Contents

General Information & Notices

Alteration Of Name In Register ........................................... 19

Amendments
   Applications for Amendment ........................................... 18

Applications Lapsed, Refused Or Withdrawn
   Patents Ceased or Expired ........................................... 18

Assignments Registered .................................................... 19
General Information

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

Editorial enquiries
Contact information
Freedom of Information ACT
Professional Standards Board
Sales
Requests for Information under Section 194 (c)
Country Codes
Trade Mark and Designs Hearing Sessions
INID (Internationally agreed Numbers for the Indentification of Data)
The Australian Official Journal of Patents (AOJP) and the Supplement to the 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 & supplement 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 (e.g. 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

Australian provisional applications are assigned a 2 letter code followed by 4 digits. This is a unique series of numbers. Australian patent applications are assigned a unique series of 5 digit numbers followed by the year of lodgement at filing. At acceptance the application is assigned a 6 digit number, this again is a unique series of numbers.

1. Provisional Applications are given a 2 letter code followed by 4 unique numbers
   e.g. PR1326
2. Standard Complete applications (including Petty patents) are given a 5 digit number. Followed by the year of lodgement
   e.g. 56490/99
3. At acceptance Standard Completes (including Petty patents) are given a 6 digit number
   e.g. 696745

Document Numbering in the Supplement to the Australian Official Journal

Australian patent applications are assigned a 10 digit number at filing. Each Australian application will retain the same number throughout its life. The first four numbers of the application will be the year of lodgement followed by a unique series of numbers.

1. Provisional Applications are given a 10 digit number, this is the year of lodgement followed by a ‘9’ then a series of unique numbers.
   e.g. 2012907896
2. Standard Complete applications are also given a 10 digit number. Standard Completes are identified by 4 digit year of lodgement followed by a ‘2’ or ‘3’ then a series of unique numbers. Innovations are identified by the 4 digit year of lodgement followed by a ‘1’ then followed by a unique series of numbers.
   e.g. 2011236254 (Standard Complete)
   e.g. 2011158589 (Innovation)

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>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 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>PCT publication number</td>
<td>(87)</td>
</tr>
<tr>
<td>Date of filing of priority document(s)</td>
<td>(32)</td>
<td>Priority document number</td>
<td>(31)</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 if known</td>
<td>(72)</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 known to be such
(74) Name(s) of attorney(s) or agent(s)
(75) Name(s) of inventor(s) who is (are) also applicant(s)

(80) Identification of data related to International Conventions other than the Paris Convention
(86) PCT Application Number
(87) PCT Publication Number

NOTE

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

   AU-A = Pre-examination   AU-B = Post-examination

(2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)2, (51)3, (51)4 and (51)5.

(3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.
### Proceedings under the Patents Act 1990

**Applications Lapsed, Refused Or Withdrawn**

**Patents Ceased or Expired**

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers. The codes next to each number have the following meanings:

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Application Lapsed Section 142(2)(a) \S 47(C)\</td>
</tr>
<tr>
<td>3</td>
<td>Application Lapsed Section 142(2)(c) \S 52B(3)\</td>
</tr>
<tr>
<td>4</td>
<td>Application Lapsed Section 142(2)(d) \S 47D(1)\</td>
</tr>
<tr>
<td>5</td>
<td>Application Lapsed Section 142(2)(e) \S 53\</td>
</tr>
<tr>
<td>6</td>
<td>Application Lapsed Section 142(2)(f)/Reg. 13.5A(2) \Reg. 8.3(3)\</td>
</tr>
<tr>
<td>7</td>
<td>Application Lapsed Reg. 3.2A(3)/Reg. 3.2C \R 7B(3)\</td>
</tr>
<tr>
<td>8</td>
<td>Application Lapsed Section 142(3)</td>
</tr>
<tr>
<td>11</td>
<td>Application Lapsed Section 148(1)(c)</td>
</tr>
<tr>
<td>12</td>
<td>Application Withdrawn Section 141(1) \S 37\</td>
</tr>
<tr>
<td>13</td>
<td>Application Withdrawn Section 141(2)/Reg. 13.1C \Section 141(3)/Reg. 8.3(2)</td>
</tr>
<tr>
<td>14</td>
<td>Patent Ceased Section 143(a), or Expired</td>
</tr>
<tr>
<td>15</td>
<td>Patent Ceased Section 143(b)</td>
</tr>
<tr>
<td>16</td>
<td>Application refused</td>
</tr>
<tr>
<td>17</td>
<td>Application Lapsed Regulation 22.2B(2)</td>
</tr>
<tr>
<td>A</td>
<td>Applications on which examination has not been requested or directed</td>
</tr>
<tr>
<td>B</td>
<td>Applications on which a direction to request examination has been given</td>
</tr>
<tr>
<td>C</td>
<td>Applications on which examination has been requested or on which an examination report has been issued</td>
</tr>
<tr>
<td>D</td>
<td>Applications which have been accepted or advertised accepted</td>
</tr>
<tr>
<td>N</td>
<td>Applications Not Open to Public Inspection</td>
</tr>
</tbody>
</table>

668144 (14 ) 689391 (14 ) 708785 (14 ) 712126 (14 ) 712448 (14 ) 715275 (14 ) 716982 (14 ) 717294 (14 ) 718323 (14 ) 719212 (14 ) 719548 (14 ) 720291 (14 ) 723385 (14 ) 723943 (14 ) 724163 (14 ) 724527 (14 ) 726042 (14 ) 726159 (14 ) 726414 (14 ) 726551 (14 ) 727159 (14 ) 727338 (14 ) 727514 (14 ) 727666 (14 ) 728325 (14 ) 728437 (14 ) 730429 (14 ) 732990 (14 ) 733218 (14 ) 733272 (14 ) 733770 (14 ) 734248 (14 ) 734626 (14 ) 734754 (14 ) 735435 (14 ) 735523 (14 ) 737708 (14 ) 737903 (14 ) 737925 (14 ) 738737 (14 ) 738955 (14 ) 739238 (14 ) 739633 (14 ) 739802 (14 ) 740254 (14 ) 740388 (14 ) 740632 (14 ) 740904 (14 ) 741505 (14 ) 741783 (14 ) 741846 (14 ) 742393 (14 ) 743108 (14 ) 743343 (14 ) 744315 (14 ) 744601 (14 ) 744786 (14 ) 744974 (14 ) 745023 (14 ) 745134 (14 ) 745237 (14 ) 745870 (14 ) 745908 (14 ) 746322 (14 ) 746862 (14 ) 747015 (14 ) 747159 (14 ) 747338 (14 ) 747514 (14 ) 748068 (14 ) 748144 (14 ) 748193 (14 ) 7482511 (14 ) 748325 (14 ) 748437 (14 ) 748716 (14 ) 748726 (14 ) 748962 (14 ) 749180 (14 ) 749476 (14 ) 749638 (14 ) 750412 (14 ) 751948 (14 ) 752401 (14 ) 754996 (14 ) 755110 (14 ) 755269 (14 ) 756726 (14 ) 757296 (14 ) 757509 (14 ) 759223 (14 ) 759801 (14 ) 761051 (14 ) 761280 (14 ) 761499 (14 ) 761893 (14 ) 762368 (14 ) 762437 (14 ) 762610 (14 ) 763161 (14 ) 763276 (14 ) 763632 (14 ) 764936 (14 ) 765705 (14 ) 765726 (14 ) 766276 (14 ) 766639 (14 ) 767720 (14 ) 768319 (14 ) 769973 (14 ) 770167 (14 ) 770219 (14 ) 772410 (14 ) 773451 (14 ) 773648 (14 ) 773748 (14 ) 775105 (14 ) 775216 (14 ) 775236 (14 ) 776019 (14 ) 776031 (14 ) 776112 (14 ) 776182 (14 ) 776733 (14 ) 777202 (14 ) 777382 (14 ) 777973 (14 ) 777914 (14 ) 779073 (14 ) 779192 (14 ) 779233 (14 ) 779672 (14 ) 780057 (14 ) 780068 (14 ) 781448 (14 ) 781505 (14 ) 781800 (14 ) 781973 (14 ) 782033 (14 ) 782511 (14 ) 783807 (14 ) 784074 (14 ) 785474 (14 )

**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.

732957 GLP-1 derivatives Novo Nordisk A/S The nature of the proposed amendment is as shown in the statement(s) filed 26 May 2011. . Address for service in Australia - Shelston IP Level 21 60 Margaret Street SYDNEY NSW 2000

736676 Amide derivatives or salts thereof Astellas Pharma Inc. The nature of the proposed amendment is as shown in the statement(s) filed 6 Feb 2018. . Address for service in Australia - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street SYDNEY NSW 2000
Assignments Registered

728900  FRESH-TEC INDUSTRIES PTE LTD  The patent has been assigned to Coral Sea Fishing Pty Ltd

737398  FMC Biopolymer AS  The patent has been assigned to AlgiPharma AS

760237  IGM MALTA LIMITED  The patent has been assigned to IGM Group B.V.

767360  Dynamic Fluid Control (Proprietary) Limited  The patent has been assigned to Aveng Africa (Pty) Ltd

774305  Ciba Specialty Chemicals Holding Inc.  The patent has been assigned to IGM Group BV

778706  Nu-Lok Roofing Systems Pty Ltd  The patent has been assigned to Damocles Pty Ltd

Alteration Of Name In Register

775871  Fractal Edge Limited  The name of the patentee(s) has been changed to Fractal Maps Limited

779123  ASER  The name of the patentee(s) has been changed to MLT Minet Lacing Technology