AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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or contact our Customer Service Network on 1300651010

Editorial enquiries
Contact information
Freedom of Information ACT
Professional Standards Board
Sales
Requests for Information under Section 194 (c)
Country Codes
Trade Mark and Designs Hearing Sessions
INID (Internationally agreed Numbers for the Identification of Data)
GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -
This is the act of making an application. When the application is first filed certain details are published.

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

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

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

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

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

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

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

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

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

See Examples:
- 2011236254 and 2000023658 (Standard Complete)
- 2011158589 (Innovation Complete)
- 2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

In addition to the Name Index there is provided, for each of these categories, a Numerical Index This index lists the applications either in order of their Application Numbers, in the case of complete applications filed and applications OPI, or in order of their Document Number in the case of accepted applications. It provides, for each number, the name of the applicant. These indices are useful if you wish to track the progress of a particular patent application.
There are also IPC Indices provided for applications which are OPI and for applications which have been accepted. IPC stands for International Patent Classification. Each IPC "mark" is an alpha-numerical representation of a particular area of technology. These indices are in order of IPC mark, and within each mark provide either the application numbers of the application which are now OPI or the numbers of the cases now accepted. These indices are useful if you wish to check on patent activity in a particular technology.

**Using the Indices**

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

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

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

<table>
<thead>
<tr>
<th>ITEM</th>
<th>INID No.</th>
<th>ITEM</th>
<th>INID No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>C) Applications open to public inspection - Name Index</td>
<td></td>
<td>D) Applications accepted - Name Index</td>
<td></td>
</tr>
<tr>
<td>The name of the applicant</td>
<td>(71)</td>
<td>The name of the applicant</td>
<td>(71)</td>
</tr>
<tr>
<td>The number of the document</td>
<td>(11)</td>
<td>The number of the document</td>
<td>(11)</td>
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<tr>
<td>The number assigned to the application</td>
<td>(21)</td>
<td>The number assigned to the application</td>
<td>(21)</td>
</tr>
<tr>
<td>The date of filing</td>
<td>(22)</td>
<td>The date of filing</td>
<td>(22)</td>
</tr>
<tr>
<td>The title</td>
<td>(54)</td>
<td>The title</td>
<td>(54)</td>
</tr>
<tr>
<td>The classification marks</td>
<td>(51)</td>
<td>The classification marks</td>
<td>(51)</td>
</tr>
<tr>
<td>Priority document number(s)</td>
<td>(31)</td>
<td>Priority document number</td>
<td>(31)</td>
</tr>
<tr>
<td>Date of filing of priority document(s)</td>
<td>(32)</td>
<td>Date of filing of priority document(s)</td>
<td>(32)</td>
</tr>
<tr>
<td>Country in which priority document filed</td>
<td>(33)</td>
<td>Country in which priority document filed</td>
<td>(33)</td>
</tr>
<tr>
<td>Publication date of unexamined document</td>
<td>(43)</td>
<td>Publication date of unexamined document</td>
<td>(43)</td>
</tr>
<tr>
<td>Inventors names if known</td>
<td>(72)</td>
<td>Inventors names</td>
<td>(72)</td>
</tr>
<tr>
<td>E) Patents Certified – Name Index</td>
<td></td>
<td>Related by division</td>
<td>(62)</td>
</tr>
</tbody>
</table>

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 know 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.

<table>
<thead>
<tr>
<th>AU-A</th>
<th>AU-B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-examination</td>
<td>Post-examination</td>
</tr>
</tbody>
</table>

(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.
Official Notice

Director General of IP Australia

Declaration of the days when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office are taken not to be open for business


The Director General of IP Australia ("Director General") is the person prescribed under paragraph 2(b) of each of those sections. This means that the Director General can declare in writing a day or days on which the Offices are taken not to be open for business for the purposes of those sections. Paragraph (4) (a) of each of those sections provides that such a declaration may be made before, on or after the day on which the Offices are taken to be not open for business.

I, Michael Schwager, as the person currently employed as the Director General of IP Australia, declare the days in the period 1 January 2019 to 1 January 2020, when the Offices are taken not to be open for business for the purpose of the sections mentioned above, as specified in the attached Schedule, Part 1.

[Signature]
Director General of IP Australia
24 October 2018
Declaration of the days in the period 1 January 2019 to 1 January 2020 when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office are taken not to be open for business

<table>
<thead>
<tr>
<th>AUTHORITY</th>
<th>Director General of IP Australia</th>
</tr>
</thead>
<tbody>
<tr>
<td>REFERENCES</td>
<td>Section 136A of the Designs Act 2003,</td>
</tr>
<tr>
<td></td>
<td>Section 14A of the Olympic Insignia Protection Act 1987,</td>
</tr>
<tr>
<td></td>
<td>Section 222A of the Patents Act 1990,</td>
</tr>
<tr>
<td></td>
<td>Section 76A of the Plant Breeder’s Rights Act 1994 and</td>
</tr>
<tr>
<td></td>
<td>Section 223A of the Trade Marks Act 1995</td>
</tr>
</tbody>
</table>

Part 1  Days when the Designs Office, the Patent Office, the PBR Office and the Trade Marks Office—all located in the Australian Capital Territory—are taken not to be open for business

All Saturdays and Sundays in the period

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, 1 January 2019</td>
<td>New Year’s Day</td>
</tr>
<tr>
<td>Monday, 28 January 2019</td>
<td>Australia Day (observed)</td>
</tr>
<tr>
<td>Monday, 11 March 2019</td>
<td>Canberra Day</td>
</tr>
<tr>
<td>Friday, 19 April 2019</td>
<td>Good Friday</td>
</tr>
<tr>
<td>Monday, 22 April 2019</td>
<td>Easter Monday</td>
</tr>
<tr>
<td>Thursday, 25 April 2019</td>
<td>ANZAC Day</td>
</tr>
<tr>
<td>Monday, 27 May 2019</td>
<td>Reconciliation Day</td>
</tr>
<tr>
<td>Monday, 10 June 2019</td>
<td>Queen’s Birthday Holiday</td>
</tr>
<tr>
<td>Monday, 7 October 2019</td>
<td>Labour Day</td>
</tr>
<tr>
<td>Wednesday, 25 December 2019</td>
<td>Christmas Close Down</td>
</tr>
<tr>
<td>Wednesday, 1 January 2020</td>
<td>Inclusive</td>
</tr>
</tbody>
</table>

Issued 10/10/2018
Official Notice

Changes in PCT Fees

In accordance with the directives adopted by the PCT Assembly at its Fortieth Session (held from September 22 to October 1, 2009), new equivalent amounts in AUD will be established with effect from 1 December 2018, as follows:

<table>
<thead>
<tr>
<th>International PCT Fees</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Transmittal Fee</td>
<td>$200</td>
</tr>
<tr>
<td>2. International Search Fee</td>
<td>$2200</td>
</tr>
<tr>
<td>3. International Filing Fee</td>
<td>$1924</td>
</tr>
<tr>
<td>If the application contains 30 Pages or less including</td>
<td></td>
</tr>
<tr>
<td>the request form</td>
<td></td>
</tr>
<tr>
<td>E-filing reductions</td>
<td></td>
</tr>
<tr>
<td>Electronic filings filed in PDF format via ePCT</td>
<td>$289</td>
</tr>
<tr>
<td>Electronic filings filed in XML format via ePCT</td>
<td>$434</td>
</tr>
<tr>
<td>PLUS</td>
<td></td>
</tr>
<tr>
<td>For each page in the application in excess of 30 Sheets</td>
<td>$20</td>
</tr>
<tr>
<td>4. Cost of Preparing Certified Copy of Basic Document</td>
<td>$50</td>
</tr>
<tr>
<td>per document</td>
<td></td>
</tr>
<tr>
<td>5. Copies of Specifications cited in the International</td>
<td>$50</td>
</tr>
<tr>
<td>Search Report</td>
<td>per copy</td>
</tr>
</tbody>
</table>

International Preliminary Examination Fees

<table>
<thead>
<tr>
<th>International Preliminary Examination Fee</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. International Preliminary Examination Fee</td>
<td></td>
</tr>
<tr>
<td>If the International Search was performed by IP Australia</td>
<td>$590</td>
</tr>
<tr>
<td>If the International search was not conducted by IP Australia</td>
<td>$820</td>
</tr>
<tr>
<td>2. International Preliminary Handling Fee</td>
<td>$289</td>
</tr>
</tbody>
</table>

Total If Search performed by IP Australia $879
Total if Search not performed by IP Australia $1109

Queries: Andrew Clearwater
PCT
+61 2 6283 2752/+61 2 6222 3626
Contact: IP Australia
Phone: 1300 651 010
E-mail: pct@ipaustralia.gov.au
Web: www.ipaustralia.gov.au

To be published in the Australian Official Journal of Patents (Supplement)
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Apple Inc. [2018] APO 72

Patent Application: 2016203040

Title: Devices, methods, and graphical user interfaces for manipulating user interface objects with visual and/or haptic feedback

Patent Applicant: Apple Inc.

Hearing Officer: Greg Powell

Decision Date: 26 October 2018

Hearing Date: Written Submissions filed 2 February 2018

Catchwords: PATENTS – examiner’s objections – graphical user interfaces with haptic control – novelty and inventive step — application accepted

Representation: FPA Patent Attorneys Pty Ltd
Abstract of Decision

IP AUSTRALIA
AUSTRALIAN PATENT OFFICE

Koppers Performance Chemicals New Zealand v Zelam Limited [2018] APO 73

Patent Application: 2011203019
Title: Synergistic Fungicidal Compositions and Methods of Use
Patent Applicant: Zelam Limited
Opponent: Koppers Performance Chemicals New Zealand
Hearing Officer: Dr S.D. Barker – Deputy Commissioner of Patents
Decision Date: 29 October 2018
Hearing Date: 12 September 2018 in Melbourne
Catchwords: PATENTS – opposition to the grant of a patent – inventive step – there is no lack of inventive step in the light of the common general knowledge or any of the citations – the claims include the option of a kit of parts and are to be amended to exclude that option

Representation: Counsel for the applicant: Ben Fitzpatrick
Patent attorneys for the applicant: David Tadgell and David Longmuir of Phillips Ormonde Fitzpatrick
Counsel for the opponent: Christian Dimitriadis SC and Clare Cunliffe
Patent attorney for the opponent: Dr Andrew Baker of AJ Park
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Vuly Trampolines Pty Ltd v Wei Yang [2018] APO 74


Titles: A type of frame structure for trampolines and the trampolines (2017216515 and 201428206)
Frame for trampoline and trampoline (PCT/CN2015/085447)

Patent Applicant: Wei Yang

Requestor: Vuly Trampolines Pty Ltd

Delegate: O L Haggar

Decision Date: 29 October 2018

Hearing Date: Written submissions completed on 4 June 2018

Catchwords: PATENTS – requests under section 36 – whether requestor is an eligible person – whether feature of pairs of upwardly cross-joined safety poles was communicated to the applicant during the course of his employment with the requestor – applicant found to have independently devised the safety pole feature after ceasing employment with the requestor – requestor not found to be an eligible person – costs awarded against the requestor

Representation: Patent attorney for the applicant: Jogias Patent and Trade Mark Attorneys
Patent attorney for the requestor: IP Solved (ANZ) Pty Ltd
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

iCeutica Pty Ltd [2018] APO 78

Patent Number: 2010239080
Title: A novel formulation of diclofenac
Patentee: iCeutica Pty Ltd
Hearing Officer: Dr S.D. Barker – Deputy Commissioner of Patents
Decision Date: 30 October 2018
Hearing Date: Written submissions filed on 3 September 2018; on 27 September 2018 the patentee advised that they did not wish to be heard in person

Catchwords: PATENTS – application for an extension of term – examiner objection – a unit dose of diclofenac acid of specified particle size and dissolution rate – pharmaceutical substance per se identified – whether the goods Zorvolex have the specified dissolution rate – dissolution rate not established on the balance of probabilities – application for extension of term refused

Representation: Patent attorney for the applicant: Wrays
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

DYWIDAG-Systems International Pty Limited v FCI Holdings Delaware, Inc. [2018] APO 75

Patent Application: 2015261553
Title: Tension Assembly
Opponent: DYWIDAG-Systems International Pty Limited
Delegate: Xavier Gisz
Decision Date: 30 October 2018
Hearing Date: 3 August 2018, in Sydney

Catchwords: PATENTS - opposition to the grant of the patent under s 59 – opposed on the basis of novelty, inventive step, support, and utility – clarity also considered – all grounds of opposition are unsuccessful – costs awarded against the opponent

Representation: Counsel for the applicant: Angus Lang
Patent attorney for the applicant: David Hughes and Jennifer Wyndham-Wheeler of Griffith Hack
Patent attorney for the opponent: Greg Gurr and David Kark of Spruson & Ferguson
Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

icine Pty Ltd [2018] APO 77

Patent Number: 2013273795

Title: Method for the Preparation of Biologically Active Compounds in Nanoparticle Form

Patentee: iCeutica Pty Ltd

Hearing Officer: Dr S.D. Barker – Deputy Commissioner of Patents

Decision Date: 30 October 2018

Hearing Date: Written submissions filed on 3 September 2018; on 27 September 2018 the patentee advised that they did not wish to be heard in person

Catchwords: PATENTS – application for an extension of term – examiner objection – nanoparticles of diclofenac – pharmaceutical substance per se identified – contained in the goods Zorvolex – nanoparticles of fenofibrate contained in the goods Lipidil – Lipidil is an earlier first inclusion in the ARTG – application not made within 6 months of the date of first inclusion of Lipidil – application for extension of term refused

Representation: Patent attorney for the applicant: Wrays
Abstract of Decision

IP AUSTRALIA
AUSTRALIAN PATENT OFFICE
iCeutica Pty Ltd [2018] APO 76

Patent Number: 2014208310
Title: A novel formulation of diclofenac
Patentee: iCeutica Pty Ltd
Hearing Officer: Dr S.D. Barker – Deputy Commissioner of Patents
Decision Date: 30 October 2018
Hearing Date: Written submissions filed on 3 September 2018; on 27 September 2018 the patentee advised that they did not wish to be heard in person
Catchwords: PATENTS – application for an extension of term – examiner objection – a unit dose of diclofenac having a specified particle size – pharmaceutical substance per se identified – contained in the goods Zorvolex – application for extension of term accepted
Representation: Patent attorney for the applicant: Wrays
Patent Application: 2013200107
Title: Wear assembly
Patent Applicant: Esco Group LLC
Opponent: Talon Engineering SDN. BHD.
Delegate: R Subbarayan
Decision Date: 30 October 2018
Hearing Date: 8 August 2018, in Melbourne

Catchwords: PATENTS – opposition to grant of patent – lock for wear member of excavating equipment – whether the claims are novel – whether claims are inventive – whether specification provides a full description – none of the grounds made out – costs awarded against the opponent

Representation: Counsel for the applicant: Tom Cordiner SC
Patent attorney for the applicant: Minter Ellison
Patent attorney for the opponent: Barry Newman of Armour IP
IP AUSTRALIA
AUSTRALIAN PATENT OFFICE

CQMS Pty Ltd. v Esco Group LLC [2018] APO 80

Patent Application: 2013202351
Title: Wear assembly
Patent Applicant: Esco Group LLC
Opponent: CQMS Pty Ltd.
Delegate: R Subbarayan
Decision Date: 30 October 2018
Hearing Date: 9 August 2018, in Melbourne

Catchwords: PATENTS – opposition to grant of patent – method of shipping wear member of excavating equipment – whether the claims are novel – whether claims are inventive – whether the claims define the invention – whether specification provides a full description – whether the claims are fairly based – whether the claims relate to a manner of manufacture – whether the claims are useful – none of the grounds made out – costs awarded against the opponent

Representation: Counsel for the applicant: Tom Cordiner SC
Patent attorney for the applicant: Minter Ellision
Counsel for the opponent: Sean Cooper
Patent attorney for the opponent: Fisher Adams Kelly Callinans
Proceedings under the Patents Act 1990

Provisional Applications Filed

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(71) Airwareness Group Pty Ltd
(21) 2018904087 (22) 28.10.2018
(54) Bag holder

(71) Akamas & Co Pty Ltd
(21) 2018904032 (22) 23.10.2018
(54) Remote Controlled Motor Driven Sled

(71) Alertness CRC Ltd
(21) 2018904007 (22) 22.10.2018
(54) Sleep Disorder Diagnosis

(71) ARCACTIVE LIMITED
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(54) LEAD-ACID BATTERY

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(54) LEAD-ACID BATTERY

(71) Arnolds Innovations Pty Ltd
(21) 2018904008 (22) 22.10.2018
(54) A putting training device

(71) Arnolds Innovations Pty Ltd
(21) 2018904009 (22) 22.10.2018
(54) A stroke trainer for chipping

(71) Australian Rig Construction Holdings Pty Ltd
(21) 2018904070 (22) 26.10.2018
(54) Apparatus

(71) Bacskai, T.
(21) 2018904047 (22) 25.10.2018
(54) A container insert for a boat casting deck

(71) BANALIB Pty Ltd; Watkins, A.
(21) 2018904079 (22) 27.10.2018
(54) An online application to be accessed by residential tenants to book to have their ingoing property inspection report properly checked by a third party on behalf of the tenants. It will enable the tenants to log in and book online to make the appointment for the ingoing property report to be checked for errors and items missed by the landlord or landlords agent. The inspection check will be done on the condition of the property including photographs which will be stored on behalf of the tenants for the tenants retrieval at vacating for their bond claim.

(71) BSSLM Pty Ltd
(21) 2018904013 (22) 23.10.2018
(54) HOIST APPARATUS FOR EXCAVATOR EQUIPMENT

(71) Bellator Pty Ltd
(21) 2018904030 (22) 23.10.2018
(54) A PROGRAMMABLE NETWORK FOR, AND METHOD OF, INNOVATION

(71) Bellator Pty Ltd
(21) 2018904045 (22) 24.10.2018
(54) A PROGRAMMABLE NETWORK FOR, AND METHOD OF, INNOVATION

(71) Bio-Link Australia Pty
(21) 2018904068 (22) 26.10.2018
(54) Nervous system cell therapy

(71) Breville Pty Limited
(21) 2018904019 (22) 23.10.2018
(54) Kettle

(71) Breville Pty Ltd
(21) 2018904023 (22) 23.10.2018
(54) A cooking appliance

(71) Bucceri, A.
(21) 2018904077 (22) 27.10.2018
(54) Falling snow apparatus to cover large area

(71) Buttermilk Industries Pty Limited
(21) 2018904038 (22) 24.10.2018
(54) Body dryer

(71) Cape Bouvard Technologies Pty Ltd
(21) 2018904051 (22) 25.10.2018
(54) A FRAME FOR A BICYCLE

(71) Carnegie Wave Energy Limited
(21) 2018904025 (22) 23.10.2018
(54) Wave energy conversion system

(71) Cellumar Biotech Pty Ltd; Flinders University of South Australia
(21) 2018904091 (22) 29.10.2018
(54) METHODS AND COMPOSITIONS FOR TREATING SKIN

(71) Centor Design Pty Ltd
(21) 2018904040 (22) 24.10.2018
(54) A Foldback Door and System

(71) Chisholm, J.
(21) 2018904033 (22) 24.10.2018
(54) Wearable personal security device

(71) Clean Cup Co Pty Ltd
(21) 2018904053 (22) 25.10.2018
(54) LIDS

(71) Coleman, C.
(21) 2018904063 (22) 26.10.2018
(54) A CELLAR LINER
Bean, Strawberry/Blueberry/ Berry Flavours, Mocha Green, Coffee, Greek Yogurt Flavour etc. Made in nut free varieties and fruits. All Vegan, no animal products, using all and only Coconut extracts/cream/milk etc. Distinctly coconut. Coconut cream/milk is a major component and distinct to this patented food manufactured ice-cream product. 'Celine and Rena's Sweets' includes all naturally sweetened sweets.

D.I.T Technologies Ltd
Dairy Explorer Pty Ltd
Deguara, P.
Electro Magnetic Measurements Pty Ltd
FLIGHTCONTROLLER PTY LTD
Flinders University of South Australia see Cellumar Biotech Pty Ltd
Glasgow, C. see Glasgow, M.
Glasgow, M.; Glasgow, C.
Glennon, C. see Glennon, R.
Glennon, C. see Glennon, R.
GPT Management Holdings Limited
Hofmann Engineering Pty Ltd
Hydroflex Technologies Pty Ltd
KATRINA GOFF CANDY TRADING AS IDEAS WORTH INVESTMENT PTY LTD
Kuchel, J.
Lazer Safe Pty Ltd
LISTING LOOP PTY LTD
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Mara Design Pty Ltd
McNally, A.
Monash University
Newcrest Mining Limited
NewSouth Innovations Pty Limited
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DATA

ANALYSIS OF BLEPHAROMETRIC
OF SEIZURE EVENTS, BASED ON
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(21) 2018904076 (22) 27.10.2018
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(21) 2018904071 (22) 21.10.2018
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(71) The Florey Institute of Neuroscience
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(21) 2018904039 (22) 24.10.2018
(54) Diagnostic and therapeutic methods

(71) The Crown in right of the State of New
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ment of Primary Industries as an office
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(21) 2018904083 (22) 29.10.2018
(54) Methods, reagents and kits for detect-
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(71) The University of Queensland
(21) 2018904090 (22) 29.10.2018
(54) COMPOUNDS AND USE THEREOF

(71) THE UNIVERSITY OF WESTERN
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(21) 2018904043 (22) 24.10.2018
(54) AN OPTICAL PALPATION DEVICE
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(71) Vayeron Pty Ltd
(21) 2018904048 (22) 25.10.2018
(54) Improvements in Conveyor Idler and
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(71) Ware, R.
(21) 2018904035 (22) 24.10.2018
(54) Sheep harness and method of maintain-
ing a vineyard

(71) Welcome Fit Pty Ltd
(21) 2018904018 (22) 23.10.2018
(54) An Anchor for a Watercraft

(71) Webster, D.
(21) 2018904048 (22) 23.10.2018
(54) A Method of Training

(71) Windus, J.
(21) 2018904089 (22) 29.10.2018
(54) Expanding shower for small spaces

(71) X TEC Pty Ltd
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(54) A peg stabiliser

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(54) Cannabinoid compositions and methods of their use

(71) Zeenar Enterprises Pty Ltd
(21) 2018904059  (22) 25.10.2018
(54) Composition that forms liquid crystalline particles
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2018904005 FLIGHTCONTROLLER PTY LTD
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2018904046 OPEC Remediation Technologies Pty Ltd
2018904047 Bacsakai, T.
2018904048 Vayeron Pty Ltd
2018904049 The Council of The Queensland Institute of Medical Research
2018904050 Electro Magnetic Measurements Pty Ltd
2018904051 Cape Bouvard Technologies Pty Ltd
2018904052 KATRINA GOFF CANDY TRADING AS IDEAS WORTH INVESTMENT PTY LTD
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2018904054 Telford Smith Engineering Pty Ltd
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2018904066 SHARAFI, S.
2018904067 Hydroflex Technologies Pty Ltd
2018904068 Bio-Link Australia Pty
2018904069 Rhino Rack Australia Pty Limited
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2018904072 LISTING LOOP PTY LTD

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2018904074 Mara Design Pty Ltd
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2018904081 Nunn, G.
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2018904083 The Crown in right of the State of New South Wales acting through the Department of Primary Industries as an office of the Department of Industry
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2018904087 Airwareness Pty Limited
2018904088 Morris, B.
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2018904090 The University of Queensland
2018904091 Cellumar Biotech Pty Ltd; Flinders University of South Australia
Applications listed below were processed through the Patent Office Canberra during the period ending 23 Oct 2018.

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

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<th>Name Index</th>
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<tr>
<td>Abbott Molecular Inc. (21) 2018250508 (22) 19.10.2018</td>
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<td>(54) Methods of detecting single nucleotide polymorphisms at codon 600 of human BRAF (62) 2013267660</td>
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<td>(71)</td>
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<td>(54) WEAKLY SUPERVISED MODEL FOR OBJECT DETECTION (31) 15/921,492 (32) 14.03.18 (33) US</td>
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<td>Accenture Global Solutions Limited (21) 2018250383 (22) 16.10.2018</td>
<td>(71)</td>
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<td>Adobe Inc. (21) 2018250372 (22) 16.10.2018</td>
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<td>AirWatch LLC (21) 2018250465 (22) 18.10.2018</td>
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<td>(54) Secondary device as key for authorizing access to resources (62) 2016238935</td>
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<td>Alltech, Inc. (21) 2018250502 (22) 19.10.2018</td>
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<td>(54) Ground-based power supply and associated reinforcing method (31) 17 59812 (32) 19.10.17 (33) FR</td>
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<td>Amazon Technologies, Inc. (21) 20250412 (22) 17.10.2018</td>
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<td>Amazon Technologies, Inc. (21) 20250412 (22) 17.10.2018</td>
<td>(54) Networking technologies (62) 2016382952</td>
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<td>Angel Playing Cards Co., Ltd. (21) 2018250476 (22) 19.10.2018</td>
<td>(71)</td>
<td>Angel Playing Cards Co., Ltd. (21) 2018250476 (22) 19.10.2018</td>
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<td>Angel Playing Cards Co., Ltd. (21) 2018250384 (22) 16.10.2018</td>
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<td>Apple Inc. (21) 2018250481 (22) 19.10.2018</td>
<td>(54) Device, method, and graphical user interface for transitioning between display states in response to gesture (62) 2016238917</td>
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<td>(54) Encapsulating and synchronizing state interactions between devices (31) 16/146,098 (32) 28.09.18 (33) US</td>
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<td>Applied Medical Resources Corporation (21) 2018250511 (22) 19.10.2018</td>
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<td>Applied Medical Resources Corporation (21) 2018250511 (22) 19.10.2018</td>
<td>(54) Hernia model (62) 2014265412</td>
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<td>Ardyn AS (21) 2018250647 (22) 29.10.2018</td>
<td>(71)</td>
<td>Ardyn AS (21) 2018250647 (22) 29.10.2018</td>
<td>(54) Hernia model (62) 2014265412</td>
</tr>
</tbody>
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(54) Downhole tool method and device
(62) 2014343117

(71) Aristocrat Technologies Australia Pty Limited
(21) 2018250472 (22) 18.10.2018
(54) A GAMING SYSTEM AND A REEL ASSEMBLY FOR A GAMING SYSTEM
(62) 2016277649

(71) Aristocrat Technologies Australia Pty Limited
(21) 2018250512 (22) 19.10.2018
(54) A METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM
(62) 2016225859

(71) Aristocrat Technologies Australia Pty Limited
(21) 2018253563 (22) 25.10.2018
(54) GAMING SERVER, GAMING SYSTEM AND A GAMING METHOD
(62) 2016228161

(71) Augmented Vision Inc. see The Arizona Board of Regents on Behalf of the University of Arizona
(21) 2018250366

(71) AUT University
(21) 2018250428 (22) 18.10.2018
(54) A METHOD AND APPARATUS FOR THE CONTROLLED DELIVERY OF GASES
(62) 2015324693

(71) AVERY DENNISON CORPORATION
(21) 2018250390 (22) 16.10.2018
(54) Faceless labels and related systems and methods
(62) 2015231096

(71) Azuma Design Pty Limited
(21) 2018250460 (22) 18.10.2018
(54) A lock cylinder
(31) 2017904212 (32) 18.10.17 (33) AU

(71) Balex Marine Development Limited
(21) 2018250451 (22) 18.10.2018
(54) BOAT SUPPORT FRAME LOADING AND UNLOADING APPARATUS
(62) 2015259943

(71) BARTEC GmbH
(21) 2018250434 (22) 18.10.2018
(54) A Device for Use in Explosive Atmosphere Zone
(31) 10 2017 010 107.8 (32) 26.10.17 (33) DE

(71) Basson, J. see Contitech Transportbandsysteme GmbH
(21) 2018250413

(71) Becton, Dickinson and Company
(21) 2018250479 (22) 19.10.2018
(54) Blood control catheter valve employing actuator with flexible retention arms
(62) 2014296641

(71) BELTSCAN SYSTEMS PTY LTD
(21) 2018250397 (22) 17.10.2018
(54) Apparatus for Measuring Cover Thickness of Conveyor Belt
(31) 2017904439 (32) 01.11.17 (33) AU

(71) BENNETT PRECISION TOOLING PTY LTD
(21) 2018250522 (22) 22.10.2018
(54) A METHOD OF PREPARING A MOULD FOR INJECTION MOLDING
(62) 2014223297

(71) BGC Partners, Inc.
(21) 2018250427 (22) 17.10.2018
(54) A CONTROLLER DEVICE
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(71) BGC Partners, Inc.
(21) 2018250488 (22) 19.10.2018
(54) SYSTEM AND METHOD FOR MANAGING RELATIONSHIPS BETWEEN BROKERS AND TRADERS
(62) 2017201467

(71) Biosense Webster (Israel) Ltd.
(21) 2018250524 (22) 22.10.2018
(54) SYSTEM AND METHOD FOR PROVIDING AUDITORY GUIDANCE IN MEDICAL SYSTEMS
(31) 15/807,124 (32) 08.11.17 (33) US

(71) Biosense Webster (Israel) Ltd.
(21) 2018250525 (22) 22.10.2018
(54) LOW PROFILE DUAL PAD MAGNETIC FIELD LOCATION SYSTEM WITH SELF TRACKING
(31) 16/129,263 (32) 12.09.18 (33) US
62/591,238 28.11.17 US

(71) Biosense Webster (Israel) Ltd.
(21) 2018250526 (22) 22.10.2018
(54) POINT DENSITY ILLUSTRATION
(31) 15/822,380 (32) 27.11.17 (33) US

(71) Biosense Webster (Israel) Ltd.
(21) 2018250527 (22) 22.10.2018
(54) REDUCING NOISE LEVELS ASSOCIATED WITH SENSE EEG SIGNALS
(31) 15/813,359 (32) 15.11.17 (33) US

(71) Biosense Webster (Israel) Ltd.
(21) 2018250528 (22) 22.10.2018
(54) FAST RECOVERY OF EEG SIGNAL METHOD AND APPARATUS
(31) 15/827,007 (32) 30.11.17 (33) US

(71) Biosense Webster (Israel) Ltd.
(21) 2018250492 (22) 18.10.2018
(54) FACTOR VIII COMPOSITIONS AND METHODS OF MAKING AND USING SAME
(62) 2016210689

(71) Board of Trustees of Michigan State University see Midway Pharmaceuticals, Inc.
(21) 2018250501

(71) CAC Nantong Chemical Co., LTD
(21) 2018250500 (22) 19.10.2018
(54) Cartridge and electrophotographic image forming apparatus
(62) 2015354571

(71) CAPRICORN GLOBAL GROUP PTY LTD see DAZCORP LTY LTD
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(71) Caterpillar Underground Mining Pty Ltd
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(54) COOLING SYSTEM FOR A MACHINE
(31) 15/790,126 (32) 23.10.17 (33) US

(71) Cedars-Sinai Medical Center
(21) 2018250401 (22) 17.10.2018
(54) TARGETING CORROLES FOR TUMOR TOXICITY AND MRI
(62) 2014262653

(71) Cheetah Medical, Inc.
(21) 2018250405 (22) 17.10.2018
(54) Method and system for monitoring hemodynamics
(62) 2017201920

(71) Cleaven, A.
(21) 2018250450 (22) 18.10.2018
(54) Barrier apparatus
(62) 2013206559

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2018250381 (22) 16.10.2018
(54) Detection of viral infection
(62) 2012308092

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(71) Commonwealth Scientific and Industrial Research Organisation

(21) 2018250483  (22) 19.10.2018
(54) Processes for producing lipids

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(71) Concept Rail Services Pty Ltd

(21) 2018250441  (22) 18.10.2018
(54) Support arrangement for a railroad

(31) 2017904627  (32) 15.11.17  (33) AU

(71) Contitech Transportbandsysteme GmbH; WALLACE, J.; Basson, J.

(21) 2018250413  (22) 17.10.2018
(54) Pipe belt orientation monitoring

(62) 2015311842

(71) Coviden LP

(21) 2018250420  (22) 17.10.2018
(54) Step-down coaxial microwave ablation applicators and methods for manufacturing same

(62) 2014240941

(71) Coviden LP

(21) 2018250440  (22) 18.10.2018
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(71) Dako Denmark A/S

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(21) 2018250471  (22) 18.10.2018
(54) SELF LATCHING ANTI-LOCK LATCH DEVICE

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(54) ENTRYPY AND VALUE BASED PACKET TRUNCATION

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(54) Fixation device for securing a linear element to a workplace

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(71) EMNEVE PTY LIMITED

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(54) Electrical switch disconnector

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FERNO-WASHINGTON, INC.

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(54) LAUNDRY APPLIANCE AND OPERATING METHOD

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(54) Apparatus and method for efficient synthesis of sinuosids and sweeps by employing spectral patterns

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(54) Methods of prognosing, diagnosing and treating idiopathic pulmonary fibrosis

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(54) Method of culturing eukaryotic cells

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(54) Methods and apparatuses for compacting soil and granular materials

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(54) Fusion Proteins of Natural Human Protein Fragments to Create Orderly Multimerized Immunoglobulin Fc Compositions

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(71) Global Integrated Solutions Limited

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(54) SOLAR PANEL HOUSING FOR A PARKING METER AND METHODS OF USE THEREFOR

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(54) THE USE OF SURFACTANT TO TREAT PULP AND IMPROVE THE INCORPORATION OF KRAFT PULP INTO FIBER FOR THE PRODUCTION OF VISCOSE AND OTHER SECONDARY FIBER PRODUCTS

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(54) Printer cartridges and memory devices containing compressed multi-dimensional color tables
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(54) Method and system for storage retrieval
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(21) 2018250402 (22) 17.10.2018
(54) Apparatus, system and method for consolidating and recording high definition surgical video with a surgical data overlay
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(54) Implant device
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(54) Shift control system for industrial vehicle
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(54) Deployment of stents within bifurcated vessels
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(54) A MOBILE ADJUSTABLE STAIRWAY AND METHOD OF USE THEREOF
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(21) 2018250439 (22) 18.10.2018
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Lagoon, C. see Lagoon, M.
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(54) Laboratory instrument control system
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(54) Beverage container insulator
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(54) Pneumatic manifold for a dialysis system
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(54) Dialysis system of integrated manifolds
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(71) Meshtec International Co., Ltd.
(21) 2018250423 (22) 17.10.2018
(54) Emergency Exit Window System
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(71) Nalco Company
(21) 2018250400 (22) 17.10.2018

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(54) Devices for real-time polymerase chain reaction
(62) 2014302052

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(71) Sun Pharmaceutical Industries Ltd.
(21) 2018250470 (22) 18.10.2018
(54) EXTENDED RELEASE SUSPENSION COMPOSITIONS
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(54) Beverage, method for producing beverage, and method for suppressing foaming of beverage
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(54) Carbonated beverage containing caramel and steviol glycoside
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(71) Symbol Technologies, LLC
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Zhejiang Taipushen Leisure Articles Co., Ltd. see Ozent Australia Pty. Limited
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<td>(54) A FIRE SAFETY ARRANGEMENT FOR OVERHEAD PIPE SUPPORT ARRANGEMENTS AND A METHOD OF INSTALLING SAID FIRE SAFETY ARRANGEMENT&lt;br&gt;(31) 2017904210</td>
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<td>(54) Temporary door wrap around notice display. The device is placed around a door, and the door is closed to display the notice. Once the door is closed the temporary door wrap around notice is displayed and is non removable until the door opened. This device is used to inform people on this outside of the door about conditions and warnings regarding what is behind the door or the condition or events relating to current environment or property its attached too.</td>
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(31) 201810955791.1 (32) 21.08.18 (33) CN

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(54) A TYPE OF CHINESE WOLF-BERRY BUD TEA DRYING FACILITY EQUIPPED WITH A HUMIDITY DETECTION DEVICE
(31) 201810954765.7 (32) 21.08.18 (33) CN

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Southwest University
(21) 2018101576 (22) 20.10.2018
(54) Design of secure matrix and vector Multiplications based on elementary matrices

SRG IP Pty Ltd
(21) 2018101574 (22) 19.10.2018
(54) IMPROVED CONNECTOR FOR USE IN FORMING JOINTS
(62) 2017338256

Viaggio Pty Ltd
(21) 2018101557 (22) 18.10.2018
(54) System and Method for Real Estate Agent in Augmented Reality
(31) 2017904253 (32) 20.10.17 (33) AU

Xie, X.
(21) 2018101559 (22) 18.10.2018
(54) Method of Structural Improvement of Game Training Deep Q-Network

Zhang, Y.X.
(21) 2018101558 (22) 18.10.2018
(54) Synthetic method for a butroxydim water dispersible granule
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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:

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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
H Applications not Open to Public Inspection

2000

2000027753 (14)  2000039451 (14)  2000042266 (14)
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2016
2017
2018

Assignments before Grant, Section 113

2013
2014
Assignments before Grant, Section 113

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Assignments before Grant, Section 113

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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.

2010

2010327318 Powell, K. An application to extend the time from 02 Dec 2017 to 02 Sep 2018 in which to pay the renewal fee has been filed. Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013

2013210045 Hubbell Incorporated An application to extend the time from 07 Jan 2018 to 07 Sep 2018 in which to pay the renewal fee has been filed. Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

2014

2014275571 Butler Concepts Limited An application to extend the time from 17 Jul 2018 to 17 Nov 2018 in which to gain acceptance has been filed. Address for service - Baldwins Intellectual Property Level 20, Dimension Data House 157 Lambton Quay Wellington 6011 NZ

2016

2016238466 Nestec SA An application to extend the time from 23 Oct 2017 to 23 Sep 2018 in which to enter the National Phase has been filed. Address for service - Shelston IP Pty Ltd. Level 21, 60 Margaret Street Sydney NSW 2000 AU

2017

2017100398 PHAN, M. An application to extend the time from 08 Apr 2018 to 08 Nov 2018 in which to pay a renewal fee has been filed. Address for service - Baxter Patent Attorneys Pty Ltd Suite 2, Level 3A 1 Bligh Street Sydney NSW 2000 AU
Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2002
20022214824 Biottomo Pty Ltd The time in which to pay a renewal fee has been extended to 14 Jun 2018 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

20023238657 G.P. Embelton & Co. Pty. Ltd. The time in which to pay a renewal fee has been extended to 23 Jun 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2008
2008266961 Merck Sharp & Dohme B.V. The time in which to pay a renewal fee has been extended to 13 Jun 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2010
2010257285 IMS New Zealand Pty Limited The time in which to pay the renewal fee has been extended to 02 Aug 2018 . Address for service - Janice Catherine White 18 Pyrenees Rd Clyde VIC 3978 AU

2013
2013305865 Thru Tubing Solutions, Inc. The time in which to request examination and to pay a continuation fee has been extended to 26 Aug 2018 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2014
2014100666 Marks, I. The time in which to pay a renewal fee has been extended to 16 Apr 2018 . Address for service - Ian Sinclair Marks 12 Michaela Crescent The Gap QLD 4061 AU

2014299133 Johnson Precision Engineering (Suzhou) Co., Ltd. The time in which to gain acceptance has been extended to 27 Nov 2018 . Address for service - protectmyidea.com.au PO Box 5005 Empire Bay NSW 2257 AU

2014363415 EuroChem Agro GmbH The time in which to request examination has been extended to 03 Nov 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015
2015101080 THE NEWIBILITY PTY LTD The time in which to pay the renewal fee has been extended 08 May 2018 . Address for service - THE NEWIBILITY PTY LTD 1/36 macpherson street dandenong VIC 3175 AU

2015222192 Vanmix N.V. The time in which to pay the acceptance fee has been extended to 26 Oct 2018 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

20152546382 Lohmann & Rauscher GmbH & Co. KG The time in which to request Examination has been extended to 21 Nov 2018 . Address for service - Fraser Old & Sohn PO Box 560 MILSONS POINT NSW 1565 AU

2016
2016306700 Gillett, nicholas ross The time in which to enter the National Phase has been extended to 12 Aug 2018 . Address for service - Mann IP Ground Floor, 45 St Georges Terrace Perth WA 6000 AU

2017
2017201199 W. L. Gore & Associates, Inc. The time in which to gain acceptance and pay the continuation fee has been extended to 25 Dec 2018 . Address for service - Griffith Hack GPO Box 1285 Melbourne VIC 3001 AU

2017215330 Torque Fitness, LLC The time in which to enter the National Phase has been extended to 05 Oct 2018 . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

2018
2018203597 Benson Global Pty Ltd The time in which to make a further application for a divisional patent has been extended to 24 May 2018 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018204626 Melinta Therapeutics, Inc. The time in which to request Examination has been extended to 03 Nov 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018206730 Ixax Pharmaceuticals Ireland; Norton (Waterford) Limited; Teva Pharmaceuticals Ireland The time in which to make a further application for a divisional patent has been extended to 30 Jul 2018 . Address for service - Griffith Hack GPO Box 3125 Brisbane QLD 4001 AU

2018211231 Globetek 2000 Pty Ltd; The Federal State Autonomous Educational Institution of The Higher Professional Education "National University of Science and Technology" The time in which to request Examination has been extended to 07 Nov 2018 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 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.

2005
2005271355 Automatic injector Meridian Medical Technologies, Inc. The nature of the amendment is as shown in the statement(s)
Amendments

filed 24 Jul 2018 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013

2013265267 Process for multi-analyses of rare cells extracted or isolated from biological samples through filtration. Université Nice Sophia Antipolis ; Centre hospitalier universitaire de Nice ; Rarceils ; Institut National de la Sante et de la Recherche Medicale ; Assistance Publique - Hopitaux de Paris ; Universite Paris Descartes.

The nature of the amendment is as shown in the statement(s) filed 09 Oct 2018 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2013354184 Compounds useful in the treatment and/or care of the skin, hair and/or mucous membranes and their cosmetic or pharmaceutical compositions. Lubrizol Advanced Materials, Inc.

The nature of the amendment is as shown in the statement(s) filed 04 Jul 2018 . Address for service - Pizzey’s Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2014


The nature of the amendment is as shown in the statement(s) filed 23 Oct 2018 . Address for service - Pizzey’s Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 BRISBANE QLD 4001 AU

2014259503 ANIMAL PEST CONTROL METHOD E. I. du Pont de Nemours and Company

The nature of the amendment is as shown in the statement(s) filed 04 Oct 2018 . Address for service - FB Rice Pty Ltd L 14 90 Collins St Melbourne VIC 3000 AU

2014356279 Method and device for treating an organic effluent. OraGe

The nature of the amendment is as shown in the statement(s) filed 27 Sep 2018 . Address for service - Shelton IP Pty Ltd Level 21, 60 Margaret Street Sydney NSW 2000 AU

2015

2015284617 Fluid processing system, heat exchange sub-system, and an associated method thereof. General Electric Company

The nature of the amendment is as shown in the statement(s) filed 24 Oct 2018 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2015410318 Data write method, apparatus, and system. Huawei Technologies Co., Ltd

The nature of the amendment is as shown in the statement(s) filed 24 Oct 2018 . Address for service - Watermark Intellectual Property Pty Ltd Level 1 109 Burwood Road Hawthorn VIC 3122 AU

2016

2016224162 Banking automation device for bank teller and method for controlling same. Hyosung TNS Inc.

The nature of the amendment is as shown in the statement(s) filed 22 Oct 2018 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016256303 Multicomponent meso thread containing hyaluronic acid and method for producing same (variants). Martin’Ex International Research and Development Centre.

The nature of the amendment is as shown in the statement(s) filed 11 Oct 2018 . Address for service - AJ Pietras & Co P O Box 30173 Lower Hutt 5040 NZ

Amendments Made

2008

2008226814 Intra-Cellular Therapies, Inc.

The nature of the amendment is: Amend the name of the inventor to read Zhang, Qiang; Li, Peng; Beard, James David; Cheng, Hua; Yao, Wei; Tomesch, John Charles; Thompson, Andrew S. and Wennogle, Lawrence P.

2010

2010217782 Epiroc Drilling Tools LLC

The nature of the amendment is as shown in the statement(s) filed 22 Jun 2018; 04 Apr 2018; 08 Jan 2018 and 12 Oct 2017

2011

2011256957 ARC Medical Design Limited

The nature of the amendment is as shown in the statement(s) filed 29 Jun 2018

2012

20122200953 Aristocrat Technologies Australia Pty Limited

The nature of the amendment is: Amend the name of the inventor to read Montenegro, Daniel Julio and Clark, Wade

2013

2013263814 ARC Medical Design Limited

The nature of the amendment is as shown in the statement(s) filed 29 Jun 2018

2013322643 Qiagen GmbH

The nature of the amendment is as shown in the statement filed 31 Jul 2018

2013329083 The Brigham and Women’s Hospital, Inc.

The nature of the amendment is as shown in the statement filed 26 Jul 2018

2013351096 Molecular Partners AG

The nature of the amendment is as shown in the statement filed 10 Oct 2018

2013351182 Ospedale San Raffaele Srl; GlaxoSmithKline Biologicals SA

The nature of the amendment is as shown in the statement filed 25 Jun 2018

2013351412 Siemens Aktiengesellschaft

The nature of the amendment is: Amend the name of the inventor to read Köster, Kay and Eckl, Rolf

2014

2014200540 Daido Steel Co., Ltd

The nature of the amendment is: Amend the invention title to read Hot-forgable Ni-based superalloy excellent in high temperature strength

2014203483 Intra-Cellular Therapies, Inc.

The nature of the amendment is: Amend the name of the inventor to read Tomesch, John Charles; Li, Peng; Zhang, Qiang and Thompson, Andrew S.
Amendments

2014207266  Allergan, Inc.  The nature of the amendment is as shown in the statement filed 01 Aug 2018

2014219466  Bitdefender IPR Management Ltd  The nature of the amendment is: Amend the name of the inventor to read LUTAŞ, Andrei-Vlad; Lukacs, Sándor and LUTAŞ, Dan-Horea

2014223602  AxioMx, Inc.  The nature of the amendment is as shown in the statement filed 30 Jul 2018

2014237340  Global Blood Therapeutics, Inc.  The nature of the amendment is as shown in the statement filed 02 Aug 2018

2014262189  Monsanto Technology LLC  The nature of the amendment is as shown in the statement filed 1 Mar 2018 and 27 Jun 2018

2014276963  Janssen Pharmaceutica NV  The nature of the amendment is as shown in the statement filed 05 Jul 2018

2014295084  CeramTec-ETEC GmbH  The nature of the amendment is: Amend the name of the inventor to read Klemm, Elisabeth and Tittel, Martin

2014298230  Shanghai Institute of Pharmaceutical Industry; Les Laboratoires Servier  The nature of the amendment is as shown in the statement filed 26 Jul 2018

2014343875  Nestec S.A.  The nature of the amendment is: Amend the name of the inventor to read Noth, Andre; Yoakim, Alfred and Sunderland, Charles-Austin

2014373636  Tecnored Desenvolvimento Tecnologico S.A.  The nature of the amendment is as shown in the statement filed 26 Jul 2018

2014414855  Haliburton Energy Services, Inc.  The nature of the amendment is as shown in the statement filed 25 Jul 2018

2015  

2015222192  Vamix N.V.  The nature of the amendment is as shown in the statement(s) filed 10 Jul 2018

2015307092  Haliburton Energy Services, Inc.  The nature of the amendment is as shown in the statement filed 18 Jul 2018

2015314799  Rosemount Analytical Inc.  The nature of the amendment is: Application is to proceed under the number 2015101934

2015374427  Dow AgroSciences LLC  The nature of the amendment is as shown in the statement filed 30 Jul 2018

2015412402  Inciner8 Ltd  The nature of the amendment is: Amend the name of the inventor to read Ferguson, Vincent

2016  

2016216615  ENDAENCE TECHNOLOGY LIMITED  The nature of the amendment is: Amend the name of the inventor to read GREENWOOD GRAHAM, Ian David

2016234905  Intra-Cellular Therapies, Inc.  The nature of the amendment is: Amend the name of the inventor to read Tomesch,
### Amendments

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<td>The Board of Trustees of The Leland Stanford Junior University</td>
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<td>Li, H.</td>
<td>The nature of the amendment is: Amend the invention title to read V A RATTAN WEAVING STRUCTURE, A RATTAN CHAIR MADE WITH THE STRUCTURE AND A METHOD FOR FORMING A CONVEX KNOT THEREOF</td>
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<td>Physiol S.A.</td>
<td>The nature of the amendment is: Amend the invention title to read Flexible intraocular lens injection device and storage shuttle for implementing same</td>
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<td>2017391229</td>
<td>China University of Mining and Technology</td>
<td>The nature of the amendment is: Amend the invention title to read METHOD FOR EXTRACTING THERMAL ENERGY IN UNDERGROUND HIGH TEMPERATURE AREA OF COAL FIELD FIRE ZONE</td>
<td>2017391229</td>
</tr>
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</table>

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Application Number</th>
<th>Applicant</th>
<th>Nature of the Amendment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>2002333134</td>
<td>Merck Frosst Canada Ltd.</td>
<td>The name of the patentee has been altered to Merck Canada Inc.</td>
</tr>
<tr>
<td>2004</td>
<td>2004212636</td>
<td>Medvet Science Pty Ltd</td>
<td>The name of the patentee has been altered to Aushealth Corporate Pty Ltd</td>
</tr>
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<td>2009</td>
<td>2009212565</td>
<td>DELTA T CORPORATION</td>
<td>The name of the patentee has been altered to Delta T, LLC</td>
</tr>
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<td>2013</td>
<td>2013239383</td>
<td>Variation Biotechnologies Inc.</td>
<td>The name of the applicant has been altered to Variation Biotechnologies Inc.</td>
</tr>
</tbody>
</table>
Amendments

2013287590  Nissan Chemical Industries, Ltd.  The name of the patentee has been altered to **Nissan Chemical Corporation**

2013337839  DELTA T CORPORATION  The name of the patentee has been altered to **Delta T, LLC**

2014

2014200736  Nissan Chemical Industries, Ltd.  The name of the patentee has been altered to **Nissan Chemical Corporation**

2014271662  Nissan Chemical Industries, Ltd.  The name of the patentee has been altered to **Nissan Chemical Corporation**

2014338756  Wheelright Limited  The name of the applicant has been altered to **WheelRight Limited**

2015

2015202079  Dresser, Inc.  The name of the applicant has been altered to **Dresser, Inc.**

2016

2016203185  TEKNO NRG Pty Ltd  The name of the applicant has been altered to **LEDTEK GLOBAL PTY LTD**

2016265832  GTLpetrol, LLC  The name of the applicant has been altered to **NiQuan Energy LLC**

2016269846  Medvet Science Pty Ltd  The name of the applicant has been altered to **Aushealth Corporate Pty Ltd**

2017

2017205776  CSL Behring Recombinant Facility AG  The name of the applicant has been altered to **CSL Behring Lengnau AG**

2017230185  Evolve Biosystems Inc.  The name of the applicant has been altered to **Evolve BioSystems, Inc.**

2017230187  Evolve Biosystems Inc.  The name of the applicant has been altered to **Evolve BioSystems, Inc.**
Applications Open to Public Inspection

Name Index

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

(71) 0903608 B.C. Ltd.
(11) AU-A-2018247325
(21) 2018247325 (22) 12.10.2018
(54) COMPOSITIONS, DEVICES AND METHODS FOR CONTROL OF PESTS USING VAPOR ACTIVITY
(51) Int. Cl.
A01N 65/26 (2009.01)
A01M 13/00 (2006.01)
A01N 25/18 (2006.01)
A01N 35/04 (2006.01)
A01P 7/00 (2006.01)
A61K 8/00 (2006.01)
A61K 31/11 (2006.01)
A61K 36/58 (2006.01)
A61P 9/14 (2006.01)
(43) 08.11.2018
(62) 2014349701
(72) Manhas, Karan; Rozek, Annett; Woodbury, Nathan; Lentz, Shannon; Takeuchi, Robert James Etsu; Ozeroff, Sasha
(74) AJ PARK

(71) Accenture Global Solutions Limited
(11) AU-A-2018250365
(21) 2018250365 (22) 16.10.2018
(54) HARDWARE BLOCKCHAIN CORRECTIVE CONSENSUS OPERATING PROCEDURE ENFORCEMENT
(51) Int. Cl.
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
H04L 9/06 (2006.01)
(43) 08.11.2018
(62) 2017204199
(72) RAMATHAL, Noel Vivek; GREENE, Kevin Bernard
(74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
(11) AU-A-2018250383
(21) 2018250383 (22) 16.10.2018
(54) SKILL PROFICIENCY SYSTEM
(51) Int. Cl.
G06Q 10/06 (2012.01)
(43) 08.11.2018
(62) 2017203080
(72) COLETTA, Nicole; VENKATESWARA, Shekar Nalle Pilli; GOODYER, Susan; WACKER, James H.; BOAZ, Nathan M.
(74) Murray Trento & Associates Pty Ltd

(71) Advanced Waste Water Systems Pty Ltd
(11) AU-A-2017202557
(21) 2017202557 (22) 19.04.2017
(54) FULLY AIR OPERATED MEMBRANE ULTRA OR MICRO FILTRATION SYSTEM WITH AUTOMATIC BACKFLUSH
(51) Int. Cl.
B01D 61/22 (2006.01)
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(43) 08.11.2018
(72) Milan, Samandar
(74) Advanced Waste Water Systems Pty Ltd

(71) Air Liquide Sante (International) see L’Air Liquide, Société Anonyme pour l’Etude et l’Exploitation des Procédés Georges Claude
(21) 2018202754

(71) Akebia Therapeutics Inc.
(11) AU-A-2018250355
(21) 2018250355 (22) 15.10.2018
(54) PROCESS FOR PREPARING [[3-HYDROXYPYRIDINE-2-CARBONYL]AMINO]ALKANOIC ACIDS, ESTERS AND AMIDES
(51) Int. Cl.
C07D 213/62 (2006.01)
(43) 08.11.2018
(62) 2017202414
(72) Lanthier, Christopher M.; Gorin, Boris; Oudenes, Jan; Dixon, Craig Edward; Lu, Alan Quigbo; Copp, James Dennis; Janusz, John Michael
(74) Sprunso & Ferguson

(71) ALSTOM Transport Technologies
(11) AU-A-2018202689
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(54) Conductive tracks elastomeric carrier with rectangular section for ground electric feeding system
(51) Int. Cl.
B66L 5/00 (2006.01)
B66L 9/02 (2006.01)
B66M 3/00 (2006.01)
H02J 1/00 (2006.01)
(31) 17.53563 (32) 25.04.17 (33) FR
(43) 08.11.2018
(72) Duprat, Patrick
(74) Davies Collison Cape Pty Ltd

(71) ALSTOM Transport Technologies
(11) AU-A-2018202816
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(54) Current collector shoe with rapid retraction
(51) Int. Cl.
B66L 5/12 (2006.01)
(31) 17.53588 (32) 25.04.17 (33) FR
(43) 08.11.2018
(72) Duprat, Patrick; Formenti, Leonardo
(74) Davies Collison Cape Pty Ltd

(71) Amazon Technologies, Inc.
(11) AU-A-2018250412
(21) 2018250412 (22) 17.10.2018
(54) Networking technologies
(51) Int. Cl.
H04L 29/06 (2006.01)
H04L 12/861 (2013.01)
H04L 12/863 (2013.01)
(43) 08.11.2018
(62) 2016382952
(72) SHALEV, Leah; BARRETT, Brian William; BISHARA, Nafea; MACHULSKY, Georgy
(74) Sprunso & Ferguson

(71) Amgen Inc.
(11) AU-A-2018250473
(21) 2018250473 (22) 11.10.2018
(54) Heterodimeric immunoglobulins
(51) Int. Cl.
C07K 16/22 (2006.01)
A61K 39/355 (2006.01)
A61P 19/08 (2006.01)
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C07K 16/28 (2006.01)
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(43) 08.11.2018
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(72) KANNAN, Gunasekar; FLORIO, Monica; LIU, Zhi; YAN, Wei
(74) Davies Collison Cape Pty Ltd

(71) Angel Playing Cards Co., Ltd.
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(54) TABLE GAME MANAGEMENT SYSTEM AND GAME TOKEN
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A63F 1/06 (2006.01)
A44C 21/00 (2006.01)
A63F 3/00 (2006.01)
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(72) Shigeta, Yasushi
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Anthogeneis Corporation
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(54) ANGIogenesis USING PLACENTAL STEM CELLS
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C12N 5/073 (2010.01)
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(43) 08.11.2018
(62) 2015231096
(72) WIEGERS, Ronald; WU, Di
(74) Griffith Hack

Basson, J. see Contitech Transportband-systeeme GmbH
(21) 2018250413

(71) Bathroom Products Australia Pty Ltd
(11) AU-A-2018202693
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(22) 18.04.2018
(22) 25.04.2017
(54) Bathroom fixture drainage outlet and attachment means
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(54) A CONTROLLER DEVICE
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G06F 30/00 ( 2006.01 )
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(72) Noviello, Joseph C.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Biosense Webster (Israel) Ltd.
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(22) 16.04.2018
(54) REGISTRATION OF AN ANATOMICAL IMAGE WITH A POSITION-TRACKING COORDINATE SYSTEM BASED ON PROXIMITY TO BONE TISSUE
(51) Int. Cl.
G06T 7/00 ( 2017.01 )
A61B 34/10 ( 2016.01 )
(31) 15/493,703
(32) 21.04.17
(33) US
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(72) Gliner, Vadim
(74) Spruron & Ferguson

Augmented Vision Inc. see The Arizona Board of Regents on Behalf of the University of Arizona
(21) 2018250366

(71) AVERY DENNISON CORPORATION
(11) AU-A-2018250390
(21) 2018250390
(22) 16.10.2018
(54) Faceless labels and related systems and methods
(51) Int. Cl.
C09J 7/00 ( 2006.01 )
(43) 08.11.2018
(72) Gliner, Vadim; Govari, Assaf; Mayer, Ram Bernard
(74) Spruron & Ferguson

(71) Biosense Webster (Israel) Ltd.
(11) AU-A-2018202621
(21) 2018202621
(22) 16.04.2018
(54) SYSTEMS AND METHODS FOR DETERMINING MAGNETIC LOCATION OF WIRELESS TOOLS
(51) Int. Cl.
A61B 34/20 ( 2016.01 )
G01S 5/02 ( 2010.01 )
(31) 15/935,777
(32) 26.03.18
(33) US
62/489,019
24.04.17
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(43) 08.11.2018
(72) Gliner, Vadim; Ephrath, Yaron
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(71) Biosense Webster (Israel) Ltd.
(11) AU-A-2018202622
(21) 2018202622
(22) 16.04.2018
(54) MAPPING OF NASAL PASSAGES BEFORE AND AFTER A PROCEDURE
(51) Int. Cl.
A61B 5/05 ( 2006.01 )
A61B 1/233 ( 2006.01 )
A61B 5/103 ( 2013.01 )
(31) 15/940,539
(32) 29.03.18
(33) US
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(43) 08.11.2018
(72) Dekel, Zvi; Zoabi, Akram; Pinsky, Yoav; Racheli, Noam; Bustan, Itamar
(74) Spruron & Ferguson

(71) Biosense Webster (Israel) Ltd.
(11) AU-A-2018202681
(21) 2018202681
(22) 18.04.2018
(54) GUIDEWIRE MANIPULATOR
(51) Int. Cl.
A61M 25/09 ( 2006.01 )
(31) 15/926,735
(32) 20.03.18
(33) US
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(72) Algawi, Yehuda; Govari, Assaf; Siltitsky, Ilya
(74) Spruron & Ferguson

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(11) AU-A-2018202682
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(22) 18.04.2018
(54) ENDOSCOPIC VIEW OF INVASIVE PROCEDURES IN NARROW PASSAGES
(51) Int. Cl.
A61B 34/20 ( 2016.01 )
(31) 62/489,953
(32) 25.04.17
(33) US
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28.02.18
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(43) 08.11.2018
(72) Altman, Andris Claudio; Gliner, Vadim
(74) Spruron & Ferguson

(71) Bioverativ Therapeutics Inc.
(11) AU-A-2018250410

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(21) 2018250410  (22) 17.10.2018
(51) Int. Cl.
C07K 19/00  (2006.01)
A61P 7/04  (2006.01)
C07K 14/00  (2006.01)
(43) 08.11.2018
(62) 2016210689

(72) Schellenberger, Volker; Chang, Pei-Yun; Varfalj, Fatbardha; Ding, Sheng; Silverman, Joshua; Wang, Chia-wei; Spink, Benjamin; Stemmer, Willem P.; Geethsingh, Nathan; Kulman, John; Liu, Tongyao; Toby, Garabet G.; Jiang, Haiyan; Peters, Robert; Wang, Deping; Mei, Baisong

(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Brain Sentinel, Inc.
(11) AU-A-2018250359
(21) 2018250359  (22) 15.10.2018
(54) DATA-INTERFACE INTEGRATED INTERFACE AND METHODS OF REVIEWS ELECTROMYOGRAPHY AND AUDIO DATA
(51) Int. Cl.
A61B 5/02  (2006.01)
(43) 08.11.2018
(62) 2014361862
(72) GIROUDAR, Michael R.

(74) Watermark Intellectual Property Pty Ltd

(71) Burfitt, A.
(11) AU-A-2018203910
(21) 2018203910  (22) 02.06.2018
(54) The Dressage Area Maker Announcer (DAMA) is a computer controlled device that will announce Dressage Arena Markers as horse and rider ride around Dressage Arenas. It has been designed with the purpose to assist in the training of Disabled riders while riding around a Dressage Arena. It is fitted with a speaker to announce Marker letters and a strobe light
(51) Int. Cl.
G01S 17/00  (2006.01)
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(43) 08.11.2018
(72) Lording, Wayne; Burfitt, Andrew Alan
(74) Andrew Alan Burfitt

(71) Canon Kabushiki Kaisha
(11) AU-A-2017202584
(21) 2017202584  (22) 19.04.2017
(54) Method, system and apparatus for detecting a change in angular position of a camera
(51) Int. Cl.
G01C 1/04  (2006.01)
G01C 19/00  (2013.01)
G01C 21/16  (2006.01)
G06F 3/346  (2013.01)
G06T 3/20  (2006.01)
H04N 21/00  (2011.01)

(71) Channel MedSystems, Inc.
(11) AU-A-2018250361
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(54) EXHAUST COLLECTION BAG FOR CRYOCENIC TREATMENT
(51) Int. Cl.
A61B 18/02  (2006.01)
(43) 08.11.2018
(62) 2016335749
(72) SYLLIAASEN, Scott; COT, Ric; MA-LECKI, William

(74) Watermark Intellectual Property Pty Ltd

(71) Cheetaah Medical, Inc.
(11) AU-A-2018250405
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(54) Method and system for monitoring hemodynamics
(51) Int. Cl.
A61B 5/02  (2006.01)
(43) 08.11.2018
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(72) LEVY, Baruch; MARCOVITCH, Shmuel; SCHUSMAN, Eliezer; ROBINSON, Dan; AVIDOR, Yoav; AVIDOR, Dan

(74) Griffith Hack

(71) Caterpillar Inc.
(11) AU-A-2018202321
(21) 2018202321  (22) 03.04.2018
(54) DRAGLINE BUCKET
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E02F 3/00  (2006.01)
(31) 15/493,405  (32) 21.04.17  (33) US
(43) 08.11.2018
(72) Stolz, Michael Robert
(74) FAA Patent Attorneys Pty Ltd

(71) Cedars-Sinai Medical Center
(11) AU-A-2018250401
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(54) TARGETING CORROLES FOR TUMOR TOXICITY AND MRI
(51) Int. Cl.
A01H 55/02  (2006.01)
(43) 08.11.2018
(62) 2014262653
(72) Medina-Kauwe, Lali K.

(74) James & Wells Intellectual Property

(71) Chae, J.O. see Kweon, E.D.
(21) 2018202734

(71) Channel Medsystems, Inc.
(11) AU-A-2018250361
(21) 2018250361  (22) 15.10.2018
(54) EXHAUST COLLECTION BAG FOR CRYOCENIC TREATMENT
(51) Int. Cl.
A61B 18/02  (2006.01)
(43) 08.11.2018
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(72) SYLLIAASEN, Scott; COT, Ric; MA-LECKI, William

(74) Watermark Intellectual Property Pty Ltd

(71) Cheetaah Medical, Inc.
(11) AU-A-2018250405
(21) 2018250405  (22) 17.10.2018
(54) Method and system for monitoring hemodynamics
(51) Int. Cl.
A61B 5/02  (2006.01)
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(72) LEVY, Baruch; MARCOVITCH, Shmuel; SCHUSMAN, Eliezer; ROBINSON, Dan; AVIDOR, Yoav; AVIDOR, Dan

(74) Griffith Hack

(71) Chill Gaming Pty Ltd
(11) AU-A-2018214028
(21) 2018214028  (22) 07.08.2018
(54) Audio system
(51) Int. Cl.
H04R 1/02  (2006.01)
H04N 5/64  (2006.01)
(43) 08.11.2018
(62) 2017204097

(72) WYER, Andrew; HERRING, Peter James; BRIDGES, Daryl; CREPALDI, Joseph Ronald; WURZ, Norman R.; WAND, Robert A.; WEISBERG, Bruce; WALBORN, Richard M.

(74) FB Rice Pty Ltd

(71) CONSTRUCTION SERVICES QUEENSLAND PTY LTD
(11) AU-A-2018247337
(21) 2018247337  (22) 12.10.2018
(54) POLYOLEFIN BONDING METHOD
(51) Int. Cl.
F25D 23/08  (2006.01)
B29C 65/46  (2006.01)
(43) 08.11.2018
(62) 2014202898
(72) GALLEHAWK, Steven; STEVENS, Graham Charles

(74) Christopher T Goodhew

(71) Conitche Transportbandsysteme GmbH; WALLACE, J.; Basson, J.
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(54) Pipe belt orientation monitoring
(51) Int. Cl.
B65G 43/02
(43) 08.11.2018
(62) 2015311842
(72) WALLACE, Jack Bruce; BASSON, Jacques Frederick

(74) Griffith Hack
(71) Coviden LP  
(11) AU-A-2018250420  
(21) 2018250420  
(22) 17.10.2018  
(54) Step-down coaxial microwave ablation applicators and methods for manufacturing same  
(51) Int. Cl.  
A61B 18/19  
A61B 18/12  
(22) 08.11.2018  
(62) 2014240941  
(72) BRANNAN, Joseph D.  
(74) Spruson & Ferguson

(71) Crown Equipment Corporation  
(11) AU-A-2018250353  
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(22) 15.10.2018  
(54) Tiller knob assembly for steering wheel  
(51) Int. Cl.  
B62D 1/04  
B62D 1/14  
(22) 08.11.2018  
(62) 2015200898  
(72) BOYD, William S.; QUINLAN Jr., Roger J.; WHITE, Daniel L.; GILLILAND, Kevin A.; SHURET, Edward E.; SPRAGUE, Allen D.  
(74) Griffith Hack

(71) Derrick Corporation  
(11) AU-A-2018247319  
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(22) 12.10.2018  
(54) Polyurethane screen  
(51) Int. Cl.  
B07B 1/46  
B07B 1/48  
(22) 08.11.2018  
(62) 2016233647  
(72) Colgrove, James R.; Lipa, Anthony J.  
(74) Shelston IP Pty Ltd

(71) Deviscor Medical Products, Inc  
(11) AU-A-2018247344  
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(22) 15.10.2018  
(54) Bipass device  
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A61B 10/02  
A61B 10/04  
(22) 08.11.2018  
(62) 2014233733  
(72) Speeg, Trevor W. V.; Rhad, Edward A.; Tanghal, Emmanuel V.; Hunter, Morgan R.; Leimbach, Jessica P.; Nock, Andrew P.; Fiebig, Kevin M.  
(74) FPA Patent Attorneys Pty Ltd

(71) E. I. du Pont de Nemours and Company  
(11) AU-A-2018250382  
(21) 2018250382  
(22) 16.10.2018  
(54) Furan-based polymeric hydrocarbon fuel barrier structures  
(51) Int. Cl.  
B32B 27/08  
B32B 27/32  
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(74) FPA Patent Attorneys Pty Ltd

(71) F. Ceredi S.P.A.  
(11) AU-A-2017202581  
(21) 2017202581  
(22) 19.04.2017  
(54) Container, sealing system and stopper  
(51) Int. Cl.  
B65D 39/04  
B44D 3/12  
B65D 39/02  
B65D 39/08  
B65D 43/02  
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(72) Ceredi, Gilberto  
(74) FPA Patent Attorneys Pty Ltd

(71) Fisher & Paykel Healthcare Limited  
(11) AU-A-2018247311  
(21) 2018247311  
(22) 12.10.2018  
(54) Nasal mask interface assembly  
(51) Int. Cl.  
A61M 16/06  
(22) 08.11.2018  
(62) 2017201124  
(72) PRENTEICE, Craig Robert; IP, Bernard Tsz Lun; RICHARDSON, Thomas; MC-DERMOTT, Gareth Thomas; BOYES, Richard John  
(74) Baldwins Intellectual Property

(71) FNA Group, Inc.  
(11) AU-A-2018202852  
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(54) Pressure washer safety lock  
(51) Int. Cl.  
B05B 9/01  
B05B 12/00  
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(72) Alexander, Gus; Kolicheski, Paulo Rogerio Funk; Gilpatrick, Richard James  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Genentech, Inc.  
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(21) 2018250393  
(22) 16.10.2018  
(54) Methods of prognosing, diagnosing and treating idiopathic pulmonary fibrosis  
(51) Int. Cl.  
C12Q 1/68  
A61K 38/00  
A61K 38/355  
C07K 16/00  
G01N 33/33  
(43) 08.11.2018  
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(72) ABBAS, Alexander R.; ARRONG, Joseph R.; CHANDRIANI, Sanjay; JIA, Guiquan; LEWIN-KOH, Nicholas J. I.; DEPIANTO, Daryl  
(74) Griffith Hack

(71) Genzyme Corporation  
(11) AU-A-2018247316  
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(22) 12.10.2018  
(54) Affinity-based analytical purification of biotherapeutics for bioprocess monitoring  
(51) Int. Cl.  
C07K 1/22  
C07K 14/00  
(22) 08.11.2018  
(62) 2017201124  
(72) Ceredi, Gilberto  
(74) FPA Patent Attorneys Pty Ltd

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(54) Methods of prognosing, diagnosing and treating idiopathic pulmonary fibrosis  
(74) Griffith Hack

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(54) Affinity-based analytical purification of biotherapeutics for bioprocess monitoring  
(74) Griffith Hack
(71) Gilead Calistoga LLC
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(22) 12.10.2018
(54) Therapies for hematologic malignancies
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)

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(72) Gallatin, Michael W.; Ulrich, Roger G.; Giese, Neill
(74) FPA Patent Attorneys Pty Ltd

(71) Gilead Sciences, Inc.
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Aqueous agricultural composition having improved spray drift performance (Int. Cl. A01N 25/06 (2006.01); A01N 25/10 (2006.01); A01N 25/30 (2006.01); A01N 57/20 (2006.01); A01P 13/00 (2006.01))

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B22D 11/128 (2006.01)  
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A23L 23/10  (2016.01)  
A23L 27/00  (2016.01)  
A23L 27/21  (2016.01)  

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A47J 43/046  (2006.01)  
A47J 31/44  (2006.01)  
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A43C 7/00  (2006.01)  
A43B 5/04  (2006.01)  
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A01B 15/18 (2006.01 )
A01C 5/04 (2006.01 )
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<th>Inventor(s)</th>
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F01K 27/02 (2006.01)

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H04N 1/00  (2006.01)  H04N 1/21  (2006.01)
H04N 5/232  (2006.01)
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| (62) 2014389903 |
| (72) Gammack, Peter; Courtney, Stephen; Moloney, Patrick; Shelton, Edward |
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| (71) Standard Financial Pty Ltd |
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2016340769 2016340925 2016362697 2016401399
2017200073 2017200200 2017200837 2017201139
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2018101481 2018101482 2018101483 2018101484
2018101485 2018101486 2018101487 2018101488
2018101492 2018101493 2018101494 2018101496
2018101497 2018101498 2018101500 2018101501

Assignments Registered

1999020854  signed to  Sensormatic Electronics LLC
1999034927  signed to  Sensormatic Electronics LLC
1999036645  signed to  Sensormatic Electronics LLC
1999048534  signed to  Sensormatic Electronics LLC
1999048536  signed to  Sensormatic Electronics LLC
1999053425  signed to  Sensormatic Electronics LLC
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Assignments Registered

2009204177 Rubin, Ely; Rubin, David The patent has been assigned to YSDR LLC
2009217782 Tyco Fire & Security GmbH The patent has been assigned to Sensormatic Electronics LLC
2009220017 Tyco Fire & Security GmbH The patent has been assigned to Sensormatic Electronics LLC
2009239330 Calignano, Antonio; Mazzoni, Orietta (Eredi); Berni Canani, Roberto; Coruzzo, Anna The patent has been assigned to RHEA Innovations s.r.l
2009255948 Tyco Fire & Security GmbH The patent has been assigned to Sensormatic Electronics LLC
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2009274617 Tyco Fire & Security GmbH The patent has been assigned to Sensormatic Electronics LLC
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2013202051 Tyco Fire & Security GmbH The patent has been assigned to Sensormatic Electronics LLC
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Assignments Registered

2013203125  Cooper Technologies Company  The patent has been assigned to NATBREWAY PTY LTD
2013203126  Cooper Technologies Company  The patent has been assigned to NATBREWAY PTY LTD
2013210014  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2013213748  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2013248243  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2013251246  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2013257441  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2013318559  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2014200642  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2014214569  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2014218447  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2014219081  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2014228514  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2014236006  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2014236224  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2014248868  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2014309403  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2015237203  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
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2015298607  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC

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2015302158  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2015362713  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2016202749  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2016280809  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2017200795  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2015302158  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2015362713  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2016202749  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2016280809  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC
2017200795  Tyco Fire & Security GmbH  The patent has been assigned to Sensormatic Electronics LLC

Licences Registered - Section 187, Reg. 19
(The name in the parentheses is that of the licensee)
2012383254  Apeiron Biologics AG ( EUSA Pharma (UK) Limited )

Mortgages Registered - Section 187, Reg. 19
(The name in the parentheses is that of the mortgagee)
2014339705  Nemaska Lithium Inc. ( Nordic Trustee AS )

Extensions of Term of Standard Patents
Extension of Term of a Standard Patent relating to Pharmaceutical Substances
Applications Accepted
The following application(s) for Extension of Term have been accepted under Section 74.
Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.
2008218968  Merck Sharp & Dohme Corp.
The earliest first regulatory approval date provided by the patentee 10 Sep 2018
For the goods ILMUYA tildrakizumab
Address for service: AJ Pietras & Co Level 1, 29 Kings Crescent PO Box 30173 Lower Hutt Wellington 5010 NZ

Extensions granted
The following application(s) for Extension of Term have been granted under Section 76.
1999028273  Pharmacosmos Holding A/S
The earliest first regulatory approval date provided by the patentee 04 Dec 2017
For the goods MONOFER iron (as ferric derisomaltose)
Extension of Term of patent pursuant to Section 77 expires on 24 Mar 2024
2009342799  Pharmacosmos Holding A/S
The earliest first regulatory approval date provided by the patentee 04 Dec 2017
For the goods MONOFER iron
Extension of Term of patent pursuant to Section 77 expires on 04 Dec 2032
2011305695  Enanta Pharmaceuticals, Inc.
The earliest first regulatory approval date provided by the patentee 02 Jan 2018
For the goods MAVIRET glecaprevir/pibrentasvir
Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

Extension of Term of patent pursuant to Section 77 expires on 02 Jan 2033

AbbVie Ireland Unlimited Company

The earliest first regulatory approval date provided by the patentee 02 Jan 2018

For the goods MAVIRET glecaprevir/pibrentasvir

Extension of Term of patent pursuant to Section 77 expires on 02 Jan 2033

Corrigenda

In Vol 32, No 22, Page(s) 3154 under the heading Assignments Before Grant, Section 113 - 2016 Under the name Essilor International, Application No. 2006347984, under INID (71) add co-applicants Universite Paris 6 Pierre Et Marie Curie

In Vol 32, No 22, Page(s) 3268 under the heading Assignments Registered Under the name Alphamicon, Application No. 2012285386, under INID (71) add co-applicants Satisloh Photonics AG

In Vol 32, No 22, Page(s) 3270 under the heading Assignments Registered Under the name Daikin Industries, Ltd.; Dow Corning Corporation

In Vol 32, No 22, Page(s) 3271 under the heading Assignments Registered Under the name Universite Paris 6 Pierre Et Marie Curie

In Vol 32, No 22, Page(s) 3271 under the heading Assignments Registered Under the name Universite Paris 6 Pierre Et Marie Curie

In Vol 32, No 22, Page(s) 3272 under the heading Assignments Registered Under the name New Jersey Institute of Technology

In Vol 32, No 22, Page(s) 3272 under the heading Assignments Registered Under the name SATISLOH PHOTONICS AG

In Vol 32, No 24, Page(s) 3524 under the heading Extensions of Term of Standard Patent, Section 70 - Applications Filed Under the name Wyeth Holdings Corporation, Application No. 2012202916, correct the pharmaceutical goods to read TRUMENBA Meningococcal group B vaccine

In Vol 32, No 32, Page(s) 4685 under the heading Extensions of Term of Standard Patent, Section 70 - Applications Filed Under the name Relypsa, Inc., Application No. 2009282721, correct the earliest first regulatory approval (TGA) date to read 12 Dec 2017

In Vol 32, No 38, Page(s) 5359 under the heading PCT applications that have entered the National Phase - Name Index Under the name Shenzhen Skyworth-RGB Electronic Co., Ltd., Application No. 2017331961, under INID (71) correct the applicant name to Shenzhen Skyworth-RGB Electronic Co., Ltd.

In Vol 32, No 39, Page(s) 5462 under the heading Amendments - Application for Amendments Under the name Boehringer Ingelheim Vetmedica GmbH, Application No. 2013370982 correct the date of the statements filed to read 20 July 2018, 21 September 2018 and 24 September 2018

In Vol 32, No 39, Page(s) 5462 under the heading Amendments - Application for Amendments Under the name XPED Holdings Pty Ltd, Application No. 2014203072 correct the date of the statements filed to read 22 August 2018, 7 September 2018 and 26 September 2018

In Vol 32, No 41, Page(s) 5795 under the heading PCT applications that have entered the National Phase - Name Index Under the name TWI Biotechnology, Inc., Application No. 2017261299, under INID (72) add co-inventor Brown III, Carl Oscar

In Vol 32, No 42, Page(s) 5824 under the heading Assignments Before Grant, Section 113 - 2018 Under the name TechVault Pty Ltd, Application No. 2018903734, under INID (71) correct the applicants name to read TechVault Pty Ltd

In Vol 32, No 42, Page(s) 5824 under the heading Assignments Before Grant, Section 113 - 2018 Under the name TechVault Pty Ltd, Application No. 2018903734, under INID (71) correct the applicants name to read TechVault Pty Ltd

In Vol 32, No 42, Page(s) 5881 under the heading PCT applications that have entered the National Phase - Name Index Under the name Skyworth-RGB Electronic Co., Ltd.

In Vol 32, No 42, Page(s) 5881 under the heading PCT applications that have entered the National Phase - Name Index Under the name XPED Holdings Pty Ltd, Application No. 2017243865, under INID (31) correct the number to read 2016901144

Specifications Republished

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

2014236316 Amgen Inc.
20142391045 Samsung Electronics Co., Ltd.
2016226160 Goldsmith, Y.
2016381231 Dropbox, Inc.