY. LTD. PO BOX R1791 ROYAL EXCHANGE NSW 1225 AU

2019

2019200080 **Neoculi Pty Ltd** The time in which to make a further application for a divisional patent has been extended to 27 Jan 2019 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2019200438 **NITROSET, LLC** The time in which to make a further application for a divisional patent has been extended to 17 Feb 2019 . Address for service - Adam Law Patent & Trade Mark Attorney 26 Glengariff Drive FLOREAT WA 6014 AU

Amendments

Applications for Amendment

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

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

2009

2009202135 Gaming device and method **Aristocrat Technologies, Inc.** The nature of the amendment is: Amend the name of the inventor to read WEISS, Steven A.; STONE, Jay and TEMPEST, Kim . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

Amendments

dress for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

2011

2011279559 Separator assembly **Australian Rig Construction Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014210897 Security devices and methods of manufacture thereof **De La Rue International Limited** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2019 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014210898 Security devices and methods of manufacture thereof **De La Rue International Limited** The nature of the amendment is as shown in the statement(s) filed 21 Dec 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2014331863 Substituted nucleosides, nucleotides and analogs thereof **Alios BioPharma, Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2014360452 Novel methods **Intra-Cellular Therapies, Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2015

2015294513 Use of visual cues to enhance bird repellent compositions **Arkion Life Sciences, LLC ; The United States of America, as represented by the Secretary of Agriculture** The nature of the amendment is as shown in the statement(s) filed 22 Jan 2019 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2016

2016207168 Quinazoline heterocyclic compound as EGFR kinase inhibitor, and preparation and application thereof **Beijing Scitech-MQ Pharmaceuticals Limited** The nature of the amendment is as shown in the statement(s) filed 02 Jan 2019 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016240764 STRUCTURED BODY HAVING HYDROPHOBIC SURFACE, AND METHOD FOR PRODUCING THE SAME **Toyo Seikan Group Holdings, Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Jan 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2016260680 Methods for the production of potassium sulphate from potassium-containing ores at high ambient temperatures **Yara Dal-Iol BV** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2019 . Address for service - Griffith Hack GPO Box 4164 SYDNEY NSW 2001 AU

2016293373 Safety rotor **The University of Queensland** The nature of the amendment is: Amend the name of the inventor to read

Amendments

Pounds, Pauline Edith Iyan . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2016323590 Power supply for welding and cutting apparatus **The ESAB Group, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2019 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017202391 SEAT SYSTEM FOR A VEHICLE **Bose Corporation** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2019 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 Collins Street West VIC 8007 AU

2017279607 AMORPHOUS FORM OF AN AKT INHIBITING PYRIMIDINYL - CYCLOPENTANE COMPOUND, COMPOSITIONS AND METHODS THEREOF **Genentech, Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2019 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd L 20 324 Queen ST Brisbane QLD 4000 AU

Amendments Made

2005

2005271355 **Meridian Medical Technologies, Inc.** The nature of the amendment is as shown in the statements filed 24 Jul 2018 and 26 September 2018

2012

2012267786 **Picker, L.; Oregon Health & Science University; Hansen, S.; Fruh, K.** The nature of the amendment is: Amend the name of the inventor to read Picker, Louis; Frueh, Klaus and Hansen, Scott

2012277951 **GALDERMA RESEARCH & DEVELOPMENT** The nature of the amendment is as shown in the statement filed 13 Sep 2018

2012342547 **Adverio Pharma GmbH** The nature of the amendment is as shown in the statement filed 07 Aug 2018

2014

2014236655 **Mars, Incorporated** The nature of the amendment is: Amend the name of the inventor to read Quest, Brad; Camire, Alex; Reiser, Ralf; Shields, Francis; Unlu, Emine; Willcocks, Neil; Zubair, Kasim; Bierer, Tiffany and Torney, Allan A.

2014349246 **Obschestvo S Ogranichennoi Otvetstvennostiyu "Pharmenterprises"** The nature of the amendment is as shown in the statement filed 09 Nov 2018

2014368992 **Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statements filed 13 Nov 2018

2014376225 **Amgen Inc.** The nature of the amendment is as shown in the statement filed 28 Aug 2018

Amendments

2015

2015223742 **Teijin Pharma Limited** The nature of the amendment is as shown in the statement filed 14 Nov 2018

2015227016 **Koch Membrane Systems, Inc.** The nature of the amendment is: Amend the priority details to read 61/949,639 07 Mar 2014 US

2015339764 **N2 Packaging Systems, LLC** The nature of the amendment is: Application is to proceed under the number 2015101950

2015369983 **Eli Lilly and Company** The nature of the amendment is as shown in the statement filed 17 Oct 2018

2016

2016202254 **Smart Infrastructure Asset Management Australia Research and Development Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2016102406

2016202731 **University of Technology Sydney** The nature of the amendment is: Amend the name of the inventor to read DONNELLY,Sheila; ROBINSON, Mark William; DALTON, John Pius and TO, Joyce

2016204097 **Mehr Medical LLC** The nature of the amendment is as shown in the statements filed 07 Nov 2018

2016256819 **Asana Biosciences, LLC** The nature of the amendment is as shown in the statements filed 10 Sep 2018 and 14 November 2018

2016262756 **Weatherford Technology Holdings, LLC** The nature of the amendment is as shown in the statements filed 12 Nov 2018 and 13 Nov 2018

2016302683 **Amgen Research (Munich) GmbH** The nature of the amendment is: Amend the name of the inventor to read Raum, Tobias; Kufer, Peter; Rau, Doris; Muenz, Markus; Herrmann, Ines; Hoffmann, Patrick; BROZY, Johannes; FRIEDRICH, Matthias; RATTEL, Benno; BOGNER, Pamela; WOLF, Andreas and POMPE, Cornelius

2016315309 **Liquid Vanity ApS** The nature of the amendment is: Amend the name of the inventor to read Nielsen, Dan Mønster and Jeppesen, Per Bendix

2016397532 **Deutsches Krebsforschungszentrum** The nature of the amendment is: Amend the name of the inventor to read Marchini, Antonio; Bonifati, Serena; Rommelaere, Jean and Li, Junwei

2016410253 **Apple Inc.** The nature of the amendment is: Amend the priority details to read 2016 70554 25 Jul 2016 PA and 62/348,896 11 Jun 2016 US

2016420291 **Sandon Qld Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Moffatt, Brendon Jay; Moffatt, Sandra Jaye; Freund, Daniel Peter and Conway Lamb, Christopher Graham

Amendments

2016420646 **Canon Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read Cartridge and Image Forming Apparatus

2017

2017202498 **Quanta Associates, L.P.** The nature of the amendment is: Amend the name of the inventor to read DEVINE, Clifford W. and O'Connell, Daniel N.

2017225019 **Kahrs, B.** The nature of the amendment is: Amend the invention title to read Pharmaceutical compositions comprising the PPAR agonist INT-131 and Nr2 activators

2017228608 **Otsuka Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statements filed 01 Nov 2018 and 8 Nov 2018

2017240040 **Butterfly Network, Inc.** The nature of the amendment is as shown in the statement filed 24 Jan 2019

2017254799 **Oregon Health & Science University** The nature of the amendment is: Amend the name of the inventor to read Picker, Louis; Hansen, Scott and Frueh, Klaus

2017256709 **Kapman AB** The nature of the amendment is as shown in the statement filed 24 Jan 2019

2017259748 **Universidad de la Habana; Centro de Investigación y Desarrollo de Medicamentos Cidem** The nature of the amendment is: Amend the name of the inventor to read Núñez Figueredo, Yanier; Wong Guerra, Maylin; Fonseca Fonseca, Luis Arturo; Garrido Suárez, Bárbara Beatriz; Ramírez Sánchez, Jeney; Pardo Andreu, Gilberto Lázaro; Verdecia Reyes, Yamila; Ochoa Rodríguez, Estael; Bárzaga Fernández, Pedro Gilberto; González Alfonso, Nicté; Delgado Hernández, René and Padrón Yaquis, Alejandro Saúl

2017267476 **Pentax of America, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2019

2017272336 **General Electric Company** The nature of the amendment is: Amend the invention title to read Multi layered display of artificial lift selection results by expert systems

2017280043 **Technip France** The nature of the amendment is: Amend the name of the inventor to read Yu, Chenteh Alan; Kyoung, Johyun; Sidarta, Djoni Eka and Lambrakos, Kostas F.

2017280369 **Tygrus, LLC** The nature of the amendment is as shown in the statement(s) filed 24 Jan 2019

2017281941 **Opiant Pharmaceuticals, Inc.; Aegis Therapeutics LLC** The nature of the amendment is: Amend the name of the inventor to read Crystal, Roger; Agrawal, Arvind and Maggio, Edward T.

2017285894 **Komatsu Forest AB** The nature of the amendment is as shown in the statement filed 14 Jan 2019

2017291543 **Kumiai Chemical Industry Co., Ltd.** The nature of the amendment is: Amend the invention title to read Transgenic plant having herbicide resistance

Amendments

2017294531 **Kurowski, K.; Ludwiczak, B.; Golebiewski, R.; Michalsk, M.; Karwasinski, Z.; Dziedziniwicz, M.; Malinowski, L.** The nature of the amendment is as shown in the statement(s) filed 06 Feb 2019

2017295442 **Rijksuniversiteit Groningen** The nature of the amendment is as shown in the statement filed 18 Jan 2019

2017296249 **H2 Water Technologies Ltd** The nature of the amendment is as shown in the statement(s) filed 04 Feb 2019

2017297138 **Joint Stock Company "BIOCAD"** The nature of the amendment is as shown in the statement filed 25 Jan 2019

2017300377 **Case Western Reserve University; University of Texas Southwestern Medical Center; University of Iowa Research Foundation** The nature of the amendment is: Amend the name of the inventor to read Markowitz, Sanford; Ready, Joseph and PIEPER, Andrew

2017302521 **Caterpillar Trimble Control Technologies LLC** The nature of the amendment is as shown in the statement filed 06 Feb 2019

2017304556 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement filed 01 Feb 2019

2017304971 **Nippon Steel & Sumitomo Metal Corporation; Dai-ichi High Frequency Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read Sugiyama, Kenji; Matsumoto, Nobuhiko; Harada, Ryuta; Saita, Kenji and Yamamoto, Takeshi

2017308598 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read HYBRID AUTOMATIC REPEAT REQUEST-ACKNOWLEDGMENT HARQ-ACK FEEDBACK METHOD AND APPARATUS

2017311062 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND DEVICE FOR SENDING SYSTEM INFORMATION

2017311764 **Tosho, Inc.** The nature of the amendment is: Amend the invention title to read Medicine feeder and tablet splitting apparatus

2017334966 **Sekisui Chemical Co., Ltd.** The nature of the amendment is: Amend the invention title to read PLANT, METHOD FOR PRODUCING PLANT, TOLERANCE IMPARTING METHOD, TOMATO AND METHOD FOR PRODUCING TOMATO

2017394429 **China University of Mining and Technology; Xuzhou Goldfluid Hydraulic Technology Development Co., Ltd** The nature of the amendment is: Amend the invention title to read AUTOMATIC STRAIGHTENING DEVICE AND METHOD FOR SCRAPER CONVEYOR ON FULLY-MECHANIZED COAL MINING FACE BASED ON TENSILE AND COMPRESSIVE FORCE SENSORS

2018

2018201253 **Magnum Magnetics Corp.** The nature of the amendment is: Amend the priority details to read 2016200401

Amendments

2018256622 **Horstman, J.** The nature of the amendment is: Amend the priority details to remove 2017903833

2018274935 **Obotics Inc.** The nature of the amendment is as shown in the statement filed 14 Jan 2019

2019

2019900165 **TIC Group Pty Ltd** The nature of the amendment is: Amend the invention title to read Desiccant recycling system

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

2000

2000023717 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2000042338 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2001

2001280698 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2001282944 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2002

2002341693 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2003

2003241510 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2003300884 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2004

2004223828 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2005

2005212405 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2005240622 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

Amendments

2005258887 Gareth Glass The name of the patentee has been altered to **E-Chem Technologies Ltd**

2005297112 Gareth Glass ; Adrian Roberts The name of the patentee has been altered to **E-Chem Technologies Ltd**

2006

2006224340 Gareth GLASS ; Adrian ROBERTS ; Nigel DAVISON The name of the patentee has been altered to **E-Chem Technologies Ltd**

2006233207 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2006233208 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2006235960 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2006298558 Adrian Roberts ; Gareth Glass ; Nigel Davison The name of the patentee has been altered to **E-Chem Technologies Ltd**

2007

2007205167 Luitpold Pharmaceuticals, Inc. The name of the patentee has been altered to **AMERICAN REGENT, INC.**

2007253998 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2007286222 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2008

2008268625 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2008284097 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2008284100 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2008343423 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2009

2009305218 Nigel Davison ; Adrian Roberts ; Gareth Glass The name of the patentee has been altered to **E-Chem Technologies Ltd**

Amendments

2010

2010201538 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2010319764 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2011

2011285890 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2013

2013206429 LUITPOLD PHARMACEUTICALS, INC. The name of the patentee has been altered to **AMERICAN REGENT, INC.**

2013231052 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2013260005 Bristol-Myers Squibb Holdings Ireland The name of the patentee has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company**

2013333673 Nigel Davison ; Adrian Roberts; Gareth Glass The name of the patentee has been altered to **E-Chem Technologies Ltd**

2013370495 Censio, Inc. The name of the applicant has been altered to **TrueMotion, Inc.**

2015

2015336311 IONS Pharmaceutical S.a.r.l. The name of the applicant has been altered to **Ankh Life Sciences Limited**

2016

2016205002 Luitpold Pharmaceuticals, Inc. The name of the applicant has been altered to **AMERICAN REGENT, INC.**

2017

2017200750 e2v Technologies (UK) Limited The name of the applicant has been altered to **Teledyne E2V (UK) Limited**

2017228681 Bristol-Myers Squibb Holdings Ireland ; Pfizer Inc. The name of the applicant has been altered to **Bristol-Myers Squibb Holdings Ireland Unlimited Company; Pfizer Inc.**

2017252252 Latitude Engineering, LLC The name of the applicant has been altered to **L3 Latitude, LLC**

2017268665 Aseptia, Inc. The name of the applicant has been altered to **HBC Holding Company, LLC**

2017291821 Aluma Safety, Inc. The name of the applicant has been altered to **Katana Safety, Inc.**

Amendments

2017303229 SICPA Holding SA The name of the applicant has been altered to **SICPA HOLDING SA**

2017304971 Dai-Ichi High Frequency Co., Ltd. The name of the applicant has been altered to **Nippon Steel & Sumitomo Metal Corporation; Dai-Ichi High Frequency Co., Ltd.**

2017394429 China University of Mining and Technology; Xuzhou Golden Maple Hydraulic Technology Development Co., Ltd The name of the applicant has been altered to **China University of Mining and Technology; Xuzhou Goldfluid Hydraulic Technology Development Co., Ltd**

2018

2018101829 Yeomans, Allam The name of the patentee has been altered to **Yeomans, A.**

2018202715 Luitpold Pharmaceuticals, Inc. The name of the applicant has been altered to **AMERICAN REGENT, INC.**

2018274842 Universidad Politecnica de Madrid; Plant Response Biotech SL The name of the applicant has been altered to **Universidad Politecnica de Madrid; PlantResponse Biotech, S.L.**

2018282441 Beijing Didi Infinity Technology and Development Co., Ltd. The name of the applicant has been altered to **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.**

2018904820 Start Smart Investment Pty Ltd The name of the applicant has been altered to **Start Smart Investments Pty Ltd**

2019

2019200535 Minimally Invasive Surgical Technologies, Inc. The name of the applicant has been altered to **Ahluwalia, P.; Ahluwalia, P.**

2019900358 ANSA Pty Ltd The name of the applicant has been altered to **E-Access Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) AbbVie Inc.
(11) AU-A-2017248487
(21) 2017248487 (22) 18.10.2017
(54) Methods for treating HCV
(51) Int. Cl.
A61K 31/498 (2006.01)
A61K 31/4184 (2006.01)
A61P 31/14 (2006.01)
(31) 15/667,212 (32) 02.08.17 (33) US
(43) 21.02.2019
(72) COLLINS, Christine; DUMAS, Emily O.; FU, Bo; GULATI, Abhishek; HU, Yiran Bonnie; KORT, Jens; KOSLOSKI, Matthew; KRISHNAN, Preethi; LEI, Yang; LIN, Chih-Wei; LIU, Ran; MENSA, Federico; NG, Iok Chan; PILOT-MATIAS, Tami; PUGATCH, David; RHEE, Susan; SHULMAN, Nancy S.; TRINH, Roger; VIANI, Rolado M.; WANG, Stanley; ZHANG, Zhenzhen
(74) Spruson & Ferguson

(71) Accenture Global Solutions Limited
(11) AU-A-2019200579
(21) 2019200579 (22) 30.01.2019
(54) CONSIGNMENT BOOKING APPARATUS, METHODS, AND SYSTEMS
(51) Int. Cl.
G06Q 50/00 (2012.01)
(43) 21.02.2019
(62) 2017239476
(72) GHATAGE, Prakash; SAMPAT, Nirav; VISWANATHAN, Kumar; DUBEY, Manisha; THANGARAJ, Naveen Kumar
(74) Murray Trento & Associates Pty Ltd

(71) Advanced Breath Diagnostics, LLC
(11) AU-A-2019200653
(21) 2019200653 (22) 31.01.2019
(54) Single-Point Gastric Emptying Breath Tests
(51) Int. Cl.
A61K 51/12 (2006.01)
A61K 49/00 (2006.01)
(43) 21.02.2019
(62) 2014240464
(72) Bush, Kerry C.
(74) WRAYS PTY LTD

(71) AG Centre Australia Pty Ltd
(11) AU-A-2018211337
(21) 2018211337 (22) 03.08.2018
(54) SYSTEMS, METHODS, APPARATUS AND USER INTERFACES FOR PROCESSING AGRICULTURAL COMMODITIES
(51) Int. Cl.
G06F 16/242 (2019.01)
G06F 16/24 (2019.01)

(31) 2017903091 (32) 04.08.17 (33) AU
(43) 21.02.2019
(72) Norton, Oswald Forbes
(74) Spruson & Ferguson

(71) AIRBUS DEFENCE AND SPACE GMBH
(11) AU-A-2018211293
(21) 2018211293 (22) 02.08.2018
(54) SYSTEM AND METHOD FOR DETERMINING THE POSITION OF A TRANSMITTING UNIT AND WATERCRAFT HAVING A SYSTEM FOR DETERMINING THE POSITION OF A TRANSMITTING UNIT
(51) Int. Cl.
G01S 5/12 (2006.01)
G01S 3/02 (2006.01)
(31) 10 2017 117 495.8 (32) 02.08.17 (33) DE
(43) 21.02.2019
(72) KITTMANN, Klaus; BURNS, Simon
(74) Collison & Co

(71) AIRBUS DEFENCE AND SPACE GMBH
(11) AU-A-2018211296
(21) 2018211296 (22) 02.08.2018
(54) SYSTEM AND METHOD FOR CALIBRATING A TRANSMITTING UNIT, AND WATERCRAFT COMPRISING A SYSTEM FOR CALIBRATING A TRANSMITTING UNIT
(51) Int. Cl.
G01S 5/12 (2006.01)
G01S 5/02 (2010.01)
(31) 10 2017 117 498.2 (32) 02.08.17 (33) DE
(43) 21.02.2019
(72) KITTMANN, Klaus; BURNS, Simon
(74) Collison & Co

(71) Albany Engineered Composites, Inc.
(11) AU-A-2019200780
(21) 2019200780 (22) 05.02.2019
(54) Circumferential stiffeners for composite fancases
(51) Int. Cl.
B29B 11/16 (2006.01)
F01D 25/24 (2006.01)
(43) 21.02.2019
(62) 2017265045
(72) Goering, Jonathan
(74) Griffith Hack

(71) Albany Engineered Composites, Inc.
(11) AU-A-2019200781
(21) 2019200781 (22) 05.02.2019
(54) Circumferential stiffeners for composite fancases
(51) Int. Cl.
B29B 11/16 (2006.01)

F01D 25/24 (2006.01)
(43) 21.02.2019
(62) 2017265045
(72) Goering, Jonathan
(74) Griffith Hack

(71) Allergan, Inc.
(11) AU-A-2019200684
(21) 2019200684 (22) 01.02.2019
(54) Compositions for skin exfoliation and use thereof
(51) Int. Cl.
A61K 31/07 (2006.01)
(43) 21.02.2019
(62) 2017254952
(72) Colvan, Lora; Mehta, Rahul; Sonti, Sujatha
(74) Davies Collison Cave Pty Ltd

(71) AMADEUS S.A.S.
(11) AU-A-2019200799
(21) 2019200799 (22) 06.02.2019
(54) Auditing system with historic sale deviation database
(51) Int. Cl.
G06Q 30/00 (2006.01)
(43) 21.02.2019
(62) 2017202139
(72) Pasquini, Ilaria; Cognet, Simon; Sandamiani, Anais; Lefouili, Mehdi; Aragone, Matteo
(74) Watermark Intellectual Property Pty Ltd

(71) Amylyx Pharmaceuticals Inc.
(11) AU-A-2019200658
(21) 2019200658 (22) 31.01.2019
(54) Compositions for improving cell viability and methods of use thereof
(51) Int. Cl.
A61K 31/19 (2006.01)
A61K 31/185 (2006.01)
A61K 31/195 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
(43) 21.02.2019
(62) 2014242123
(72) COHEN, Joshua B.; KLEE, Justin
(74) Davies Collison Cave Pty Ltd

(71) Angel Playing Cards Co., Ltd.
(11) AU-A-2019200787
(21) 2019200787 (22) 06.02.2019
(54) CARD DISPOSAL SYSTEM FOR TABLE GAME
(51) Int. Cl.
A63F 1/06 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 21.02.2019
(62) 2018200480
(72) Shigeta, Yasushi
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2019200621
(21) 2019200621 (22) 31.01.2019
(54) Device, method and, graphical user interface for navigating media content
(51) Int. Cl.
G06F 3/00 (2006.01)
(43) 21.02.2019
(62) 2017200632
(72) PENHA, Henrique D.; HWANG, Grace H.; CLARKE, Graham R.; BUTCHER, Gary I.; ALONZO RUIZ, Marcos; PIVONKA, Pavel; ROBBIN, Jeffrey L.; BACHMAN, William M.; KEIGHRAN, Benjamin W.; FOLSE, Jennifer L.C.; LOCHHEAD, Jonathan; HOWARD, Joe R.; MCGLINN, Joshua K.; CHEN, Elbert D.; SCHMITT, Brian A.; CHAUDHRI, Imran A.; IVE, Jonathan; DYE, Alan C.; WILSON, Christopher I.; WILLIAMS, Aled H.; BEBBINGTON, Samuel H.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2019200692
(21) 2019200692 (22) 01.02.2019
(54) Portable electronic device with interface reconfiguration mode
(51) Int. Cl.
G06F 3/048 (2006.01)
(43) 21.02.2019
(62) 2017201768
(72) ANZURES, Freddy A.; CHAUDHRI, Imran; CHRISTIE, Greg; FORSTALL, Scott; LEMAY, Stephen O.; ORDING, Bas; VAN OS, Marcel
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2019200698
(21) 2019200698 (22) 01.02.2019
(54) Flexible self-capacitance and mutual capacitance touch sensing system architecture
(51) Int. Cl.
G06F 3/041 (2006.01)
G06F 3/044 (2006.01)
(43) 21.02.2019
(62) 2016215616
(72) KRAH, Christoph H.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2019200701
(21) 2019200701 (22) 01.02.2019
(54) Devices and methods for processing touch inputs over multiple regions of a touch-sensitive surface
(51) Int. Cl.
G06F 3/0481 (2013.01)
G06F 3/041 (2006.01)

G06F 3/0488 (2013.01)
G06F 9/44 (2006.01)
(43) 21.02.2019
(62) 2016270042
(72) PAINE, Brittany D.; DRUMMOND, Jonathan E.; NIELSEN, Benjamin E.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2019200732
(21) 2019200732 (22) 04.02.2019
(54) Using context information to facilitate processing of commands in a virtual assistant
(51) Int. Cl.
G06F 17/28 (2006.01)
G06F 3/048 (2006.01)
(43) 21.02.2019
(62) 2017203847
(72) GRUBER, Thomas Robert; BRIGHAM, Christopher Dean; KEEN, Daniel S.; NOVICK, Gregory; PHIPPS, Benjamin S.
(74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
(11) AU-A-2019200634
(21) 2019200634 (22) 31.01.2019
(54) Trocar cannula assembly with low profile insertion configuration and method of manufacture
(51) Int. Cl.
A61B 17/34 (2006.01)
A61B 17/02 (2006.01)
A61B 17/94 (2006.01)
(43) 21.02.2019
(62) 2014233743
(72) PRAVONG, Boun; PRAVONGVI-ENGKHAM, Kennii; BOLANOS, Eduardo; VELASCO, Joel B
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2018204134
(21) 2018204134 (22) 08.06.2018
(54) COMPACT REMOVABLE DISPLAY HOIST
(51) Int. Cl.
B66F 11/00 (2006.01)
B66F 7/10 (2006.01)
G09F 19/00 (2006.01)
(31) 15/666,140 (32) 01.08.17 (33) US
(43) 21.02.2019
(72) URBAN, Bruce; EATMAN, Reginna; FIRMANI, Anthony; SKAARE, Max; SYLVIA, Paul R.; OLIVE, Scott; CURTIS, John; FRAWLEY, Thomas
(74) Griffith Hack

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B01D 63/02 (2006.01)
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B01L 3/00 (2006.01)
B65D 81/32 (2006.01)
C12M 1/34 (2006.01)
C12Q 1/68 (2006.01)
F16H 21/00 (2006.01)
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Medicale); Institut Jean Paoli & Irene
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B62D 53/00 (2006.01)
A63F 13/285 (2014.01)
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A61B 5/02 (2006.01)
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G06T 7/00 (2006.01)
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B65D 43/16 (2006.01)
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G06Q 40/06 (2012.01)
G07F 17/32 (2006.01)
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G06Q 50/34 (2012.01)
G06Q 20/00 (2012.01)
G06Q 90/00 (2006.01)
G07F 17/32 (2006.01)
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AND A PLURALITY OF FUNDING SOURCES
(51) Int. Cl.
G06Q 50/34 (2012.01)
G06Q 20/36 (2012.01)
G07F 17/32 (2006.01)
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 Yu, Guanghui
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2017232096	CRRC SHENYANG CO., Ltd.	2018271266	O'Brien, K.M.
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2018208759	Lai, C.C.		
2018208770	Baker, M.; Baker, D.; New Zealand Trustee Services Limited	2019200606	ATI Properties, Inc.
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2018208771	Baker, M.; Baker, D.; New Zealand Trustee Services Limited	2019200608	Herman Miller, Inc.
		2019200611	Aristocrat Technologies Australia Pty Limited
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 A61F 2/00 (2006.01)
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 A61B 17/00 (2006.01)
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G02B 27/10 (2006.01)
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A23L 3/005 (2006.01)
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B65D 47/24 (2006.01)
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B65D 85/804 (2006.01)
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B65D 85/804 (2006.01)
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A47J 31/06 (2006.01)
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(54) System, apparatus, method, capsule and kit of capsules for preparing a beverage
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A01N 47/30 (2006.01)
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(74) Patentec Patent Attorneys
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(51) Int. Cl.
G01N 1/22 (2006.01)
G01F 1/34 (2006.01)
G01F 1/76 (2006.01)
G01N 1/02 (2006.01)
G01N 1/24 (2006.01)
G01N 1/28 (2006.01)
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(74) Cotters Patent & Trade Mark Attorneys
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G01N 33/94 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2017305239 (22) 01.08.2017
 (54) Compositions comprising 5-cholesten-3, 25-diol, 3-sulfate (25HC3S) or pharmaceutically acceptable salt thereof and at least one cyclic oligosaccharide
 (51) Int. Cl.
C07J 31/00 (2006.01)
C07C 401/00 (2006.01)
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A01N 1/02 (2006.01)
A61K 31/575 (2006.01)
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F28D 21/00 (2006.01)
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F04D 29/00 (2006.01)
B01D 29/00 (2006.01)
B01D 39/00 (2006.01)
B01F 7/04 (2006.01)
B02C 13/00 (2006.01)
F04D 7/04 (2006.01)
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E21B 47/12 (2006.01)
G02B 6/44 (2006.01)
H02G 1/08 (2006.01)
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E21B 33/127 (2006.01)
E21B 33/124 (2006.01)
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B61H 15/00 (2006.01)
F16D 65/74 (2006.01)
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B65D 5/42 (2006.01)
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A61B 17/72 (2006.01)
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G01L 3/16 (2006.01)
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C12Q 1/68 (2018.01)
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 (74) Davies Collison Cave Pty Ltd
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PCT applications which have entered the National Phase - Name Index cont'd

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A61K 38/46 (2006.01)
C12N 9/14 (2006.01)
C12N 9/16 (2006.01)
C12N 15/09 (2006.01)
C12N 15/11 (2006.01)
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A23K 20/174 (2016.01)
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(31) 15/226,297 (32) 02.08.16 (33) US
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(74) Davies Collison Cave Pty Ltd

- (71) Yamasee Ltd.
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(54) Method and system for obtaining and presenting turbulence data via communication devices located on airplanes
(51) Int. Cl.
B64D 43/00 (2006.01)
B64D 45/00 (2006.01)
G01C 21/20 (2006.01)
G01S 5/02 (2006.01)
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A61K 9/20 (2006.01)
A61K 31/045 (2006.01)
A61K 31/4152 (2006.01)
A61K 47/12 (2006.01)
A61K 47/26 (2006.01)
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A61P 9/10 (2006.01)
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(54) System and method for facilitating setup and joining of conference calls
(51) Int. Cl.
H04M 3/50 (2006.01)
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2016395951	Austin Star Detonator Company	2017292516	Kawasaki Jukogyo Kabushiki Kaisha
2016412742	GD Midea Heating & Ventilating Equipment Co., Ltd.; Midea Group Co., Ltd.	2017292629	Sleepnet Corporation
2016412933	Troendle, J.B.; Qifeng, M.	2017292667	The Johns Hopkins University
2016413381	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017292758	Bristol-Myers Squibb Company
2016413657	Hewlett-Packard Development Company, L.P.; Purdue Research Foundation	2017292772	The Johns Hopkins University
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2016416626	Siemens Aktiengesellschaft	2017292912	Impulse Downhole Solutions Ltd.
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2016417262	Telefonaktiebolaget LM Ericsson (publ)	2017293103	Sanofi
2016417377	Nomen Calvet, J.; Hanganu, D.; WGA Water Global Access, S.L.	2017293209	Kumiai Chemical Industry Co., Ltd.
2016417702	Bharat Serums and Vaccines Ltd	2017293417	Cambridge Enterprise Limited
2016418336	Johnson & Johnson Surgical Vision Inc.	2017293644	Campbell, R.
2016418338	Johnson & Johnson Surgical Vision, Inc.	2017293748	Dongbang Medical Co., Ltd.
2016418350	Colgate-Palmolive Company	2017293773	The Johns Hopkins University
2016418505	Colgate-Palmolive Company	2017293780	Building Block Nutritionals, LLC
2016418599	Parcitant, S.a.	2017293841	Drylet, LLC
2016419048	The Council of the Queensland Institute of Medical Research	2017293847	Rheem Manufacturing Company
2016419709	Qingdao Haier Joint Stock Co., Ltd	2017293994	Patentselskabet AF 24. November 2017 APS
2016419848	Westinghouse Air Brake Technologies Corporation	2017294107	S.A. Lhoist Recherche et Developpement
2016420000	Saroj Vanijya Private Limited	2017294109	S.A. Lhoist Recherche et Developpement
2016420618	Volter Oy	2017294120	Gustav Paulig Ltd
2016420645	Canon Kabushiki Kaisha	2017294133	Reckitt Benckiser (Brands) Limited
2016420646	Canon Kabushiki Kaisha	2017294148	Salunda Limited
2016420899	Japan Blue Energy Co., Ltd.; Tokyo University of Science Foundation	2017294424	ThyssenKrupp Marine Systems GmbH; ThyssenKrupp AG
2016421246	TTI (Macao Commercial Offshore) Limited	2017294512	Welltec Oilfield Solutions AG
2016422515	Microsoft Technology Licensing, LLC.	2017294555	CSL Behring Lengnau AG
2016424859	Halliburton Energy Services, Inc.	2017294559	S.A. Lhoist Recherche et Developpement
2016425662	Landmark Graphics Corporation	2017294579	Lomax Group Pty Ltd
2016425663	Landmark Graphics Corporation	2017294712	Yamasee Ltd.
2016426355	Synergia Medical	2017294787	Riley, L.
2016427727	Mitsubishi Electric Corporation	2017294788	Superior Pak Holdings Pty Ltd
2016428407	Panasonic Intellectual Property Corporation of America	2017295074	Luxembourg Institute of Science and Technology (LIST)
2016431712	Taiyuan University of Technology	2017295096	NTT DoCoMo, Inc.
2016432045	Robert Bosch GmbH	2017295424	Kim, J.; Kim, M.
2017258178	LG Electronics Inc.	2017295628	Nanjing Innocare Pharma Tech Co., Ltd.
2017277861	Drei Lilien PVG GmbH & Co. KG	2017295883	Sperovie Biosciences, Inc.
2017280105	Incoming Pty Ltd	2017295898	Salk Institute for Biological Studies; Tsunekawa, Y.
2017286868	Pfizer Inc.	2017296039	The Board of Regents of the University of Texas System
2017286887	PayPal, Inc.	2017296088	Galenica S.A.; EnergonBio Technologies S.A.
2017286891	Paypal, Inc.	2017296100	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
2017287018	Fundi Software Pty Ltd	2017296127	Haygain Ltd
2017287536	Kyowa Hakko Kirin Co., Ltd.	2017296208	The University of North Carolina at Chapel Hill
2017287793	Gallagher Group Limited	2017296249	H2 Water Technologies Ltd
2017287987	Asahi Group Holdings, Ltd.; Tokushima University	2017296286	Apex Biomedical Company, LLC
2017287988	Asahi Group Holdings, Ltd.; Tokushima University	2017296352	Opko Biologics Ltd.
2017287989	Asahi Group Holdings, Ltd.; Tokushima University	2017296469	The Yokohama Rubber Co., Ltd.
2017288569	Devenish Nutrition Limited	2017296534	Superior Pak Holdings Pty Ltd
2017290143	Durect Corporation; Santen Pharmaceutical Co., Ltd.	2017297403	DJO Global, Inc.
2017290179	Wuhan TTium Motor Technology Co., Ltd.	2017297408	Emulate, Inc.
2017290912	Gade, S.; Pillai, A.; Nair, A.	2017297506	Bristol-Myers Squibb Company
2017291265	Möve Bikes GmbH	2017297575	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2017291543	Kumiai Chemical Industry Co., Ltd.	2017297605	SurgiBox Inc.
2017291630	Heineken Supply Chain B.V.	2017297977	Fisher and Paykel Healthcare Limited
2017291632	Callidus Capital B.V.	2017298017	Nucleotrace Pty. Ltd.
2017291773	Hamlet Protein A/S	2017298225	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2017291812	The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation	2017298298	President and Fellows of Harvard College
2017291859	Siemens Aktiengesellschaft	2017298302	Catalyst OrthoScience Inc.
		2017298469	Bodor Laboratories, Inc.
		2017298565	University of Utah Research Foundation; The Walter and Eliza Hall Institute of Medical Research

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2017298614	Well-SENSE Technology Limited	2017305404	Editas Medicine, Inc.
2017299061	Schülke & Mayr GmbH	2017305417	GeoQuest Systems B.V.
2017299238	Radwisp Pte.Ltd.	2017305418	Hubbell Incorporated
2017299362	Meso Scale Technologies, LLC.	2017305437	Liquidpower Specialty Products, Inc.; Micropowders, Inc.
2017299458	Scientia Vascular, LLC	2017305520	The General Hospital Corporatin
2017299504	United States Gypsum Company	2017305577	University of Washington
2017300264	Corning Research & Development Corporation	2017305613	Inforock S.I.
2017300354	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2017305647	Intelligent Electric Motor Solutions Pty Ltd
2017300359	Tyber Medical LLC	2017305682	Gionas S.r.l.
2017300384	NuVasive, Inc.	2017305737	Sony Interactive Entertainment Inc.
2017300419	Ishida Co., Ltd.	2017305765	Angel Playing Cards Co., Ltd.
2017300493	Endotronix, Inc.	2017305901	Nisshin Steel Co., Ltd.
2017300579	VIB vzw; Katholieke Universiteit Leuven, K.U.Leuven R&D	2017305944	3M Innovative Properties Company
2017300885	Precision Planting LLC	2017305946	The Feinstein Institute for Medical Research
2017300978	Amsellem, M.; Amsalem, Y.	2017305950	Geron Corporation
2017301024	Mara Renewables Corporation	2017305972	Zinpro Corporation
2017301095	Haemokinesis Pty. Ltd.	2017306058	Geopolymer Solutions LLC
2017301105	ENE-HUB PTY LTD	2017306140	Virginia Commonwealth University; Durect Corporation
2017301114	TMA Capital Australia Pty Ltd	2017306162	Kemira Oyj
2017301117	Macfarlane Burnet Institute for Medical Research and Public Health Limited	2017306255	LG Electronics Inc.
2017301609	Bluebird Bio, Inc.	2017306268	Youmail, Inc.
2017301624	AdvanSix Resins & Chemicals LLC	2017306279	Georgia-Pacific Gypsum LLC
2017301674	HBL Holdings, LLC	2017306411	Becker, T.; Conroy, T.; Langton, D.; Patstone, C.
2017301901	Ohio State Innovation Foundation	2017306487	Shandong Luye Pharmaceutical Co., Ltd.
2017301907	Ohio State Innovation Foundation	2017306522	Koninklijke Douwe Egberts B.V.
2017301930	United States Gypsum Company	2017306523	Koninklijke Douwe Egberts B.V.
2017301941	Saove, M.	2017306524	Koninklijke Douwe Egberts B.V.
2017301997	etaEM GmbH	2017306525	Koninklijke Douwe Egberts B.V.
2017302049	McNiven, S.; Von Oepen, R.; Xie, Y.; Valencia, F.; Salvador, K.	2017306528	3DEO, Inc.
2017302132	Alcediag	2017306546	Amgen Inc.
2017302181	Fonterra Co-Operative Group Limited	2017306549	Yale University
2017302225	Obshchestvo S Ogranichennoj Otvetstvennostyu "avianovatsii"	2017306557	Dipersio, J.; Cooper, M.
2017302283	Tyco Fire Products LP	2017306558	University of South Florida
2017302286	Albert, M.; Binder, L.; Band-Lok, LLC	2017306560	NextCure, Inc.
2017302394	Innosparks Pte Ltd	2017306572	Axis Innovation Pty Ltd
2017302521	Caterpillar Trimble Control Technologies LLC	2017306578	Royal Melbourne Institute of Technology
2017302552	PPJ, LLC	2017306580	Hudson Institute of Medical Research; Monash University
2017302800	Nuctech Company Limited	2017306588	Université de Montréal
2017303010	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2017306658	Poly Medicure Limited
2017303176	Toppan Printing Co., Ltd.	2017306692	Arrowhead Pharmaceuticals, Inc.
2017303402	Bayer Aktiengesellschaft	2017306694	Marsh, S.A.
2017303597	Ube Industries, Ltd.	2017306778	Nokia Technologies Oy
2017303598	Ube Industries, Ltd.	2017306899	De' Longhi Appliances S.r.l.
2017303678	Haulotte Group	2017306931	Kietta
2017303905	Tohoku University; Life Science Institute, Inc.	2017307058	DownUnder GeoSolutions Pty Ltd
2017303944	The Fourth Military Medical University; Shanghai Gene-Chem Co., Ltd.	2017307067	Northrop Grumman Systems Corporation
2017304029	Hanmi Pharm. Co., Ltd.	2017307115	Jiangsu University
2017304097	Ferag AG	2017307341	Metabolys
2017304219	Ascend Biopharmaceuticals Ltd	2017307401	Amplifon S.p.A.
2017304307	Panasonic Intellectual Property Management Co., Ltd.	2017307424	Bayer CropScience Aktiengesellschaft
2017304556	Samsung Electronics Co., Ltd.	2017307506	Greyrock Energy, Inc.
2017304609	Talga Advanced Materials GmbH	2017307558	Titan Spine, Inc.
2017304876	Costa d'Oro S.p.A.	2017307602	JUUL Labs, Inc.
2017304894	Chan, K.	2017307618	Mayo Foundation for Medical Education and Research
2017304949	Taipei Medical University	2017307640	Weir Minerals Australia Ltd
2017305029	NTT DoCoMo, Inc.	2017307641	Corex Plastics (Australia) Pty Ltd
2017305160	Jetoptera, Inc.	2017307642	Australian Mud Company Pty Ltd
2017305239	Virginia Commonwealth University; Durect Corporation	2017307685	IHI Corporation; Osaka City University
2017305260	Sony Corporation	2017307763	Angel Playing Cards Co., Ltd.
2017305303	Gilead Sciences, Inc.	2017307907	Koninklijke Douwe Egberts B.V.
2017305305	Durect Corporation	2017307908	Koninklijke Douwe Egberts B.V.
2017305307	KW Container	2017307909	Koninklijke Douwe Egberts B.V.
2017305345	President and Fellows of Harvard College	2017307925	Storopack Hans Reichenecker GmbH
2017305392	Cymabay Therapeutics, Inc.	2017307955	Koninklijke Douwe Egberts B.V.
2017305396	NantCell, Inc.; Nant Holdings IP, LLC	2017307956	Koninklijke Douwe Egberts B.V.
		2017307957	Koninklijke Douwe Egberts B.V.
		2017307958	Koninklijke Douwe Egberts B.V.
		2017308059	Inuuity, Inc.
		2017308212	Pellion Technologies, Inc.
		2017308230	ALT Innovations LLC

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2017308633	Geo Fossil Fuels, LLC	2017313452	Brown, P.; McLean, R.
2017308688	Huawei Technologies Co., Ltd.	2017313622	Scholle IPN IP B.V.
2017308749	Contrast, Inc.	2017313628	Fisher & Paykel Healthcare Limited
2017308757	Boston Scientific Scimed, Inc.	2017313646	Singapore Health Services Pte Ltd
2017308830	Signum Biosciences, Inc.	2017314055	Kesseböhmer Holding KG
2017308847	Monsanto Technology LLC	2017314185	Hou, F.; Goode, C.; Dong, J.; Wang, Y.; Hu, B.
2017308864	Intrabio Limited	2017314560	Toray Industries, Inc.
2017308865	Intrabio Limited	2017314724	Jack-Pack AS
2017308909	InterDigital Patent Holdings, Inc.	2017314763	Commonwealth Scientific and Industrial Research Organisation
2017309199	Eli Lilly and Company	2017315024	Siemens Aktiengesellschaft
2017309302	Sandoz AG	2017315238	Oxford University Innovation Limited
2017309310	Teleflex Lifesciences; McBurney, D.	2017315246	Fuchs Petrolub SE
2017309313	River Stone Biotech, LLC	2017316136	Novelis Inc.
2017309374	FLSmidth A/S	2017316185	Satori Worldwide, LLC
2017309375	FLSmidth A/S	2017316505	Dometic Sweden AB
2017309725	Bayer CropScience Aktiengesellschaft	2017316661	Illumina, Inc.
2017309843	STIKBOX TECHNOLOGIES LIMITED	2017316712	BlueSky Solutions Limited
2017309925	Huawei Technologies Co., Ltd.	2017316727	DePuy Synthes Products, Inc.
2017309957	Glanbia Ireland DAC	2017316756	Janssen Pharmaceutica NV
2017310036	Linde Aktiengesellschaft	2017316907	Sumitomo Chemical Company, Limited
2017310401	IDAC Holdings, Inc.	2017316908	Sumitomo Chemical Company, Limited
2017310412	Amgen Inc.; The Washington University	2017316909	Sumitomo Chemical Company, Limited
2017310506	Adamis Pharmaceuticals Corporation	2017316910	Sumitomo Chemical Company, Limited
2017310563	University of Durham	2017316911	Sumitomo Chemical Company, Limited
2017310704	Seiko Epson Corporation	2017317201	BioControl Systems, Inc.
2017310722	Organ Technologies Inc.; Riken	2017317524	Aldeyra Therapeutics, Inc.
2017310785	Spiber Inc.	2017317529	Aldeyra Therapeutics, Inc.
2017310912	Beijing 7Invensun Technology Co., Ltd.	2017317646	Bracco Suisse SA
2017311016	Colgate-Palmolive Company	2017317950	Yantai Yenepharm Co., Ltd.
2017311062	Huawei Technologies Co., Ltd.	2017317988	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2017311070	Huawei Technologies Co., Ltd.	2017318401	Nestec S.A.
2017311089	Legend Biotech Ireland Limited	2017318576	CA Casyso GmbH; Hillman, R.
2017311105	Li-Cor, Inc.	2017318589	MasterCard International Incorporated
2017311109	Li-Cor, Inc.	2017318590	Lucas, K.
2017311113	Jetoptera, Inc.	2017319318	Tiziana Life Sciences plc
2017311115	Dishcraft Robotics, Inc.	2017320225	Robert Bosch GmbH
2017311190	Klingspor AG	2017320272	Sony Corporation
2017311195	PRC-DeSoto International, Inc.	2017320617	Chr. Hansen Natural Colors A/S
2017311203	A.L.M Holding Company; Ergon Asphalt & Emulsions, Inc.	2017320685	Sony Corporation
2017311220	C.R. Bard, Inc.	2017320858	PepsiCo, Inc.
2017311399	Corning Optical Communications LLC	2017321011	Eli Lilly and Company
2017311507	OMNI Solutions LLC	2017321016	Theravance Biopharma R&D IP, LLC
2017311512	Aurelius Biotherapeutics, LLC	2017321118	Arthrex, Inc.
2017311541	Navigo Proteins GmbH	2017321326	Novus International Inc.
2017311566	Janssen Biopharma, Inc.	2017321920	Samsung Electronics Co., Ltd.
2017311575	4C Medical Technologies, Inc.	2017322216	Targus International LLC
2017311576	MasterCard International Incorporated	2017322523	Fred Hutchinson Cancer Research Center; Blaze Bioscience, Inc.
2017311577	4C Medical Technologies, Inc.	2017324072	Apple Inc.
2017311582	4C Medical Technologies, Inc.	2017325796	Qualcomm Incorporated
2017311608	Makuri Technology Pte. Ltd.	2017325825	Butterfly Network, Inc.
2017311764	Tosho, Inc.	2017325910	Alar Pharmaceuticals Inc.
2017311852	Royal Melbourne Institute of Technology	2017325993	Wright Medical Technology, Inc.
2017311855	Crown Melbourne Limited	2017326152	Oceaneering International, Inc.
2017311876	Organ Technologies, Inc.; Riken; National University Corporation Okayama University	2017326168	E. I. Du Pont De Nemours and Company
2017312049	Janssen Biotech, Inc.	2017326400	F. Hoffmann-La Roche AG
2017312101	Ecolab USA Inc.	2017326485	Janssen Pharmaceutica NV
2017312291	RUD Ketten Rieger & Dietz GmbH u. Co. KG	2017326568	Nestec S.A.
2017312441	AvaSure, LLC	2017326590	Siemens Mobility GmbH
2017312454	Veltek Associates, Inc.	2017327539	Boehringer Ingelheim International GmbH
2017312544	Westrock Packaging Systems, LLC	2017328017	Qualcomm Incorporated
2017312606	Plastipak Packaging, Inc.	2017328040	Qualcomm Incorporated
2017312712	Aerie Pharmaceuticals, Inc.	2017328999	Novartis AG
2017312764	Covidien LP	2017329207	E.ON Sverige AB
2017312974	EpimAb Biotherapeutics, Inc.	2017329461	NV Michel Van De Wiele
2017313064	The University of North Carolina at Chapel Hill	2017330209	Apple Inc.
2017313146	Robert Bosch GmbH	2017330249	Shop Vac Corporation
2017313150	Regeneron Pharmaceuticals, Inc.		
2017313298	Robert Bosch GmbH		

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2017330346	NextCure, Inc.
2017330405	Genentech, Inc.
2017330448	Qualcomm Incorporated
2017330566	Gas Technology Institute
2017331252	Health Equity Labs
2017331369	The Procter & Gamble Company
2017331428	GA Generic Assays GmbH
2017331556	Novartis AG
2017331571	Nova Chemicals (International) S.A.
2017332332	Electrolux Appliances Aktiebolag
2017332666	Konami Gaming, Inc.
2017332762	Qualcomm Incorporated
2017333695	Creanova Universal Closures Ltd.
2017333723	USM Holding AG; Accuride International GmbH
2017334966	Sekisui Chemical Co., Ltd.
2017335874	Lumendi Ltd.
2017336291	Nestec S.A.
2017336292	Nestec S.A.
2017336906	MasterCard International Incorporated
2017337721	Urof, Inc.
2017338154	Komatsu Ltd.
2017339683	Landmark Graphics Corporation
2017340597	Chevron U.S.A. Inc.
2017340753	Mox Networks, LLC
2017343366	Fisher & Paykel Healthcare Limited
2017345039	Northrop Grumman Systems Corporation
2017345050	Northrop Grumman Systems Corporation
2017346937	VAP Australia Pty Ltd
2017351481	Nestec S.A.
2017351483	Nestec S.A.
2017351739	Coalfields Engineering Pty Ltd
2017355023	Gree Electric Appliances, Inc. of Zhuhai
2017356010	MasterCard International Incorporated
2017358264	Institute of Genetics and Developmental Biology, Chinese Academy of Sciences
2017360358	MasterCard International Incorporated
2017365191	Borealis AG
2017369607	Carl Zeiss Vision International GmbH
2017380305	LG Electronics Inc.
2017394444	Beijing Dongfang Biotech Co., Ltd.
2017395200	Nano Frontier Technology Co., Ltd.
2017397651	Google LLC
2017400814	Taiyuan University of Technology
2017418044	Soochow University
2018258752	Xiamen University
2018282526	Grow Solutions Tech LLC
2018283309	Gates Corporation
2018283856	Grow Solutions Tech LLC
2018290161	NEC Platforms, Ltd.
2018298508	Huawei Technologies Co., Ltd.
2018301903	Siren Cameras Pty Ltd

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<u>A01B 71 /-</u>	<u>A01N 35 /-</u>	<u>A23K 20 /-</u>	<u>A45D 44 /-</u>	2017300359	<u>A61H 1 /-</u>
2017300885	2017293209	2017293841	2017337721	2017300384	2017308230
<u>A01B 79 /-</u>	<u>A01N 37 /-</u>	2017305972	<u>A45F 3 /-</u>	2017302286	<u>A61J 3 /-</u>
2017300885	2017293209	<u>A23K 50 /-</u>	2016309958	2017311575	2017311764
<u>A01C 5 /-</u>	<u>A01N 43 /-</u>	2016415998	<u>A47B 3 /-</u>	2017311582	<u>A61K 31 /-</u>
2017300885	2017293209	2017293841	2016309958	2017316727	2017286868
2017351739	2017307424	2017305972	<u>A47B 37 /-</u>	<u>A61B 34 /-</u>	2017287536
<u>A01C 7 /-</u>	2017309725	<u>A23L 13 /-</u>	2017311855	2017316727	2017288569
2018282526	2017316910	2017288569	<u>A47B 88 /-</u>	<u>A61B 46 /-</u>	2017290143
<u>A01D 69 /-</u>	2017316911	<u>A23L 17 /-</u>	2017314055	2017297605	2017291812
2016421246	<u>A01N 47 /-</u>	2016415998	2017333723	<u>A61B 5 /-</u>	2017292758
<u>A01G 31 /-</u>	2017316907	<u>A23L 2 /-</u>	<u>A47C 4 /-</u>	2017296039	2017292776
2016418599	2017316908	2017320858	<u>A47G 19 /-</u>	2017300384	2017295628
2017334966	2017316909	2017326568	2016309958	2017300493	2017296088
<u>A01G 7 /-</u>	<u>A01P 1 /-</u>	<u>A23L 23 /-</u>	2017311115	2017305520	2017298469
2017334966	<u>A01P 13 /-</u>	2017320617	<u>A47J 31 /-</u>	2017307401	2017299061
<u>A01G 9 /-</u>	2017293209	2017351481	2017306522	2017311852	2017302181
2016418599	2017307424	2017351483	2017306523	2017312764	2017304029
<u>A01H 1 /-</u>	2017316909	<u>A23L 27 /-</u>	2017306524	<u>A61B 6 /-</u>	2017304219
2017291543	2017316910	2017351481	2017306525	2017299238	2017305303
<u>A01H 5 /-</u>	<u>A01P 3 /-</u>	<u>A23L 3 /-</u>	2017306899	<u>A61B 8 /-</u>	2017305305
2016416782	2017316911	2017304876	2017307907	2017325825	2017305392
2017291543	<u>A23C 11 /-</u>	<u>A23L 33 /-</u>	2017307908	<u>A61B 90 /-</u>	2017305950
2017334966	2017295424	2017287987	2017307909	2017316727	2017306140
<u>A01K 5 /-</u>	<u>A23C 9 /-</u>	2017287988	2017307955	<u>A61C 13 /-</u>	2017306487
2017296127	2017287987	2017287989	2017307956	2017305944	2017306588
<u>A01K 97 /-</u>	2017287988	2017288569	2017307957	<u>A61C 8 /-</u>	2017307341
2018301903	2017287989	2017291773	2017307958	2017311876	2017308830
<u>A01N 1 /-</u>	2017302181	2017293780	<u>A47J 42 /-</u>	<u>A61F 2 /-</u>	2017308864
2017306140	2017309957	2017296249	2017294120	2017293748	2017308865
<u>A01N 25 /-</u>	<u>A23D 9 /-</u>	2017326568	<u>A47L 5 /-</u>	2017296039	2017309199
2017307424	2017304876	2017320617	2017330249	2017297403	2017309302
2017308847	2017351481	<u>A23L 7 /-</u>	<u>A47L 9 /-</u>	2017298302	2017310506
<u>A01N 31 /-</u>	<u>A23F 5 /-</u>	2017326568	2017306255	2017302049	2017310563
2017299061	2017294120	<u>A23N 12 /-</u>	2017330249	2017307558	2017311566
2017308847	2017295424	2017294120	2017380305	2017311575	2017312712
<u>A01N 33 /-</u>	<u>A23J 3 /-</u>	<u>A23P 10 /-</u>	<u>A61B 1 /-</u>	2017311577	2017313307
2017293209	2017291773	2017351483	2017312764	2017311582	2017314560
	<u>A23K 10 /-</u>	<u>A24F 47 /-</u>	2017335874	2017331556	2017316756
	2016415998	2017307602	<u>A61B 17 /-</u>	<u>A61G 7 /-</u>	2017317524
	2017288569	2017311855	2017293748	2017302552	2017317529
	2017291773		2017296039		2017317950
	2017293841		2017296286		2017317988
					2017321011
					2017321016
					2017325910
					2017326400
					2017327539
					2017328999
					2017336291
					2017336292
					<u>A61K 33 /-</u>
					2017296249
					2017301907
					<u>A61K 35 /-</u>
					2017287987
					2017287988
					2017287989
					2017296208
					2017298298
					2017301901

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2017303905	<u>A61K 48 /-</u>	<u>A61M 16 /-</u>	<u>A61P 25 /-</u>	<u>A61P 7 /-</u>	<u>A63F 11 /-</u>
2017303944					
2017305305	2017287536	2017297977	2017286868	2017287988	2017311855
2017306557	2017292667	2017307602	2017291812	2017288569	
2017306580	2017292772	2017313628	2017302181	2017291812	<u>A63F 3 /-</u>
	2017293773	2017343366	2017306487	2017294555	
<u>A61K 36 /-</u>	2017301901		2017306558	2017298298	2017305765
	2017304949	<u>A61M 25 /-</u>	2017308864	2017317988	
2017291773	2017305396		2017308865	2017394444	<u>A63F 9 /-</u>
2017305682	2017305404	2017299458	2017314560		
	2017306692	2017302049	2017325910	<u>A61P 9 /-</u>	2017305765
<u>A61K 38 /-</u>	2017313064	2017306658	2017336291		2017332666
		2017311220	2017336292		
2016419048	<u>A61K 49 /-</u>			2017303905	<u>A63H 17 /-</u>
2017292667		<u>A61M 37 /-</u>	<u>A61P 27 /-</u>	2017317950	
2017292772	2017305577			2017317988	2017305737
2017293773	2017317646	2016417702	2017290143	2017321016	
2017294555		2017296039	2017293773	2017394444	<u>B01D 29 /-</u>
2017298565	<u>A61K 51 /-</u>		2017306487	<u>A61Q 11 /-</u>	
2017304219		<u>A61M 39 /-</u>	2017313064		2017307640
2017306549	2017312974			2016418350	<u>B01D 3 /-</u>
2017306558	<u>A61K 8 /-</u>	2017306658	<u>A61P 3 /-</u>	2017311016	
2017306580		2017318576			2017310036
2017307618		<u>A61M 5 /-</u>	2017287989	<u>A61Q 17 /-</u>	
2017311512	2016418350		2017313646		<u>B01D 39 /-</u>
2017313646	2016418505	2016417702	2017326485	2017299061	
2017322523	2017298469	2017306658	2017394444	2017301907	2017307640
	2017299061				
<u>A61K 39 /-</u>	2017311016	<u>A61N 1 /-</u>	<u>A61P 31 /-</u>	<u>A61Q 19 /-</u>	<u>B01D 53 /-</u>
	2017337721				
2017293103	<u>A61K 9 /-</u>	2016426355		2016418505	2016420899
2017295883		2017296039	2016419048	2017337721	2017310036
2017301901	2017292776		2017310563		
2017305345	2017296249	<u>A61N 2 /-</u>	2017311566	<u>A62B 17 /-</u>	<u>B01D 61 /-</u>
2017305396	2017304029		2017326400		
2017306558	2017305345	2017296039	<u>A61P 33 /-</u>	2017292629	2017309957
2017306560	2017309302			<u>A62D 1 /-</u>	<u>B01D 9 /-</u>
2017307618	2017317646	<u>A61N 5 /-</u>	2016419048		
2017310412	2017317950		<u>A61P 35 /-</u>	2017302283	2017301024
2017311089	2017319318	2016426355			
2017312049	2017322523	<u>A61P 1 /-</u>	2016419048	<u>A63B 21 /-</u>	<u>B01F 7 /-</u>
2017312974	2017325910		2017291812		
2017313646	2017331369	2017309199	2017292667	2017293994	2017307640
2017319318		2017328999	2017292772	<u>A63B 23 /-</u>	<u>B01J 10 /-</u>
2017330346	<u>A61L 17 /-</u>		2017295628		
2017330405		<u>A61P 11 /-</u>	2017296088	2017308230	2017307685
2017394444	2017293748		2017298298	<u>A63B 26 /-</u>	<u>B01J 19 /-</u>
<u>A61K 41 /-</u>	<u>A61L 27 /-</u>	2017306580	2017301901		
		2017317988	2017303944	2017308230	2017307685
2017305682	2017309310	<u>A61P 13 /-</u>	2017304219		
<u>A61K 45 /-</u>	<u>A61L 29 /-</u>		2017305303	<u>A63B 5 /-</u>	<u>B01L 3 /-</u>
		2017287988	2017305950		
2017305950			2017306560	2017293994	2017311105
2017321011	2017309310	<u>A61P 15 /-</u>	2017306588		2017318576
2017321016	<u>A61L 31 /-</u>		2017310563	<u>A63B 69 /-</u>	
2017326400		2017305682	2017311089		<u>B01L 7 /-</u>
2017328999	2017296286	<u>A61P 17 /-</u>	2017313307	2017293994	
			2017316756	<u>A63B 71 /-</u>	2017317201
<u>A61K 47 /-</u>	<u>A61L 9 /-</u>	2017310563	2017321011		<u>B01L 9 /-</u>
			2017326485	2017293994	
2017287536	2017294133	<u>A61P 19 /-</u>	<u>A61P 37 /-</u>	<u>A63C 19 /-</u>	2017301095
2017292776	2017306411				2017317201
2017296249		2017287987	2016419048	2017293644	<u>B02C 13 /-</u>
2017305577	<u>A61M 11 /-</u>	2017291812	2017291812		
2017307618		2017310412	2017292758	<u>A63F 1 /-</u>	2017307640
2017310506	2017307602		2017306487		
2017317950	<u>A61M 15 /-</u>	<u>A61P 21 /-</u>	2017327539	2017307763	<u>B02C 15 /-</u>
2017325910					
	2017307602	2017291812	<u>A61P 43 /-</u>		2017292516
	2017313628	2017314560			
			2017298469		

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2017292516	2017306255	2017305944	2017302225	2017313622	2017304097
<u>B02C 7 /-</u>	<u>B28B 19 /-</u>	2017306528	<u>B64C 29 /-</u>	2017333695	<u>B65H 75 /-</u>
2017295424	2017306279	<u>B33Y 30 /-</u>	2017302225	<u>B65D 43 /-</u>	2017314724
<u>B03D 1 /-</u>	<u>B28C 5 /-</u>	2017305944	<u>B64D 43 /-</u>	2017305307	<u>B66B 5 /-</u>
2017305613	2016420000	2017306528	2017294712	<u>B65D 47 /-</u>	2017400814
2017306162	<u>B29C 35 /-</u>	<u>B33Y 40 /-</u>	<u>B64D 45 /-</u>	2017333695	<u>B66C 13 /-</u>
<u>B04C 11 /-</u>	2016412933	2017306528	2017294712	<u>B65D 5 /-</u>	2016431712
2017309374	<u>B29C 45 /-</u>	<u>B41F 13 /-</u>	<u>B65B 11 /-</u>	2017312544	<u>B66D 1 /-</u>
2017309375	2017293748	2017304097	2017303402	<u>B65D 51 /-</u>	2017306931
<u>B05B 12 /-</u>	2017312606	<u>B41F 33 /-</u>	<u>B65B 3 /-</u>	2017301674	<u>B66F 11 /-</u>
2017306411	<u>B29C 64 /-</u>	2017304097	2017301095	2017333695	2017303678
<u>B05D 3 /-</u>	2017306528	<u>B41J 2 /-</u>	<u>B65B 31 /-</u>	<u>B65D 55 /-</u>	<u>B66F 17 /-</u>
2017305901	<u>B29C 67 /-</u>	2017310704	2017301674	2017333695	2017303678
<u>B05D 7 /-</u>	2017305944	<u>B42C 1 /-</u>	<u>B65B 39 /-</u>	<u>B65D 75 /-</u>	<u>B66F 9 /-</u>
2017305901	<u>B29L 31 /-</u>	2017304097	2017301674	2017313622	2017303678
<u>B09B 3 /-</u>	2017293748	<u>B42C 19 /-</u>	<u>B65B 41 /-</u>	<u>B65D 81 /-</u>	<u>B67B 3 /-</u>
2016420899	<u>B31B 50 /-</u>	2017304097	2017303402	2017333695	2017301674
<u>B23K 103 /-</u>	2017300419	<u>B42D 25 /-</u>	<u>B65B 43 /-</u>	<u>B65D 85 /-</u>	<u>B67B 6 /-</u>
2017316136	<u>B31D 5 /-</u>	2017303176	2017300419	2017306522	2017301674
<u>B23K 20 /-</u>	2017307925	<u>B44D 3 /-</u>	<u>B65B 47 /-</u>	2017306523	<u>B67D 1 /-</u>
2017316136	<u>B32B 13 /-</u>	2017305307	2017303402	2017307907	2017307908
<u>B23K 9 /-</u>	2017301930	<u>B60R 9 /-</u>	<u>B65B 5 /-</u>	2017307909	2017307956
2017338154	<u>B32B 15 /-</u>	2017308512	2017301095	2017307958	2017307958
<u>B24B 37 /-</u>	2017304609	<u>B61B 13 /-</u>	<u>B65D 88 /-</u>	2017333695	<u>B67D 7 /-</u>
2017311190	2017305901	2018283856	<u>B65B 57 /-</u>	2017326152	2017287793
<u>B24D 11 /-</u>	2017306572	<u>B61H 15 /-</u>	2017303402	<u>B65F 3 /-</u>	<u>C01B 3 /-</u>
2017311190	<u>B32B 23 /-</u>	2016419848	<u>B65B 61 /-</u>	2017294788	2016420899
<u>B24D 3 /-</u>	<u>B32B 25 /-</u>	<u>B61L 27 /-</u>	2017303402	2017296534	2017296249
2017311190	2017306572	2017326590	<u>B65B 9 /-</u>	<u>B65G 1 /-</u>	2017310036
<u>B24D 7 /-</u>	<u>B32B 27 /-</u>	<u>B62B 1 /-</u>	2017303402	2017301095	<u>C01B 32 /-</u>
2017311190	2016412933	2016309958	<u>B65D 1 /-</u>	2017301095	2017304609
<u>B25J 11 /-</u>	2017301624	<u>B62M 9 /-</u>	2017300978	<u>B65G 47 /-</u>	<u>C01F 11 /-</u>
2017306255	<u>B32B 37 /-</u>	2017291265	<u>B65D 21 /-</u>	2017311764	2017294107
2017311115	2016412933	<u>B63B 21 /-</u>	2017300978	<u>B65G 57 /-</u>	2017294109
<u>B25J 15 /-</u>	<u>B32B 5 /-</u>	2017306931	2017305307	2017301095	2017294559
2017293075	<u>B32B 7 /-</u>	<u>B63G 8 /-</u>	<u>B65D 23 /-</u>	<u>B65H 49 /-</u>	2017294107
2017311115	2017301930	2017294424	2017300978	2017314724	2017294559
<u>B25J 19 /-</u>	2017306255	<u>B65D 25 /-</u>	2017305307	<u>B65H 54 /-</u>	2017296249
2017306255	2017306572			2017314724	<u>C01G 37 /-</u>
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<u>C01G 45 /-</u>	<u>C07C 237 /-</u>	2017306588 2017309725	<u>C07K 19 /-</u>	<u>C09K 5 /-</u>	2017301609 2017306549 2017309313
2017306546 2017395200	2017312712			2017293847	
<u>C01G 49 /-</u>	<u>C07C 321 /-</u>	<u>C07D 417 /-</u>	2016419048 2017303944 2017306560 2017311089	<u>C09K 8 /-</u>	<u>C12P 1 /-</u>
2017395200	2017308830	2017292758 2017305392 2017327539		2017307642	2017291773
<u>C01G 51 /-</u>	<u>C07C 401 /-</u>	<u>C07D 471 /-</u>	<u>C08B 37 /-</u>	<u>C10J 3 /-</u>	<u>C12P 13 /-</u>
2017395200	2017305239	2017286868 2017327539	2017326168	2016420618 2017307506	2017309313
<u>C02F 1 /-</u>	<u>C07C 7 /-</u>	<u>C07D 487 /-</u>	<u>C08F 2 /-</u>	<u>C10L 9 /-</u>	<u>C12P 17 /-</u>
2017311507	2017310036	2017291812 2017327539	2017331571	2017292516	2017309313
<u>C04B 103 /-</u>	<u>C07D 207 /-</u>	<u>C07D 513 /-</u>	<u>C08F 6 /-</u>	<u>C11B 1 /-</u>	<u>C12P 19 /-</u>
2017306279	2017308830	2017296088	2017321326	2017277861 2017301024	2017308633 2017326168
<u>C04B 111 /-</u>	<u>C07D 213 /-</u>	<u>C07D 519 /-</u>	<u>C08G 18 /-</u>	<u>C11B 3 /-</u>	<u>C12P 21 /-</u>
2017294107 2017294109 2017294559 2017306279	2017295628 2017316907 2017316908 2017316909 2017316910	2017326485	2017311195	2017277861 2017301024	2017310785
<u>C04B 14 /-</u>	<u>C07D 215 /-</u>	<u>C07H 19 /-</u>	2017318401 2017418044	<u>C11D 17 /-</u>	<u>C12P 7 /-</u>
2017306279	2017317524 2017317529	2017311566	<u>C08G 69 /-</u>	2016418505	2017291773 2017301024 2017309313 2017309957
<u>C04B 18 /-</u>	<u>C07D 231 /-</u>	<u>C07H 21 /-</u>	2017301624	<u>C12M 1 /-</u>	<u>C12Q 1 /-</u>
2017294107 2017294109 2017294559	2017327539	2017287536 2017295883 2017306692	<u>C08J 5 /-</u>	2017297408	2017293417 2017296208 2017298017 2017302132 2017308059 2017311512 2017322523 2018258752
<u>C04B 24 /-</u>	<u>C07D 239 /-</u>	<u>C07J 31 /-</u>	<u>C08L 23 /-</u>	2017303597 2017303598	<u>C22B 1 /-</u>
2017306058	2017309199	2017305239 2017305305	2017305437 2017331571 2017365191	<u>C12N 15 /-</u>	2017294107 2017294109 2017294559
<u>C04B 26 /-</u>	<u>C07D 271 /-</u>	<u>C07J 9 /-</u>	<u>C08L 25 /-</u>	2016419048 2017287536 2017291543 2017292667 2017292772 2017293773 2017295898 2017301609 2017303944 2017304219 2017305404 2017306549 2017306560 2017308059 2017313064 2017358264 2017394444	<u>C22B 3 /-</u>
2017311203	2017306487	2017305305	2017321326	<u>C12N 5 /-</u>	2017305613
<u>C04B 28 /-</u>	<u>C07D 303 /-</u>	<u>C07K 1 /-</u>	<u>C08L 61 /-</u>	<u>C12N 9 /-</u>	<u>C25B 1 /-</u>
2017301930 2017306058 2017306279	2017306546	2017310785 2017311541	2017305437	2017297408 2017298298 2017303597 2017303944 2017306557 2017311089	2017308212
<u>C04B 35 /-</u>	<u>C07D 401 /-</u>	<u>C07K 14 /-</u>	<u>C08L 77 /-</u>	<u>C12N 9 /-</u>	<u>C25B 11 /-</u>
2017291949	2017292758 2017295628 2017313307 2017314560 2017316911 2017317988	2017296352 2017298565 2017305946 2017306557 2017311541 2017313064	2017301624	<u>C12N 5 /-</u>	2017304609
<u>C04B 38 /-</u>	<u>C07D 403 /-</u>	<u>C07K 16 /-</u>	<u>C08L 91 /-</u>	<u>C12N 5 /-</u>	<u>C25D 11 /-</u>
2017299504	2017292758 2017295628 2017310412 2017312049 2017312974 2017313646 2017315238 2017319318 2017330346 2017394444	2017293103 2017297506 2017303944 2017305946 2017307618 2017310412 2017312049 2017312974 2017313646 2017315238 2017319318 2017330346 2017394444	2017305437	2017297408 2017298298 2017303597 2017303944 2017306557 2017311089	2017314185
<u>C04B 40 /-</u>	<u>C07D 405 /-</u>	<u>C09D 175 /-</u>	<u>C08L 95 /-</u>	<u>C12N 9 /-</u>	<u>C25D 5 /-</u>
2017299504	2017292758	2017311195	2017311203	2017292667 2017292772 2017293773	2017314185
<u>C05F 11 /-</u>	<u>C07D 413 /-</u>	<u>C09J 175 /-</u>	2017311195		<u>C40B 60 /-</u>
2017293841	2017292758 2017295628 2017306487				2017299362
<u>C05F 3 /-</u>					
2017293841					
<u>C07C 11 /-</u>					
2017310036					

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<u>D02J 3 /-</u>	<u>E21B 41 /-</u>	<u>F16D 65 /-</u>	<u>F25B 41 /-</u>	<u>G01N 21 /-</u>	<u>G01S 7 /-</u>
2017293748	2017339683	2016419848	2016427727	2017306578	2017313146
<u>D05C 15 /-</u>	<u>E21B 43 /-</u>	<u>F16H 7 /-</u>		2017314763	2017325825
2017329461	2017294512	2018283309	<u>F25D 23 /-</u>	<u>G01N 27 /-</u>	<u>G01V 1 /-</u>
<u>D06F 37 /-</u>	<u>E21B 47 /-</u>	<u>F16L 3 /-</u>	2016419709	2017311105	2016425662
2017258178	2016425662	2017294148	2017316505	2017311109	2016425663
<u>D06F 39 /-</u>	2017298614	<u>F16N 27 /-</u>	<u>F25J 3 /-</u>	2017311852	2017305417
2017258178	2017305417	2017346937	2017312101	2017312101	2017306931
2017311507	2017339683		<u>G01N 29 /-</u>		2017307058
<u>E02F 3 /-</u>	<u>E21B 7 /-</u>	<u>F16N 29 /-</u>	<u>F26B 3 /-</u>	2017325825	2017340597
2017302521	2017291632	2017346937	2017292516	<u>G01N 3 /-</u>	<u>G02B 27 /-</u>
	2017292912		<u>F28C 1 /-</u>	2017296469	2017308749
<u>E02F 9 /-</u>	<u>E21D 11 /-</u>	<u>F16P 3 /-</u>	2017302394	<u>G01N 30 /-</u>	<u>G02B 6 /-</u>
2017311608	2017307641	2017296534	<u>F28D 20 /-</u>	2017311105	2016426355
2017338154		<u>F17C 5 /-</u>	2017293847	<u>G01N 33 /-</u>	2017298614
<u>E04B 1 /-</u>	<u>E21D 5 /-</u>	2017296100	<u>F28D 21 /-</u>	2017296208	2017300264
2017306572	2017307641	<u>F17C 9 /-</u>	2016420618	2017297408	2017308757
<u>E04C 2 /-</u>	<u>F02B 27 /-</u>	2016417377	<u>F28F 1 /-</u>	2017300579	2017311399
2016412933	2017311113	<u>F17D 1 /-</u>	2016417377	2017301117	<u>G02C 7 /-</u>
2017301930	<u>F02B 35 /-</u>	2017305437	<u>G01B 21 /-</u>	2017303944	2017369607
2017306279	2017311113	<u>F23D 14 /-</u>	2017300885	2017304949	<u>G03B 17 /-</u>
2017306572		2017291632	<u>G01C 21 /-</u>	2017305946	2018301903
<u>E04F 15 /-</u>	<u>F02C 3 /-</u>	2017313452	2017294712	2017310722	<u>G03G 15 /-</u>
2016412933	2017330566	<u>F24C 15 /-</u>	2017397651	2017311852	2016420645
<u>E04H 17 /-</u>	<u>F02C 7 /-</u>	2017332332	<u>G01F 1 /-</u>	2017313150	2016420645
2017294579	2017330566	<u>F24D 10 /-</u>	2017312454	2017318576	2016420646
<u>E05B 65 /-</u>	<u>F02M 29 /-</u>	2017329207	2017343366	2017331428	
2017258178	2017305160	<u>F24D 11 /-</u>	<u>G01F 23 /-</u>	2017394444	
2017333723	<u>F02M 35 /-</u>	2017329207	2017297977	<u>G01N 35 /-</u>	<u>G04G 21 /-</u>
<u>E05D 15 /-</u>	2017305160	<u>F24D 17 /-</u>	<u>G01L 1 /-</u>	2017299362	2017321920
2017316505	<u>F04D 29 /-</u>	2017293847	2017306694	2017301095	<u>G04R 60 /-</u>
<u>E21B 17 /-</u>	<u>F04D 7 /-</u>	<u>F24F 5 /-</u>	<u>G01L 3 /-</u>	<u>G01R 31 /-</u>	<u>G04R 60 /-</u>
2016424859	2017307640	2017302394	2017290179	2016416626	2017321920
<u>E21B 19 /-</u>	2017307640	<u>F24F 6 /-</u>	<u>G01L 9 /-</u>	2017315024	<u>G05B 19 /-</u>
2017294148	<u>F16B 45 /-</u>	2017302394	2017300493	<u>G01R 33 /-</u>	2017306528
<u>E21B 27 /-</u>	2017312291	<u>F24H 4 /-</u>	2017306694	2017295074	2017355023
2017307642	2017316712	2017293847	<u>G01N 1 /-</u>	<u>G01S 13 /-</u>	<u>G05B 23 /-</u>
<u>E21B 29 /-</u>	<u>F16B 7 /-</u>	<u>F24H 9 /-</u>	2017312454	2017301114	2017309374
2017291632	2017316712	2016412742	<u>G01N 15 /-</u>	2017320225	<u>G05D 16 /-</u>
<u>E21B 33 /-</u>	<u>F16C 33 /-</u>	<u>F25B 1 /-</u>	2017314763	<u>G01S 15 /-</u>	2016427727
2016424859	2017346937		2017315246	2017325825	<u>G05D 9 /-</u>
2017294512				<u>G01S 19 /-</u>	2017297977
2017307642				2017301114	<u>G05G 7 /-</u>
				<u>G01S 5 /-</u>	2017300384
				2017294712	<u>G06F 11 /-</u>
					2017287018

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2017304894		G16H 40 /-	H02J 50 /-	2017324072	2017320272
G06F 12 /-	G06Q 30 /-	2016418336	2017301997	2018290161	2017332762
2017287018	2017280105	2016418338		H04M 3 /-	
	2017294120		H02K 1 /-		
	2017360358	H01F 27 /-		2017306268	
G06F 13 /-			2017305647		
	G06Q 40 /-	2017301997		H04N 1 /-	
2017322216	2017318589	H01F 38 /-	H02K 5 /-	2016413657	
G06F 15 /-			2017305647		
	G06Q 50 /-	2017301997	H02M 3 /-	H04N 21 /-	
2017322216	2017291859	H01H 33 /-		2017280105	
G06F 16 /-	2017294120		2017304307	2017312441	
		2017296100			
2017316661	G06T 15 /-		H02M 7 /-	H04N 5 /-	
G06F 17 /-		H01L 21 /-			
	2017302800		2017304307	2017308749	
		2017345050			
2016416442	G06T 5 /-		H04B 17 /-	H04R 25 /-	
G06F 21 /-		H01L 23 /-			
	2017308749		2017304556	2017307401	
		2017325796			
2017292796	G06T 7 /-		H04B 7 /-	H04W 12 /-	
2017313434		H01L 27 /-			
	2017307115		2017305260	2017301941	
G06F 3 /-		2017325796	2017308688	2017328040	
	G07C 9 /-		2017308909		
2017310912		H01M 10 /-		H04W 16 /-	
2017324072	2017292796		H04J 11 /-		
		2016416626		2017295096	
G06F 7 /-	G07D 5 /-		2017304556	2017303010	
		H01M 4 /-		2017309925	
2017292796			H04L 1 /-		
	2017305765	2017308212		H04W 24 /-	
G06F 9 /-	G07F 7 /-		2017298225		
		H01M 8 /-	2017308598	2017304556	
2016422515	2017292796		2017320685		
2017339683		2016420899		H04W 36 /-	
	G08B 13 /-		H04L 12 /-		
G06K 17 /-		H01Q 1 /-		2016417262	
	2017313298		2016395951	2017332762	
2017340753	2017320225	2017301105	2016432045	2018298508	
		2017321920	2017309925		
G06K 19 /-	G08B 29 /-		2017316185	H04W 4 /-	
		H01Q 5 /-			
2017299362	2017313298		H04L 27 /-	2017301941	
2017305765		2017321920			
2017340753	G08G 1 /-		2017328017	H04W 48 /-	
		H01R 4 /-	2017330448		
G06K 9 /-	2017286887			2017297575	
	2017301114	2017305418	H04L 29 /-	2017300354	
2017292796				2017311062	
2017307115	G09F 19 /-	H02B 13 /-	2016413381		
2017310912			2017286891	H04W 68 /-	
2017325825	2017303176	2017296100	2017322216		
			2017328040	2017300354	
G06N 99 /-	G10K 11 /-	H02G 1 /-			
			H04L 5 /-	H04W 72 /-	
2017307067	2017325825	2017298614			
2017345039			2017298225	2016428407	
	G10L 15 /-	H02G 3 /-	2017306778	2017305029	
G06Q 10 /-			2017308909	2017306778	
	2017330209	2017300264	2017310401	2017311070	
2017290912			2017328017		
2017340753	G16H 10 /-	H02J 13 /-	2017330448	H04W 74 /-	
G06Q 20 /-	2017331252	2017291859	H04L 9 /-	2017295096	
				2017303010	
2017311576	G16H 20 /-	H02J 3 /-	2017313434	2017320272	
2017318589					
2017336906	2017318590	2017291859	H04M 1 /-	H04W 84 /-	
2017356010					
2017360358			2017309843	2017301941	

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A61P 29/00 (2006.01)
A61K 36/185 (2006.01)
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A61K 36/328 (2006.01)
A61K 36/49 (2006.01)
A61K 36/73 (2006.01)
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A61P 1/00 (2006.01)
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C12Q 1/68 (2006.01)
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A01G 25/00 (2006.01)
A01G 25/09 (2006.01)
C02F 1/04 (2006.01)
C02F 1/14 (2006.01)
C02F 1/26 (2006.01)
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B44C 1/16 (2006.01)
A61Q 1/02 (2006.01)
B44C 1/17 (2006.01)
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(54) Sulphate salts of N-(3-(4-(3-
(diisobutylamino)propyl)piperazin-1-
yl)propyl) -1H-benzo[d]imidazol-2-
amine, preparation thereof and use of
the same

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A61P 9/00 (2006.01)
C07C 233/56 (2006.01)
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C10L 10/18 (2006.01)
C10M 133/56 (2006.01)
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2013266972	Samsung Electronics Co., Ltd.	2014353075	Tionesta, LLC
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		2014369892	Food & Beverage Innovations, LLC
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2014201461	Depuy Ireland Unlimited Company	2014388058	Ateliers Busch SA
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2014234156	Fitzbionics Limited	2015203950	Zon
2014238484	WANDisco, Inc.	2015204193	B. G. Negev Technologies and Applications Ltd., at Ben-Gurion University
2014259986	Siegenthaler, M.		Diamond Products, Limited
2014261329	Katholieke Universiteit Leuven; University Hospital Antwerp	2015206254	Biocorp Production
2014261409	Clinical Laserthermia Systems AB	2015207514	Ausco Modular Pty Limited
2014262255	Covidien LP	2015208670	Rio Tinto Alcan International Limited
2014267398	Valore	2015208859	Joy Global Underground Mining LLC
2014270495	FLSmith A/S	2015210478	Kitefarms LLC
2014272855	The Queen's University of Belfast	2015211182	Jackel International Limited
2014274955	Novartis AG	2015212931	University of Ulster
2014277674	Oticon Medical A/S	2015212955	Seattle Genetics, Inc.
2014284789	Fieldtech Limited	2015213679	Lost Bird Project, Inc.
2014290363	Baylor College of Medicine	2015214325	Epiroc Rock Drills Aktiebolag
2014290913	Technische Universiteit Delft	2015221418	Curtin University of Technology
2014290933	L'Oreal	2015223466	Frank's International, LLC
2014292965	Merit Medical Systems, Inc.	2015227337	Black Diamond Video, Inc
2014305496	HANGZHOU LEGGY HORSE TECH.CO., LTD.	2015228373	Valerann Ltd.
2014305994	Exosome Diagnostics, Inc.	2015229199	Bristol, Inc., d/b/a Remote Automation Solutions
2014311977	University of Maryland, College Park; The United States of America, as represented by The Secretary, Department of Health and Human Services, Office of Technology Transfer, National Institutes of Health; Children's National Medical Center	2015230840	The Boeing Company
		2015232985	Artosi, O.
2014315366	Covidien LP	2015235926	Arr-Maz Products, L.P.
2014317807	Commonwealth Scientific and Industrial Research Organisation	2015238518	ThyssenKrupp Industrial Solutions AG; thyssenkrupp AG
			Lamberti SpA
2014317814	Global Orthopaedic Technology Pty Limited	2015238528	Bayer CropScience Aktiengesellschaft
2014321130	South East Water Corporation	2015238574	Geobruag AG
2014327234	Credentis AG	2015238795	Ebel, M.
2014331143	Enyx SA	2015240068	Corbin Clinical Resources, LLC
2014333867	Pfanner Schutzbekleidung GmbH	2015240520	Caterpillar Inc.
2014335607	Tosho, Inc.	2015241488	Caterpillar Inc.
		2015241509	Gimsa S.R.L.
		2015242245	DePuy Synthes Products, Inc.
		2015243515	

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2015243801	The European Union, represented by The European Commission	2016202860	Urban Software Institute GmbH
2015248999	Single Buoy Moorings Inc.	2016208499	Nov Subsea Products AS
2015249074	American Greetings Corporation	2016208528	GlaxoSmithKline Intellectual Property Development Limited; University of Dundee
2015250756	Franke Technology and Trademark Ltd	2016212100	DuPont Nutrition Biosciences ApS
2015250900	BASF SE	2016216621	Depuy Ireland Unlimited Company
2015252808	Excelsior Medical Corporation	2016217361	Panasonic Intellectual Property Management Co., Ltd.
2015254712	L'Oreal	2016217589	Betamotor SpA
2015259280	Hyedge IP Company	2016219217	Carlisle Fluid Technologies, Inc.
2015260349	Nissan Chemical Industries, Ltd.	2016225774	iRobot Corporation
2015262955	Sotefin Patents SA	2016228280	Pierre Fabre Medicament
2015263115	Northstone (NI) Limited	2016231536	LG Electronics Inc.
2015264603	Qualcomm Incorporated	2016238178	DripDrone, Inc.
2015267136	The Lubrizol Corporation	2016243992	ConMed Corporation
2015273547	K-fee System GmbH	2016244228	Signal Pharmaceuticals, LLC
2015279364	Philip Morris Products S.A.	2016245659	Fu, L.
2015282754	Bayer CropScience Aktiengesellschaft	2016246120	Bormioli Pharma S.r.l.
2015283028	BASF SE	2016251299	Alfa Laval Corporate AB
2015283227	AVOCET IP LTD	2016252162	JFE Steel Corporation
2015285142	Takeda Pharmaceutical Company Limited	2016256831	AbbVie Biotechnology Ltd
2015289748	Itron Global SARL	2016259495	Liao, S.
2015291477	Grünenthal GmbH	2016260680	Yara Dallol BV
2015291897	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.	2016267097	Novelis Inc.
2015293461	Unicharm Corporation	2016267216	Ishida Co., Ltd.
2015294569	Aquablok, Ltd.	2016269056	ThyssenKrupp Industrial Solutions AG; thyssenkrupp AG
2015296146	OTG Experience, LLC	2016270139	Huawei Technologies Co., Ltd.
2015303289	Sika Technology AG	2016271587	Colgate-Palmolive Company
2015305457	Dow Global Technologies LLC	2016271834	Synvina C.V.
2015306392	Jaguar Land Rover Limited	2016271835	Synvina C.V.
2015308122	Alkhazraji, S.	2016275231	Samsung Electronics Co., Ltd.
2015309172	Jaguar Land Rover Limited	2016276326	Concrete Countertop Solutions, Inc.
2015310560	Scoprega S.p.a.	2016277564	Xyleco, Inc.
2015316744	BASF SE	2016280161	Harrow Health, Inc.
2015316886	Universita' Degli Studi Di Milano; Fondazione IRCCS Istituto Nazionale Dei Tumori	2016281501	Exxonmobil Upstream Research Company
2015317139	Knorr-Bremse Systeme fur Schienenfahrzeuge GmbH	2016283501	ViaSat, Inc.
2015320043	Facebook, Inc.	2016285813	The Gillette Company LLC
2015320051	Amcor Flexibles Singen GmbH	2016285908	Shell Internationale Research Maatschappij B.V.
2015320405	Wellhead Power Solutions, LLC	2016292469	Apium Additive Technologies GmbH
2015328248	Polaris Industries Inc.	2016292951	Commonwealth Scientific and Industrial Research Organisation
2015328825	GATT Technologies B.V.	2016296923	Omeicos Therapeutics GmbH; Board of Regents, The University of Texas System; Max Delbrück-Centrum für Molekulare Medizin
2015332295	Outotec (Finland) Oy	2016297166	Schalitz, W.; Verma, V.
2015332951	Jaguar Land Rover Limited	2016297663	Colgate-Palmolive Company
2015334060	Moog Inc.	2016298537	Ball Corporation
2015334728	CCM Research Limited	2016304408	Pfizer Inc.,
2015340726	Philip Morris Products S.A.	2016305781	Mitsubishi Electric Corporation
2015343119	Wanner Engineering, Inc.	2016306343	IHI Corporation
2015345579	Versitech Limited	2016307230	GlaxoSmithKline Intellectual Property Development Limited; University of Dundee
2015354330	Vale S.A.; Universidade Federal do Espírito Santo - UFES	2016307780	Vanderbilt Chemicals, LLC
2015357416	Omya International AG	2016307998	Aboca S.p.A Società Agricola
2015362616	Robert Bosch GmbH	2016316932	3M Innovative Properties Company
2015376858	Harinck, n.	2016319754	Amazon Technologies, Inc.
2015378562	Corning Incorporated	2016321999	Dyson Technology Limited
2015379592	Siemens Aktiengesellschaft	2016322936	Radicle Orthopaedics
2015380298	Dow AgroSciences LLC	2016328634	The Climate Corporation
2015383884	Halliburton Energy Services, Inc.	2016330089	LG Electronics Inc.
2015385199	Telefonaktiebolaget LM Ericsson (Publ)	2016332485	Siemens Aktiengesellschaft
2015385866	Compagnie Generale des Etablissements Michelin	2016332487	Siemens Aktiengesellschaft
2015401624	Gaudfrin	2016332488	Siemens Aktiengesellschaft
2015403755	Huawei Technologies Co., Ltd.	2016338497	Google LLC
2015405840	Mitsubishi Electric Corporation	2016342075	Max Life, LLC
2015406139	Colgate-Palmolive Company	2016351526	Daewoong Pharmaceutical Co., Ltd.
2015409323	Huawei Technologies Co., Ltd.	2016356835	Upfield Europe B.V.
2015411493	Mitsubishi Electric Corporation	2016357105	Google Inc.
2015414791	Colgate-Palmolive Company	2016357938	Upfield Europe B.V.
2015417574	Colgate-Palmolive Company	2016362307	Colgate-Palmolive Company
2015417766	Google LLC	2016366625	Dyson Technology Limited
2016200429	Synbra Technology B.V.	2016369134	Toyo Seikan Co., Ltd.
2016202141	Zonghe International, Inc.		
2016202293	Smeg S.p.A.		

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2016369326	Janssen Vaccines & Prevention B.V.	2017228527	Dana-Farber Cancer Institute, Inc.
2016370385	Motorola Solutions, Inc.	2017228547	Baxalta GmbH; Baxalta Incorporated
2016371019	Restek Corporation	2017229238	Harvest International, Inc.
2016371239	Aqseptence Group Pty Ltd	2017232099	Covidien LP
2016375591	Premier Orthodontic Designs, LLLP	2017232198	Covidien LP
2016377901	Kawasaki Jukogyo Kabushiki Kaisha	2017235987	Zimmer, Inc.
2016383836	Mitsubishi Electric Corporation; Mitsubishi Electric Home Appliance Co., Ltd.	2017235998	American Greetings Corporation
2016384524	LG Electronics Inc.	2017236132	Siemens Aktiengesellschaft
2016385427	Apple Inc.	2017239522	Inguran, LLC
2016389781	New York Air Brake, LLC	2017239567	Cascade Corporation
2016393890	Uber Technologies, Inc.	2017239596	Becton, Dickinson and Company
2016396595	Vitro S.A.B. de C.V.	2017245336	Medtec, Inc.
2016396658	lo Therapeutics, Inc.	2017245342	Stryker European Holdings I, LLC
2016397188	Huawei Technologies Co., Ltd.	2017248198	JLG Industries, Inc.
2016401401	Huawei Technologies Co., Ltd.	2017248412	Fujitsu Limited
2016405228	Nordischer Maschinenbau Rud. Baader GmbH + Co. KG	2017248439	Hendrickson Commercial Vehicle Systems Europe GmbH
2016413538	New York Air Brake, LLC	2017251714	Malvi Technologies, LLC
2017200418	Implantica Patent Ltd	2017263293	Eksteen, E.
2017200440	Accelerated BioSciences Corp.	2017264974	Stryker Corporation
2017200766	Yale University; Rhode Island Board of Governors for Higher Education	2017266879	Victaulic Company
2017200851	Illinois Tool Works Inc.	2017272276	Google LLC
2017200912	Poolpod Products Ltd.	2017272329	CRRC Qiqihar Rolling Stock Co., Ltd.; Beijing TF High-Tech Co., Ltd.
2017200933	Chugh, S.	2017277234	Pajunk GmbH Medizintechnologie
2017201164	Illinois Tool Works Inc.	2017279639	Apple Inc.
2017201487	Bright Technologies, LLC	2017279642	PROCARV
2017201498	Klooster, J.; Lockheed Martin Corporation; Torres, S.; Chan, D.	2017279644	Medinol Ltd.
2017201727	Honda Motor Co., Ltd.	2017279654	Firmenich SA
2017202110	RAYTHEON COMPANY	2017296238	Light Field Lab, Inc.
2017202145	PIMERA, INC.	2017301099	Goondicum Resources Pty Ltd
2017202219	Shire Human Genetic Therapies, Inc.	2017305103	Zelda Therapeutics Operations Pty Ltd
2017202302	Grundfos Holding A/S	2017305353	Guangzhou Xaircraft Technology Co., Ltd
2017202354	Merial, Inc.	2017394429	China University of Mining and Technology; Xuzhou Goldfluid Hydraulic Technology Development Co., Ltd
2017202437	Roche Glycart AG	2017402895	Sumitomo Metal Mining Co., Ltd.
2017202455	Micrus Endovascular LLC	2017407999	Schergain Holdings Ltd.
2017202572	Generex Pharmaceuticals, Inc.	2018200031	Colgate-Palmolive Company
2017202573	Generex Pharmaceuticals, Inc.	2018200097	KCI Licensing, Inc.
2017202667	Allergan, Inc.	2018200369	Moffat, W.
2017202871	Kellogg Company	2018200493	NEC Corporation
2017203010	Redwave Energy, Inc.	2018200809	Tsinghua University; Nuctech Company Limited
2017203014	H. Lundbeck A/S	2018201033	Korea Institute of Geoscience and Mineral Resources
2017203121	GlaxoSmithKline LLC	2018201445	Onyx Therapeutics, Inc.
2017203550	Guangzhou Xaircraft Technology Co., Ltd	2018201764	Weatherford Technology Holdings, LLC
2017203554	Guangzhou Xaircraft Technology Co., Ltd	2018201833	Google LLC
2017203606	Channell Commercial Corporation; PRC Composites, LLC	2018202218	ALZPROTECT; UNIVERSITE DE LILLE 2 DROIT ET SANTE; INSERM (Institut National de la Santé et de la Recherche Médicale)
2017203617	Xinova, LLC	2018202580	Accenture Global Solutions Limited
2017203730	Depuy Mitek, LLC	2018202774	Innfocus, LLC
2017203901	Mayo Foundation for Medical Education and Research	2018203693	Megadyne Medical Products, Inc.
2017203928	Seattle Genetics, Inc.	2018204550	Bayer Consumer Care AG
2017204020	Burcon Nutrascience (MB) Corp.	2018204830	Meagan Medical, Inc.
2017204047	Guangdong Xiangxue Life Sciences, Ltd.	2018232969	Kyoraku Co., Ltd.
2017204320	GENENTECH, INC.; F. Hoffmann-La Roche AG	2018241061	Nasir, M.; Intersurgical AG
2017204373	ALLENSPACH, M.; Mötteli, J.	2018260927	PATEL, O.; ISCHIA, J.; BOLTON, D.; BALDWIN, J.; SHULKES, A.
2017204440	NZ Tube Mills Limited	2018271403	Omega Ophthalmics LLC
2017204802	Inovio Pharmaceuticals, Inc	2019200109	Zhejiang Zhirui Technology Group Co., Ltd.
2017204868	Toyota Jidosha Kabushiki Kaisha	2019200295	Apple Inc.
2017204879	Sony Corporation	2019200324	Yiwu Zhixin Technology Co., Ltd.
2017213550	Implantica Patent Ltd.		
2017216480	Powertech Industrial Co., Ltd.		
2017216542	Becton, Dickinson and Company		
2017218842	Electrical Subsea & Drilling AS		
2017218992	DEKA Products Limited Partnership		
2017219040	DePuy Mitek, Inc.		
2017219157	Xyleco, Inc.		
2017219169	Google LLC		
2017220785	Tata Consultancy Services Limited		
2017227662	Xinjiang Goldwind Science & Technology Co., Ltd.		
2017228526	NDI Medical, LLC		

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<u>A01B 29 I/-</u>	<u>A23J 3 I/-</u>	2016231536	<u>A61F 13 I/-</u>	2016307230	<u>A61K 51 I/-</u>
2015200620	2017204020	<u>A47L 5 I/-</u>	2015293461	2016351526	2014396468
<u>A01B 71 I/-</u>	<u>A23K 20 I/-</u>	2016321999	2017263293	2017200933	<u>A61K 8 I/-</u>
2017229238	2013265343	<u>A47L 9 I/-</u>	2018200097	2017202145	2014317807
<u>A01C 5 I/-</u>	<u>A23L 2 I/-</u>	2016321999	<u>A61F 2 I/-</u>	2017203014	2014327234
2015200620	2015259280	2016383836	2015243515	2017204320	2015238528
<u>A01C 7 I/-</u>	<u>A23L 27 I/-</u>	<u>A61B 1 I/-</u>	2016216621	2017220785	2015259280
2017229238	2017279654	2014315366	2016322936	2017228527	2015414791
<u>A01D 41 I/-</u>	<u>A23L 29 I/-</u>	2017232198	2017202455	2017305103	2016271587
2017407999	2014369892	<u>A61B 10 I/-</u>	2017213550	2018202218	2016285813
<u>A01G 17 I/-</u>	2016356835	2014262255	2017235987	<u>A61K 33 I/-</u>	2016362307
2017204440	<u>A23L 33 I/-</u>	2015240520	2017279644	2015259280	2017202667
<u>A01G 25 I/-</u>	2016212100	<u>A61B 17 I/-</u>	2018271403	2018260927	2017203617
2014372103	<u>A24B 15 I/-</u>	2014201461	<u>A61F 5 I/-</u>	<u>A61K 35 I/-</u>	2018200031
2015308122	2015279364	2014201525	2017200418	2014228231	<u>A61K 9 I/-</u>
<u>A01H 5 I/-</u>	<u>A24B 3 I/-</u>	2014234156	<u>A61F 9 I/-</u>	2016212100	2014216112
2013303289	2015279364	2014262255	2018202774	2016280161	2014274955
<u>A01K 61 I/-</u>	<u>A24F 47 I/-</u>	2014277674	<u>A61G 10 I/-</u>	2017200440	2016200766
2015238795	2014381784	2015221418	2018200369	<u>A61K 36 I/-</u>	2017203121
<u>A01K 67 I/-</u>	2014381786	2015240520	<u>A61G 3 I/-</u>	2013303289	2018201445
2017239522	<u>A41D 19 I/-</u>	2016216621	2017200912	2016307998	2018204550
<u>A01N 1 I/-</u>	<u>A42B 3 I/-</u>	2016243992	<u>A61G 5 I/-</u>	2017202572	2018260927
2017239522	2014333867	2017203730	2017200912	2017202573	<u>A61L 15 I/-</u>
<u>A01N 25 I/-</u>	<u>A47G 1 I/-</u>	2017219040	<u>A61G 7 I/-</u>	2017305103	2015328825
2014232728	2014305496	2017232099	<u>A61J 1 I/-</u>	<u>A61K 38 I/-</u>	<u>A61L 2 I/-</u>
<u>A01N 43 I/-</u>	<u>A47G 19 I/-</u>	2017245342	<u>A61J 3 I/-</u>	2013262804	2015252808
2015238574	2015212931	<u>A61B 18 I/-</u>	2014335607	2013370932	2017228547
2015250900	<u>A47H 15 I/-</u>	2014261409	<u>A61K 31 I/-</u>	2014228231	<u>A61L 9 I/-</u>
2015282754	2014404285	2018203693	2017200912	2014230096	2015201180
<u>A01P 3 I/-</u>	<u>A47J 37 I/-</u>	<u>A61B 34 I/-</u>	<u>A61J 3 I/-</u>	2014232728	<u>A61M 1 I/-</u>
2015238574	2014348998	2017220785	2017239596	2014317807	2014259986
<u>A23C 19 I/-</u>	2016202293	2017232099	<u>A61K 39 I/-</u>	2014340201	2017213550
2013265343	<u>A47J 43 I/-</u>	2017245336	2013370932	2017200933	2017218992
<u>A23D 7 I/-</u>	2014369892	<u>A61B 5 I/-</u>	2015345579	2017202219	2018202774
2016356835	<u>A47K 5 I/-</u>	2013398354	2016228280	2017204047	<u>A61M 11 I/-</u>
2016357938	2016297166	2014262255	2016256831	<u>A61K 45 I/-</u>	2014381784
<u>A23J 1 I/-</u>	<u>A47L 15 I/-</u>	2014315366	2017202354	2014230096	2014381786
2017204020		2015200398	2017202437	2014261329	<u>A61M 15 I/-</u>
		<u>A61B 6 I/-</u>	2017203901	2016396658	2014381786
		2014233456	2017204320	<u>A61K 47 I/-</u>	<u>A61M 25 I/-</u>
		2014233520	<u>A61K 48 I/-</u>	2014274955	2014292965
		2014261329		2017203928	2017202455
		2014267398			2017239596
		2014274955			2017279644
		2014290363			<u>A61M 27 I/-</u>
		2014359324			
		2014414533			
		2015213679			
		2015260349			
		2015285142			
		2015291477			
		2015316886			
		2016208528			
		2016245659			
		2016280161			
		2016296923			

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<u>A61M 29 /-</u>		2017203617	2017236132		<u>B29D 23 /-</u>
2014292965	2014359324	<u>A61Q 7 /-</u>	<u>B01L 9 /-</u>	2017201487	2016297663
<u>A61M 39 /-</u>	2015260349		2014202990	<u>B25D 17 /-</u>	<u>B29L 23 /-</u>
2017216542	2015291477	2017202667	<u>B02C 17 /-</u>	2015217621	2016297663
2017239596	2016245659	<u>A61Q 9 /-</u>	2014270495	<u>B25D 9 /-</u>	<u>B30B 3 /-</u>
<u>A61M 5 /-</u>	2016307998	2016285813	2015332295	2015217621	2015238518
2015207514	<u>A61P 3 /-</u>	<u>A63H 13 /-</u>	<u>B02C 4 /-</u>	<u>B25J 19 /-</u>	<u>B32B 1 /-</u>
2017239596	2017200933	2013263127	2015238518	2016225774	2015242245
2017277234	<u>A61P 31 /-</u>	<u>A63H 3 /-</u>	<u>B03B 9 /-</u>	<u>B25J 5 /-</u>	<u>B32B 15 /-</u>
2018202774	2015345579	2013263127	2017301099	2016225774	2015242245
<u>A61N 1 /-</u>	2016212100	<u>A63H 33 /-</u>	<u>B03C 1 /-</u>	<u>B25J 9 /-</u>	2015320051
2014351577	2016245659	2013263127	2017301099	2016225774	<u>B32B 17 /-</u>
2014363371	2017204047	<u>B01D 27 /-</u>	<u>B04B 1 /-</u>	<u>B26B 21 /-</u>	2017203606
2017204802	<u>A61P 33 /-</u>	2015241488	2016251299	2016285813	<u>B32B 19 /-</u>
2017228526	2016208528	2015241509	<u>B04B 7 /-</u>	<u>B26D 1 /-</u>	2015242245
2017277234	2016307230	<u>B01D 29 /-</u>	2016251299	2017279642	<u>B32B 23 /-</u>
2018204830	<u>A61P 35 /-</u>	2016371239	<u>B05B 1 /-</u>	<u>B27B 5 /-</u>	2015242245
<u>A61N 5 /-</u>	2013370932	<u>B01D 33 /-</u>	2015254712	2015362616	<u>B32B 27 /-</u>
2014261409	2014267398	2015401624	<u>B05B 12 /-</u>	<u>B28D 1 /-</u>	2015242245
2018200369	2014396468	<u>B01D 35 /-</u>	2016219217	2015206254	2017203606
<u>A61P 1 /-</u>	2014414533	2015241488	<u>B05B 7 /-</u>	<u>B29B 17 /-</u>	<u>B32B 29 /-</u>
2016307998	2016228280	<u>B01D 46 /-</u>	2015254712	2015200745	2015242245
<u>A61P 11 /-</u>	2017202145	2015241509	2016219217	2016369134	<u>B32B 3 /-</u>
<u>A61P 11 /-</u>	2017203901	2017200851	<u>B05B 9 /-</u>	<u>B29B 7 /-</u>	2015242245
2015285142	2017204047	<u>B01D 71 /-</u>	2016219217	2015357416	2015320051
<u>A61P 13 /-</u>	2017204320	<u>B01J 19 /-</u>	<u>B07B 1 /-</u>	<u>B29B 9 /-</u>	<u>B32B 37 /-</u>
<u>A61P 13 /-</u>	2017228527	2017219157	2016371239	2015357416	2014354868
2014230096	2017305103	<u>B01J 2 /-</u>	<u>B08B 9 /-</u>	<u>B29C 33 /-</u>	<u>B32B 38 /-</u>
<u>A61P 17 /-</u>	<u>A61P 37 /-</u>	2016269056	2015378562	2017203606	2014354868
2015285142	2014359324	<u>B01J 29 /-</u>	<u>B09B 3 /-</u>	<u>B29C 43 /-</u>	<u>B32B 5 /-</u>
2016307998	2016212100	2015204193	2015200745	2017203606	2015242245
<u>A61P 19 /-</u>	2016396658	<u>B01J 41 /-</u>	<u>B09C 1 /-</u>	<u>B29C 44 /-</u>	2017203606
<u>A61P 19 /-</u>	2017204047	2017251714	2015294569	2016200429	<u>B32B 7 /-</u>
2013389346	<u>A61P 39 /-</u>	<u>B01J 47 /-</u>	<u>B21D 25 /-</u>	2016297663	2015242245
2014359324	2018260927	2017251714	2015212955	<u>B29C 49 /-</u>	<u>B32B 9 /-</u>
2015285142	<u>A61P 43 /-</u>	<u>B01J 49 /-</u>	<u>B21D 26 /-</u>	<u>B29C 67 /-</u>	2015242245
<u>A61P 21 /-</u>	2015260349	2017251714	2016267097	2016292469	<u>B33Y 30 /-</u>
2014233456	2015285142	<u>B01J 8 /-</u>	<u>B21D 37 /-</u>	<u>B29C 70 /-</u>	2016292469
<u>A61P 23 /-</u>	<u>A61P 9 /-</u>		2015212955	<u>B33Y 70 /-</u>	
2016280161	2014230096				
<u>A61P 25 /-</u>	2014396468				
2014261329	2016296923				
2014359324	<u>A61Q 1 /-</u>				
2017202572	2017204373				
2017202573	<u>A61Q 11 /-</u>				
2017203014	2014327234				
2018202218	2015414791				
<u>A61P 27 /-</u>	2016271587				
2014274955	2016362307				
	2018200031				

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2016292469	B60W 30 /-	B63B 22 /-	B65D 65 /-	2014317814	C07C 211 /-
B41M 5 /-	2014402646	2016377901	2015242245	C01B 33 /-	2015303289
2014354868	2015306392	B63B 35 /-	B65D 77 /-	2018200031	C07C 229 /-
B42D 15 /-	2015332951	2015214325	2015320051	C01B 37 /-	2015380298
2015249074	B60W 40 /-	2015238795	B65D 81 /-	2015204193	C07C 233 /-
2017235998	2015332951	2016377901	2015406139	C01B 39 /-	2016296923
B44C 1 /-	2016393890	B63C 11 /-	B65D 85 /-	2015204193	2017279654
2017204373	B60W 50 /-	2016377901	2015273547	C01C 1 /-	C07C 251 /-
B60G 17 /-	2015332951	B63G 8 /-	B65D 88 /-	2014290913	2015316886
2015328248	2016393890	2016377901	2016208499	C01D 15 /-	C07C 275 /-
B60H 3 /-	B61C 17 /-	B64C 25 /-	B65G 13 /-	2017251714	2016296923
2015201180	2017272329	2017203550	2015296146	C01D 5 /-	C07C 311 /-
B60K 17 /-	B61F 1 /-	B64C 27 /-	B65G 15 /-	2016260680	2014359324
2014402646	2017272329	2015230840	2015200745	C02F 1 /-	2016296923
B60K 28 /-	B61L 11 /-	2017203554	2015296146	2015308122	C07C 317 /-
2015332951	2016332485	B64D 17 /-	B65G 23 /-	2016306343	2014359324
2015332951	2016332487	2016259495	2017394429	C02F 3 /-	2015282754
B60K 35 /-	2016332488	B64D 7 /-	B66B 9 /-	2016306343	C07C 323 /-
2016393890	B61L 13 /-	2015334060	2017200912	C03B 9 /-	2015282754
B60P 3 /-	2016332485	B65B 11 /-	B66C 13 /-	2016396595	C07C 51 /-
2015296146	B61L 15 /-	2017202871	2017248198	C03C 15 /-	2015354330
B60Q 1 /-	2016332487	B65B 57 /-	B66C 15 /-	2018200031	C07C 57 /-
2016393890	2016332488	2016267216	2017248198	C03C 21 /-	2016396658
B60R 11 /-	B61L 23 /-	B65B 9 /-	B66C 23 /-	2015378562	C07D 213 /-
2015201180	2016332485	2016267216	2017248198	C03C 23 /-	2014359324
B60S 5 /-	2016332488	B65C 1 /-	B66F 17 /-	2015378562	2017203014
2016219217	2015317139	2015232985	2017248198	C04B 26 /-	C07D 217 /-
B60T 15 /-	B61L 25 /-	B65C 9 /-	B66F 9 /-	2017203606	2015285142
2016389781	2015296146	2015232985	2017239567	C05C 3 /-	C07D 235 /-
B60T 17 /-	B62B 3 /-	B65D 1 /-	2017248198	2016269056	2018202218
2015317139	2015296146	2015232985	B67D 1 /-	C05D 9 /-	C07D 239 /-
2016413538	B62D 17 /-	2015378562	2015250756	2016269056	2016244228
B60T 7 /-	2015385866	2018232969	B82B 3 /-	C05F 11 /-	2015282754
2014402646	B62J 1 /-	B65D 17 /-	2014317814	2016306343	2016296923
B60T 8 /-	2017201727	2015320051	B82Y 20 /-	C05F 7 /-	C07D 251 /-
2014402646	B62J 6 /-	2016298537	2017219169	2016306343	2015250900
2015309172	2015240068	B65D 25 /-	B82Y 30 /-	C05G 3 /-	C07D 257 /-
2015332951	B62J 99 /-	2016246120	2014317814	2016269056	2016296923
B60W 10 /-	2015240068	B65D 41 /-	B82Y 5 /-	2016269056	C07D 263 /-
2014402646	B63B 21 /-	2016246120			2016296923
2015332951	2015248999				

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<u>C07D 271 I/-</u>	<u>C07D 491 I/-</u>	<u>C08F 2 I/-</u>	<u>C09D 163 I/-</u>	<u>C10N 70 I/-</u>	<u>C21D 9 I/-</u>
2015282754	2015285142 2017203014	2015316744	2015303289	2015267136	2016252162
<u>C07D 295 I/-</u>	<u>C07D 493 I/-</u>	<u>C08F 212 I/-</u>	<u>C09J 123 I/-</u>	<u>C12M 1 I/-</u>	<u>C22B 1 I/-</u>
2016296923	2015291477 2016304408	2015283028	2015305457	2014290933 2017228547	2015354330 2017301099
<u>C07D 307 I/-</u>	<u>C07D 498 I/-</u>	<u>C08F 220 I/-</u>	<u>C09K 17 I/-</u>	<u>C12N 1 I/-</u>	<u>C22B 23 I/-</u>
2016271834 2016271835 2016296923	2016304408	2015283028	2015238528	2013299608 2013334652 2014317814 2017202354	2017402895
<u>C07D 309 I/-</u>	<u>C07D 515 I/-</u>	<u>C08F 265 I/-</u>	<u>C09K 3 I/-</u>	<u>C12N 15 I/-</u>	<u>C22B 26 I/-</u>
2016296923	2016304408	2015316744	2018200031		2017251714
<u>C07D 319 I/-</u>	<u>C07F 1 I/-</u>	<u>C08G 59 I/-</u>	<u>C09K 5 I/-</u>		<u>C22B 3 I/-</u>
2016369134	2014272855	2015303289	2015334728	2013262804 2013265343 2013299608 2013334652 2014317807 2014340201 2017202437 2017204047	2017402895
<u>C07D 401 I/-</u>	<u>C07F 15 I/-</u>	<u>C08G 77 I/-</u>	<u>C09K 8 I/-</u>		<u>C22B 34 I/-</u>
2015291477 2016244228 2016304408	2014272855	2017203617	2015235926		2017301099
<u>C07D 403 I/-</u>	<u>C07F 3 I/-</u>	<u>C08J 11 I/-</u>	<u>C10G 1 I/-</u>		<u>C23C 18 I/-</u>
2015213679 2015291477 2017228527	2014272855	2015354330 2016369134	2014366344	<u>C10G 11 I/-</u>	2018200031
<u>C07D 403 I/-</u>	<u>C07F 5 I/-</u>	<u>C08J 5 I/-</u>	<u>C10G 11 I/-</u>		<u>C23C 2 I/-</u>
2015213679 2015291477 2017228527	2014272855	2017203606	2015204193	2013370932 2017200440 2017228547	2016252162
<u>C07D 405 I/-</u>	<u>C07H 1 I/-</u>	<u>C08J 9 I/-</u>	<u>C10G 2 I/-</u>	<u>C12N 7 I/-</u>	<u>C25B 1 I/-</u>
2015250900 2015291477 2016244228 2016304408 2017203014	2016245659	2016200429	2014213837	2015345579	2014290913
<u>C07D 409 I/-</u>	<u>C07H 15 I/-</u>	<u>C08K 3 I/-</u>	<u>C10G 3 I/-</u>	<u>C12N 9 I/-</u>	<u>C25B 11 I/-</u>
2015250900 2015291477 2016244228 2016304408 2017203014	2016245659	2017203606 2018200031	2016285908	2013265343 2014228231	2014290913
<u>C07D 409 I/-</u>	<u>C07J 17 I/-</u>	<u>C08K 5 I/-</u>	<u>C10G 45 I/-</u>	<u>C12P 19 I/-</u>	<u>C25B 9 I/-</u>
2016244228	2014414533	2017203617	2015204193	2013389346 2016277564	2014290913
<u>C07D 413 I/-</u>	<u>C07K 14 I/-</u>	<u>C08K 7 I/-</u>	<u>C10L 1 I/-</u>	<u>C12P 21 I/-</u>	<u>C25C 3 I/-</u>
2015250900 2015291477 2016304408	2014317807 2016369326 2017202354 2017202437 2017204047	2017203606	2014366344 2015267136 2015283227	2014317807	2015208859
<u>C07D 417 I/-</u>	<u>C07K 16 I/-</u>	<u>C08K 9 I/-</u>	<u>C10L 10 I/-</u>	<u>C12P 3 I/-</u>	<u>C40B 30 I/-</u>
2015238574 2015291477 2016351526 2017228527	2016228280 2017202437 2017204320	2015357416	2015267136	2016277564	<u>D06F 37 I/-</u>
<u>C07D 471 I/-</u>	<u>C07K 19 I/-</u>	<u>C08L 33 I/-</u>	<u>C10M 133 I/-</u>	<u>C12P 5 I/-</u>	2016330089 2016384524
2015260349 2015285142 2015291477 2016304408	2017202437	2015283028	2015267136 2016307780	2014366344 2016277564 2016306343	<u>D06F 39 I/-</u>
<u>C07D 487 I/-</u>	<u>C07K 7 I/-</u>	<u>C08L 63 I/-</u>	<u>C10M 135 I/-</u>	<u>C12P 7 I/-</u>	2016384524
2015291477 2016208528 2016307230 2017202145	2014340201 2014396468	2015303289	2016307780	2016277564	<u>D06M 11 I/-</u>
	<u>C08B 11 I/-</u>	<u>C08L 83 I/-</u>	<u>C10N 10 I/-</u>	<u>C12Q 1 I/-</u>	2014348468
	2015238528	2017203617	2016307780	2013274879 2014305994 2017200440 2017220785	<u>D21H 17 I/-</u>
	<u>C08B 37 I/-</u>	<u>C09C 1 I/-</u>	<u>C10N 20 I/-</u>		2018201033
	2013389346	2015357416 2018200031	2015267136	<u>C12R 1 I/-</u>	<u>E01F 9 I/-</u>
		<u>C09D 151 I/-</u>	2015267136		2015228373
		2015316744		2013334652	

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<u>E02D 1 /-</u>	<u>E21B 41 /-</u>	2017402895	<u>F21S 8 /-</u>	<u>F41A 9 /-</u>	<u>G01S 19 /-</u>
2016328634	2016208499	<u>F04B 53 /-</u>	2019200324	2015334060	2015243801
<u>E02D 29 /-</u>	<u>E21B 43 /-</u>	2015343119	<u>F21V 23 /-</u>	<u>G01B 11 /-</u>	<u>G01T 1 /-</u>
2015263115	2015229199	2017402895	2019200324	2017264974	2014372312
2017203606	2015235926	<u>F04C 18 /-</u>	<u>F21V 8 /-</u>	<u>G01D 4 /-</u>	<u>G01V 1 /-</u>
<u>E03C 1 /-</u>	2016208499	2014388058	2015240068	2015289748	2015383884
2015254712	<u>E21B 44 /-</u>	<u>F04C 23 /-</u>	<u>F23G 5 /-</u>	<u>G01F 19 /-</u>	<u>G01V 3 /-</u>
<u>E04B 1 /-</u>	2015217621	2015310560	2014367041	2017407999	2016202141
2015208670	<u>E21B 47 /-</u>	<u>F04C 25 /-</u>	<u>F23G 7 /-</u>	<u>G01F 22 /-</u>	<u>G01V 5 /-</u>
2017201164	2015229199	2014388058	2014367041	2017407999	2014372312
<u>E04B 7 /-</u>	2015379592	<u>F04C 28 /-</u>	<u>F23N 5 /-</u>	<u>G01J 3 /-</u>	2018200809
2017201164	2015383884	2014388058	2014367041	2015417574	<u>G01V 8 /-</u>
<u>E04F 10 /-</u>	2018201764	2015310560	<u>F24H 1 /-</u>	2016328634	2016225774
2015203950	2015210478	<u>F04D 29 /-</u>	2015334728	<u>G01M 17 /-</u>	<u>G02B 21 /-</u>
<u>E04F 13 /-</u>	<u>E21C 47 /-</u>	2016305781	<u>F24S 20 /-</u>	2015317139	2014202990
2016342075	2014402646	<u>F16B 19 /-</u>	2015203950	<u>G01M 3 /-</u>	<u>G02B 27 /-</u>
<u>E04H 17 /-</u>	<u>F02B 25 /-</u>	2015221418	<u>F24S 90 /-</u>	2016238178	2015320043
2017204440	2016217589	<u>F16C 25 /-</u>	2015334728	2018232969	2016357105
<u>E04H 4 /-</u>	<u>F02D 19 /-</u>	2017229238	<u>F24V 30 /-</u>	<u>G01N 1 /-</u>	2016385427
2016276326	2015283227	<u>F16D 65 /-</u>	2015334728	2014202990	2017296238
<u>E04H 6 /-</u>	<u>F02D 41 /-</u>	2016413538	<u>F25B 5 /-</u>	2017239522	<u>G02B 5 /-</u>
2015262955	2015283227	<u>F16F 1 /-</u>	<u>F25C 1 /-</u>	<u>G01N 13 /-</u>	2016385427
<u>E04H 9 /-</u>	<u>F02M 25 /-</u>	2017248439	<u>F25D 21 /-</u>	2014372103	<u>G02F 1 /-</u>
2017201164	2015283227	<u>F16G 3 /-</u>	2015250756	<u>G01N 21 /-</u>	2017219169
<u>E06B 3 /-</u>	<u>F02M 61 /-</u>	2016405228	2015411493	2016328634	<u>G03H 1 /-</u>
2015376858	2016217589	<u>F16H 25 /-</u>	<u>F25J 3 /-</u>	<u>G01N 23 /-</u>	2017296238
<u>E21B 17 /-</u>	<u>F02M 69 /-</u>	2017218842	2019200109	2018200809	<u>G05B 23 /-</u>
2018201764	2016217589	<u>F16H 61 /-</u>	<u>F28D 15 /-</u>	<u>G01N 27 /-</u>	2015210478
<u>E21B 19 /-</u>	<u>F03B 11 /-</u>	2017204868	2019200109	2014370087	<u>G05D 1 /-</u>
2015223466	2014321130	<u>F16K 31 /-</u>	<u>F28D 21 /-</u>	<u>G01N 30 /-</u>	2014402646
2018201764	<u>F03D 1 /-</u>	2017218842	2015250756	2016371019	2017201498
<u>E21B 21 /-</u>	2015211182	<u>F16L 15 /-</u>	<u>F28D 7 /-</u>	<u>G01N 33 /-</u>	2017305353
2015383884	<u>F03D 3 /-</u>	2014366215	2015250756	2014290933	<u>G05D 9 /-</u>
<u>E21B 23 /-</u>	2014396455	<u>F16L 19 /-</u>	<u>F41A 23 /-</u>	2014311977	2014321130
2018201764	<u>F03D 9 /-</u>	2017266879	2015334060	2016328634	<u>G05F 7 /-</u>
<u>E21B 31 /-</u>	2017227662	<u>F16L 21 /-</u>	<u>F41A 25 /-</u>	2017200440	2014321130
2018201764	<u>F04B 27 /-</u>	2017266879	<u>G01R 15 /-</u>	2017200933	<u>G06F 1 /-</u>
<u>E21B 33 /-</u>	2017202302	<u>F16L 59 /-</u>	<u>G01R 31 /-</u>	2017220785	2014201369
2017218842	<u>F04B 43 /-</u>	2015405840	2014365237	2013407826	<u>G06F 11 /-</u>
2018201764	2015343119			2012394385	<u>G06F 12 /-</u>

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2016397188	<u>G06T 7 /-</u>	<u>H01R 4 /-</u>	<u>H04L 12 /-</u>	<u>H05K 1 /-</u>
<u>G06F 15 /-</u>	2016328634	2014351982	2015227337	2016243992
2014205387	2016338497	2017216480	2016202860	<u>H05K 5 /-</u>
<u>G06F 16 /-</u>	<u>G08G 1 /-</u>	<u>H02G 15 /-</u>	2018201833	2014339749
2014415350	2014402646	2014339749	<u>H04L 27 /-</u>	2016401401
2017248412	2015228373	<u>H02G 9 /-</u>	2016275231	<u>H05K 9 /-</u>
<u>G06F 17 /-</u>	<u>G09F 1 /-</u>	2017203606	2016292951	2014351577
2014238484	2015249074	<u>H02J 3 /-</u>	<u>H04L 29 /-</u>	
2014331143	<u>G09G 5 /-</u>	2014331143	2015289748	
2017202110	2017232198	2015320405	2016319754	
2018202580	<u>G10L 15 /-</u>	<u>H02J 7 /-</u>	<u>H04L 9 /-</u>	
<u>G06F 21 /-</u>	2019200295	2015203950	2018201833	
2014205387	<u>G10L 19 /-</u>	2015340726	<u>H04M 1 /-</u>	
<u>G06F 3 /-</u>	2015291897	2016217361	2015417574	
2013228040	<u>H01B 13 /-</u>	<u>H02K 1 /-</u>	<u>H04N 5 /-</u>	
2013257392	2017201487	2016366625	2015417574	
2013266972	<u>H01F 41 /-</u>	<u>H02K 15 /-</u>	2016338497	
2013366156	2014354868	2016366625	<u>H04Q 3 /-</u>	
2014200272	<u>H01L 21 /-</u>	<u>H02K 21 /-</u>	2014369962	
2014200472	2014317814	2016366625	<u>H04W 24 /-</u>	
2014201776	<u>H01L 23 /-</u>	<u>H02K 3 /-</u>	2017204879	
2015320043	<u>H01L 27 /-</u>	2016366625	<u>H04W 28 /-</u>	
2016267216	2015417766	<u>H02K 37 /-</u>	2014200272	
2016357105	<u>H01L 27 /-</u>	2016366625	2016292951	
2017279639	2015417766	<u>H02K 9 /-</u>	<u>H04W 36 /-</u>	
2019200295	<u>H01M 10 /-</u>	2017227662	2015385199	
<u>G06F 7 /-</u>	2016217361	<u>H02P 6 /-</u>	<u>H04W 72 /-</u>	
2012394385	2016243992	2016243992	2015264603	
2017272276	<u>H01M 2 /-</u>	<u>H02S 10 /-</u>	2015403755	
<u>G06F 9 /-</u>	2016243992	2017203010	2016270139	
2016319754	<u>H01M 8 /-</u>	<u>H03M 1 /-</u>	2018200493	
<u>G06N 99 /-</u>	2014290913	2014365237	<u>H04W 76 /-</u>	
2017219169	<u>H01Q 17 /-</u>	<u>H04B 17 /-</u>	2017204879	
<u>G06Q 10 /-</u>	2014351577	2016292951	<u>H04W 8 /-</u>	
2016219217	<u>H01R 101 /-</u>	<u>H04B 5 /-</u>	2015289748	
2016316932	2014351982	2016202141	2016370385	
<u>G06Q 40 /-</u>	<u>H01R 11 /-</u>	<u>H04B 7 /-</u>	<u>H04W 84 /-</u>	
2014331143	2014351982	2014353075	2016370385	
<u>G06T 13 /-</u>	<u>H01R 13 /-</u>	2016283501	<u>H04W 88 /-</u>	
2017232198	2014339749	<u>H04L 1 /-</u>	2016292951	
<u>G06T 15 /-</u>	2014351982	2015409323	<u>H05B 3 /-</u>	
2012390266			2014381786	
<u>G06T 3 /-</u>				
2016338497				
<u>G06T 5 /-</u>				
2016338497				

Certified Innovation Patents

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

(71) Cre8 Innov8 Pty Ltd (11) AU-B-2018100728 (21) 2018100728 (22) 01.06.2018 (54) A distributed power outlet power monitoring system (51) Int. Cl. H02J 13/00 (2006.01) G01R 19/00 (2006.01) (45) 21.02.2019 (62) PCT/AU2017/050032 (72) Lam, Adam; Pellegrino, Tim (74) Patentec Patent Attorneys	G06Q 50/26 (2012.01) (45) 21.02.2019 (62) 2018100275 (72) Hardy, Robert Peter (74) Phillips Ormonde Fitzpatrick
(71) CSR Building Products Limited (11) AU-B-2018100892 (21) 2018100892 (22) 28.06.2018 (54) WALL STRUCTURE AND METHOD (51) Int. Cl. E04B 2/28 (2006.01) E04B 1/82 (2006.01) E04B 2/00 (2006.01) (45) 21.02.2019 (62) 2014201979 (72) BAX, Chad (74) Griffith Hack	(71) STM Management Pty Ltd (11) AU-B-2016100745 (21) 2016100745 (22) 24.05.2016 (54) A CASE FOR A TABLET SHAPED DEVICE AND A METHOD FOR MAKING A CASE FOR A TABLET SHAPED DEVICE. (51) Int. Cl. H05K 5/00 (2006.01) A45C 11/00 (2006.01) A45C 15/00 (2006.01) H05K 5/02 (2006.01) (45) 21.02.2019 (72) NYHOLM, Ethan; SMYTH, Cambell (74) Phoenix Intellectual Property
(71) inodyn NewMedia GmbH (11) AU-B-2018100896 (21) 2018100896 (22) 28.06.2018 (54) Maximizing the size of a wide-screen movie on a mobile device with a front camera (51) Int. Cl. H04M 1/02 (2006.01) (31) GB1710466.2 (32) 29.06.17 (33) GB (45) 21.02.2019 (72) Pantel, Lothar (74) inodyn NewMedia GmbH	(71) Stuart, M. (11) AU-B-2018101670 (21) 2018101670 (22) 07.11.2018 (54) Hinge (51) Int. Cl. E05D 11/10 (2006.01) E05D 7/086 (2006.01) (45) 21.02.2019 (62) 2017201858 (72) Stuart, Michael Christopher (74) Spruson & Ferguson
(71) inodyn NewMedia GmbH (11) AU-B-2018100897 (21) 2018100897 (22) 28.06.2018 (54) Mobile device with front camera and maximized screen surface (51) Int. Cl. H04M 1/02 (2006.01) (31) GB1710466.2 (32) 29.06.17 (33) GB (45) 21.02.2019 (72) Pantel, Lothar (74) inodyn NewMedia GmbH	(71) Zelda Therapeutics Operations Pty Ltd (11) AU-B-2018100837 (21) 2018100837 (22) 19.06.2018 (54) Sleep Disorder Compositions and Treatments Thereof (51) Int. Cl. A61K 31/352 (2006.01) A61P 25/00 (2006.01) (31) 2017902338 (32) 19.06.17 (33) AU 2017904818 29.11.17 AU (45) 21.02.2019 (72) GORDON, Mara; SMITH, Stewart; WASHER, Stewart; WASHER, Patrizia; KARELIS, Harry (74) Griffith Hack
(71) MARARLEE PTY LTD (11) AU-B-2018101668 (21) 2018101668 (22) 07.11.2018 (54) SYSTEM AND METHOD FOR DELIVERY AND RECEIPT OF ELECTRONIC COMMUNICATIONS (51) Int. Cl. H04L 12/58 (2006.01)	

Numerical Index

2016100745	STM Management Pty Ltd
2018100728	Cre8 Innov8 Pty Ltd
2018100837	Zelda Therapeutics Operations Pty Ltd
2018100892	CSR Building Products Limited
2018100896	inodyn NewMedia GmbH
2018100897	inodyn NewMedia GmbH
2018101668	MARARLEE PTY LTD
2018101670	Stuart, M.

IPC Index

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2018100837

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2018100892

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G06Q 50 /-

2018101668

H02J 13 /-

2018100728

H04L 12 /-

2018101668

H04M 1 /-

2018100896

2018100897

H05K 5 /-

2016100745

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2014315695	Lumenco, LLC (CCL Secure Pty Ltd)
2014370084	Cyttec Industries Inc. (Nalco Company)
2016426598	Neurim Pharmaceuticals Ltd. (Generic Partners Pty Ltd)
2017203754	Diros Technology Inc. (Biomerics, LLC)
2017375976	Laura Metaal Holding B.V. (Pini, M.)

Opposition Withdrawn

2013204785	Fin Control Systems Pty. Limited (The Leisure Collective International Pty Ltd)
2013334500	Vale S.A. (New Steel S.A.)

Opposition under Section 104(4) - Lodged

2010201665	Meridian Medical Technologies, Inc. (MARTIN IP PTY LTD)
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Opposition under Section 104(4) - Withdrawn

2013334500	Vale S.A. (New Steel S.A.)
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Patents Granted

Standard Patents

2013224692	2013233929	2013271538	2013282353
2013306104	2013309642	2013327687	2013335065
2013337638	2013337717	2013347962	2013352436
2013371957	2013393223	2013400927	2014203254
2014204671	2014207355	2014209251	2014217569
2014218388	2014224378	2014233308	2014236004
2014239290	2014241502	2014247020	2014249127
2014252951	2014253090	2014253579	2014255755
2014258386	2014259503	2014262290	2014267126
2014271125	2014280344	2014283409	2014283427
2014284168	2014286993	2014287122	2014305095
2014317408	2014325078	2014326395	2014329339
2014331528	2014342595	2014346647	2014349246
2014354711	2014356233	2014356277	2014357545
2014359338	2014360561	2014368927	2014369554
2014369852	2014370354	2014373967	2014376225
2014393755	2014406472	2014406966	2014411037
2014411040	2015204805	2015213352	2015214591
2015217271	2015218537	2015219766	2015220551
2015228727	2015235828	2015237104	2015242788
2015248543	2015252368	2015256000	2015256018
2015256213	2015256412	2015265669	2015271829
2015275510	2015276296	2015276335	2015276542
2015278485	2015282298	2015284021	2015289296
2015295145	2015295640	2015304847	2015305754
2015312794	2015316393	2015332447	2015349821
2015350963	2015356883	2015360760	2015362900
2015369817	2015369983	2015371638	2015371639
2015383603	2015394337	2015398193	2015401871
2015407553	2016202635	2016202731	2016203370
2016204272	2016204771	2016205965	2016210718
2016211918	2016212552	2016213824	2016216179
2016216605	2016216719	2016216724	2016225791
2016225862	2016226302	2016238968	2016244168

Patents Granted

Standard Patents

2016244332	2016244333	2016250341	2016253566
2016256819	2016259325	2016262698	2016262720
2016262756	2016265991	2016266812	2016267916
2016271144	2016271598	2016277630	2016277652
2016277702	2016284583	2016291555	2016316560
2016320708	2016328015	2016333188	2016340834
2016403208	2017200094	2017200500	2017200545
2017201115	2017201505	2017201943	2017202025
2017202043	2017202170	2017202331	2017202442
2017202819	2017203059	2017203132	2017203133
2017203138	2017203198	2017203218	2017203380
2017203575	2017203686	2017203717	2017203887
2017204379	2017204497	2017221892	2017226073
2017228608	2017232129	2017232152	2017248518
2017258866	2017258873	2017265063	2017265179
2017268573	2017279570	2018200422	2018200699
2018201685	2018203370		

Innovation Patents

2017101846	2018101871	2019100002	2019100023
2019100037	2019100039	2019100042	2019100043
2019100044	2019100045	2019100046	2019100047
2019100048	2019100049	2019100050	2019100053
2019100054	2019100055	2019100056	2019100057
2019100058	2019100060	2019100063	2019100066
2019100067	2019100071	2019100073	2019100074

Revocation

It is hereby notified that as a consequence of a decision by the Commissioner dated 12.02.2019 , Patent 2014209107 in the name of **Viamet Pharmaceuticals (NC), Inc.** has been revoked in relation to a re-examination and subsequent revocation under Section 101 of the Patents Act.

Assignments Registered

1994065381 Takeda GmbH The patent has been assigned to **As-traZeneca AB**

2000029233 Imerys Minerals Limited The patent has been assigned to **Imertech SAS**

2000079531 Takeda GmbH The patent has been assigned to **As-traZeneca AB**

2000079532 Takeda GmbH The patent has been assigned to **As-traZeneca AB**

2002040670 Mitsubishi Chemical Corporation; Pacific Metals Co., Ltd. The patent has been assigned to **Pacific Metals Co., Ltd.**

2002305758 Pozen Inc The patent has been assigned to **Nuvo Pharmaceuticals (Ireland) Designated Activity Company**

2002324002 Nanohybrid Co., Ltd The patent has been assigned to **HYUNDAIBIOSCIENCE CO., LTD.**

2003226388 Piedmont Pharmaceuticals, LLC The patent has been assigned to **Nuvo Pharmaceuticals (Ireland) Limited**

2003303631 Pozen Inc. The patent has been assigned to **Nuvo Pharmaceuticals (Ireland) Designated Activity Company**

2004225409 LG Electronics Inc. The patent has been assigned to **Sisvel International S.A.**

2004240053 LG Electronics Inc. The patent has been assigned to **Sisvel International S.A.**

Assignments Registered

2004320291 Fenzian Limited The patent has been assigned to **Oxford Bioelectronics Limited**

2005254404 Showa Denko K.K. The patent has been assigned to **PT Indonesia Chemical Alumina**

2006235929 Pozen Inc. The patent has been assigned to **Nuvo Pharmaceuticals (Ireland) Designated Activity Company**

2008203312 Piedmont Pharmaceuticals, LLC The patent has been assigned to **Nuvo Pharmaceuticals (Ireland) Limited**

2009200966 Pozen Inc. The patent has been assigned to **Nuvo Pharmaceuticals (Ireland) Designated Activity Company**

2009243693 FENZIAN LTD The patent has been assigned to **Oxford Bioelectronics Limited**

2010264095 Pfizer Inc. The patent has been assigned to **Biogen MA Inc.**

2010266026 Pozen Inc. The patent has been assigned to **Nuvo Pharmaceuticals (Ireland) Designated Activity Company**

2010365029 Microsoft Corporation The patent has been assigned to **Microsoft Technology Licensing, LLC**

2011212742 IC Discovery GmbH The patent has been assigned to **nanoPET Pharma GmbH**

2011329870 Peliks, Robert The patent has been assigned to **Becton, Dickinson and Company**

2012246064 Microtest Matrices Limited The patent has been assigned to **Lumiradx UK Limited**

2012250973 eBay, Inc. The patent has been assigned to **PayPal Inc.**

2012264031 Sun Patent Trust The patent has been assigned to **Velos Media International Limited**

2012274208 Imerys Minerals Limited The patent has been assigned to **Imertech SAS**

2012274765 Sun Patent Trust The patent has been assigned to **Velos Media International Limited**

2012301042 LTS Lohmann Therapie-Systeme AG The patent has been assigned to **LTS Lohmann Therapie-Systeme AG; Photonamic GmbH & Co. KG**

2012308084 Dual Tie Concepts Pty Ltd The patent has been assigned to **Biggers, Michael**

2013231449 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2013231466 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2013248413 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2013276015 Xiamen University; Xiamen Innovax Biotech Co., Ltd. The patent has been assigned to **Yang Sheng Tang Company, Ltd.; Xiamen University**

2013305182 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2013326601 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

Assignments Registered

2013328869 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2013346797 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2013351282 Lafarge The patent has been assigned to **Holcim Technology Ltd**

2013361831 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2014206931 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2014214888 Electro Scientific Industries, Inc. The patent has been assigned to **Elemental Scientific Lasers, LLC**

2014228108 Electro Scientific Industries, Inc. The patent has been assigned to **Elemental Scientific Lasers, LLC**

2014243350 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2014265762 Eli Lilly and Company The patent has been assigned to **Elanco US Inc.**

2014270208 Saint-Gobain Construction Products UK Limited The patent has been assigned to **Saint-Gobain Placo SAS**

2014314327 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2014339024 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2014350103 Imerys Ceramics France The patent has been assigned to **Imertech SAS**

2014356631 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2015100232 Daley, Phillip The patent has been assigned to **Ramsden, James**

2015208397 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2015217924 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2015226256 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2015252343 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2015252344 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2015308215 Hughes, Thomas The patent has been assigned to **Pyramid Innovation Ltd**

2016101011 National ICT Australia Limited The patent has been assigned to **Coviu Global Pty. Ltd.**

2016201627 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2016201628 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

Assignments Registered

2016201629 Carebay Europe Ltd The patent has been assigned to **SHL Medical AG**

2017201515 Sony Corporation The patent has been assigned to **Velos Media International Limited**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

1999025389 **Pharma Mar S.A.**

The earliest first regulatory approval date provided by the patentee 12 Dec 2018

For the goods APLIDIN plitidepsin

Extensions granted

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

2006330411 **Janssen Biotech, Inc.**

The earliest first regulatory approval date provided by the patentee 15 Mar 2018

For the goods TREMFYA guselkumab

Extension of Term of patent pursuant to Section 77 expires on 28 Dec 2031

Corrigenda

In Vol 30 , No 7 , Page(s) 918 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Shenzhen Chuangwei-Rgb Electronic Co., Ltd., Application No. 2014386583, under INID (71) correct the applicant name to Shenzhen Chuangwei-RGB Electronic Co., Ltd.

In Vol 33 , No 4 , Page(s) 630 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name BeiGene, Ltd., Application No. 2017293423, Under INID (72) add co-inventors Song, Jing and Wang, Lai. Under INID (54) correct the title to read Combination of a PD-1 antagonist and a RAF inhibitor for treating cancer

In Vol 33 , No 4 , Page(s) 659 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names University of South Australia and Curtin University of Technology, Application No. 2017298560, under INID (71) correct the applicant name to Curtin University

In Vol 33 , No 4 , Page(s) 700 under the heading **Applications Accepted - Name Index** Under the name The Coca-Cola Company, Application No. 2014312021, under INID (72) remove the co-inventor Schultheis, Mikkel W.

In Vol 33 , No 6 , Page(s) 857 under the heading **Assignments Before Grant, Section 113 - 2014** Under the name CommScope Connectivity Australia Pty Ltd; ADC Telecommunications, Inc.; CommScope Telecommunications (Shanghai) Co. Ltd.; CommScope Technologies LLC, Application No. 2014379258, under INID (71) remove co-applicant ADC Telecommunications, Inc. and add co-applicant ADC Communications (Australia) Pty Limited

In Vol 33 , No 6 , Page(s) 858 under the heading **Amendments - Application for Amendments** Under the name General Electric Com-

Corrigenda

pany, Application No. 2015201868 correct the date of the statements filed to read 21 Jan 2019 and 17 Jan 2019

In Vol 33 , No 6 , Page(s) 866 under the heading **Applications OPI - Name Index** Under the name Janssen Pharmaceutica NV, Application No. 2019200424, under INID (72) correct the co-inventor to BENTZ, Johanna

In Vol 33 , No 6 , Page(s) 905 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Wake Forest University Health Sciences Application No. 2017306548, Under INID (72) add co-inventor Votanopoulos, Konstantinos

In Vol 33 , No 6 , Page(s) 943 under the heading **Applications Accepted - Name Index** Under the name Shenzhen Chuangwei-Rgb Electronic Co., Ltd., Application No. 2014386583, under INID (71) correct the applicant name to Shenzhen Chuangwei-RGB Electronic Co., Ltd.

Specifications Republished

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

2016276806 **Je Il Pharmaceutical Co., Ltd.**