



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Alteration Of Name In Register 73

Amendments, Section 104

 Applications for Amendment **72**
 Amendments Made **73**

**Applications Lapsed, Refused Or Withdrawn
Patents Ceased or Expired 68**

Assignments Registered 73

Extensions of Term of Standard Patents, Section 70 74

Letters Patent Sealed 73

Partial Revocation of Patent 73

Specifications Republished 74

Surrender and Revocation of Letters Patent 73

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 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 sealed 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 six-figure acceptance 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) SEALING –

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

Patent applications in Australia are assigned a number at the filing stage in their processing. Each Australian application will retain the same number throughout its life, though different numbers may be associated to the application. The number will incorporate the year of lodgment then a unique number within the appropriate range.

There will be number ranges for types of patents:

100,000 – 199,999 Innovation
200,000 – 799,999 Standard
800,000 – 899,999 Petty
900,000 – 999,999 Provisional

When searching for information and ordering documents it is vital that you understand the numbering systems.

1. **Provisional Applications** are given a ten-figure number

e.g. 2002901123

A provisional application number is identified by the INID number (21).

2. **Complete and Innovation Applications** are also given a ten-figure application number

e.g. 2002200345 Standard

2002100123 Innovation

There are prefixes applied to this number which indicate 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).

A ten-figure application number is identified by the INID number (21).

NOTE: When ordering any patent document from us, whether accepted or not, please quote the ten-figure application 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 Entered National Phase
- (v) Applications Accepted, and
- (vi) 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 five-figure Application Numbers, in the case of complete applications filed and applications OPI, or in order of their six-figure 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 five-figure application numbers of the application which are now OPI or the six-figure numbers of the cases now accepted. These indices are useful if you wish to check on patent activity in a particular technology.

Using the Indices

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

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

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
C) Applications open to public inspection - Name Index		D) Applications accepted - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)

<u>ITEM</u>	<u>INID</u> <u>No.</u>
E) Patents Certified – Name Index	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
Inventors <u>names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

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

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

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

The following Numerical Indices are available:

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

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

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily.

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

Appls Lapsed:W/drawn, Pat. Ceased:Exp/d cont'd

Applications Lapsed, Refused Or Withdrawn
Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code	Meaning
1	Application Lapsed Section 142(2)(a) \S 47(C)\
2	Application Lapsed Section 142(2)(b)
3	Application Lapsed Section 142(2)(c) \S 52B(3)\
4	Application Lapsed Section 142(2)(d) \S 47D(1)\
5	Application Lapsed Section 142(2)(e) \S 53\
6	Application Lapsed Section 142(2)(f)/Reg 8.3(3)
7	Application Lapsed Reg. 3.2(5)(a) \R 7B(3)\
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
10	Application Lapsed Section 142(4)(b)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)/Reg 8.3(2) \S 37\
13	Application Withdrawn Section 141(3)/Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application refused
17	Application Lapsed Regulation 22.2
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted, (including applications which have also been advertised 'Not Sealed')
N	Applications Not Open to Public Inspection

643115 (14)	643134 (14)	643174 (14)
643267 (14)	643365 (14)	643372 (14)
643379 (14)	643389 (14)	643593 (14)
643598 (14)	643607 (14)	643611 (14)
643614 (14)	643653 (14)	643870 (14)
643874 (14)	643890 (14)	643929 (14)
643975 (14)	644259 (14)	644266 (14)
644275 (14)	644291 (14)	644305 (14)
644508 (14)	644518 (14)	644528 (14)
644531 (14)	644534 (14)	644543 (14)
644570 (14)	644738 (14)	644764 (14)
644947 (14)	644991 (14)	645172 (14)
645202 (14)	645204 (14)	645208 (14)
645397 (14)	645404 (14)	645415 (14)
645420 (14)	645436 (14)	645652 (14)
645653 (14)	645654 (14)	645672 (14)
645680 (14)	645701 (14)	645729 (14)
645731 (14)	645880 (14)	645895 (14)
645899 (14)	645903 (14)	645906 (14)
645910 (14)	645916 (14)	645919 (14)
645933 (14)	645942 (14)	646134 (14)
646139 (14)	646161 (14)	646172 (14)
646182 (14)	646325 (14)	646328 (14)
646334 (14)	646353 (14)	646538 (14)
646550 (14)	646558 (14)	646560 (14)
646561 (14)	646569 (14)	646570 (14)
646584 (14)	646588 (14)	646616 (14)
646714 (14)	646718 (14)	646729 (14)
646732 (14)	646738 (14)	646751 (14)
646752 (14)	646917 (14)	646918 (14)
646945 (14)	646955 (14)	646963 (14)
646971 (14)	647234 (14)	647236 (14)
647237 (14)	647248 (14)	647249 (14)
647259 (14)	647270 (14)	647282 (14)
647355 (14)	647573 (14)	647577 (14)
647589 (14)	647597 (14)	647607 (14)
647609 (14)	647619 (14)	647624 (14)
647636 (14)	647709 (14)	647713 (14)
647908 (14)	647922 (14)	647924 (14)
647932 (14)	647933 (14)	647943 (14)
647946 (14)	647998 (14)	648135 (14)
648168 (14)	648173 (14)	648177 (14)
648178 (14)	648229 (14)	648398 (14)
648406 (14)	648416 (14)	648634 (14)
648642 (14)	648662 (14)	648663 (14)
648667 (14)	648680 (14)	648691 (14)
648723 (14)	648724 (14)	648726 (14)
648860 (14)	648876 (14)	648877 (14)
648890 (14)	648899 (14)	648901 (14)
648915 (14)	648945 (14)	648961 (14)
649134 (14)	649142 (14)	649152 (14)
578557 (14)	591225 (14)	593336 (14)
598279 (14)	599728 (14)	600002 (14)
600318 (14)	601426 (14)	601742 (14)
601981 (14)	603146 (14)	604011 (14)
605479 (14)	605778 (14)	610491 (14)
612735 (14)	613314 (14)	625096 (14)
630251 (14)	630314 (14)	631082 (14)
632968 (14)	634932 (14)	635172 (14)
635457 (14)	636081 (14)	636280 (14)
636530 (14)	636534 (14)	636538 (14)
636808 (14)	637016 (14)	637304 (14)
638184 (14)	638372 (14)	638395 (14)
638625 (14)	638626 (14)	638893 (14)
639393 (14)	639639 (14)	639640 (14)
639855 (14)	639856 (14)	640080 (14)
640083 (14)	640563 (14)	640855 (14)
640857 (14)	640893 (14)	641079 (14)
641082 (14)	641089 (14)	641094 (14)
641590 (14)	641613 (14)	641840 (14)
641891 (14)	642068 (14)	642074 (14)
642075 (14)	642082 (14)	642090 (14)
642342 (14)	642351 (14)	642377 (14)
642571 (14)	642819 (14)	642823 (14)

Appls Lapsed:W/drawn, Pat. Ceased:Exp/d cont'd

Appls Lapsed:W/drawn, Pat. Ceased:Exp/d cont'd

649195 (14)	649199 (14)	649201 (14)	653572 (14)	653582 (14)	653584 (14)
649307 (14)	649335 (14)	649340 (14)	653588 (14)	653591 (14)	653605 (14)
649522 (14)	649528 (14)	649777 (14)	653606 (14)	653623 (14)	653689 (14)
649783 (14)	649786 (14)	649813 (14)	653786 (14)	653790 (14)	653801 (14)
649814 (14)	649822 (14)	649836 (14)	653823 (14)	653825 (14)	653834 (14)
649851 (14)	649857 (14)	649865 (14)	653835 (14)	653839 (14)	653841 (14)
650097 (14)	650113 (14)	650122 (14)	653884 (14)	653979 (14)	653980 (14)
650138 (14)	650140 (14)	650153 (14)	653983 (14)	653984 (14)	653989 (14)
650156 (14)	650159 (14)	650163 (14)	653999 (14)	654003 (14)	654019 (14)
650353 (14)	650359 (14)	650382 (14)	654024 (14)	654041 (14)	654042 (14)
650509 (14)	650519 (14)	650521 (14)	654120 (14)	654168 (14)	654186 (14)
650524 (14)	650535 (14)	650544 (14)	654331 (14)	654339 (14)	654346 (14)
650548 (14)	650549 (14)	650550 (14)	654358 (14)	654360 (14)	654369 (14)
650715 (14)	650719 (14)	650725 (14)	654370 (14)	654390 (14)	654524 (14)
650730 (14)	650736 (14)	650740 (14)	654527 (14)	654529 (14)	654531 (14)
650747 (14)	650751 (14)	650762 (14)	654532 (14)	654537 (14)	654542 (14)
650813 (14)	650833 (14)	650948 (14)	654555 (14)	654562 (14)	654571 (14)
650956 (14)	650959 (14)	650974 (14)	654695 (14)	654699 (14)	654704 (14)
650976 (14)	650980 (14)	650983 (14)	654708 (14)	654712 (14)	654717 (14)
650991 (14)	650998 (14)	651169 (14)	654836 (14)	654838 (14)	654843 (14)
651174 (14)	651184 (14)	651186 (14)	654856 (14)	654860 (14)	654861 (14)
651188 (14)	651189 (14)	651205 (14)	654871 (14)	654995 (14)	654996 (14)
651212 (14)	651219 (14)	651229 (14)	655013 (14)	655014 (14)	655036 (14)
651236 (14)	651433 (14)	651439 (14)	655040 (14)	655053 (14)	655058 (14)
651440 (14)	651446 (14)	651447 (14)	655067 (14)	655242 (14)	655251 (14)
651450 (14)	651477 (14)	651489 (14)	655257 (14)	655263 (14)	655275 (14)
651654 (14)	651656 (14)	651666 (14)	655277 (14)	655282 (14)	655287 (14)
651669 (14)	651672 (14)	651674 (14)	655288 (14)	655295 (14)	655299 (14)
651676 (14)	651685 (14)	651691 (14)	655386 (14)	655449 (14)	655455 (14)
651707 (14)	651709 (14)	651715 (14)	655457 (14)	655459 (14)	655465 (14)
651720 (14)	651728 (14)	651861 (14)	655468 (14)	655475 (14)	655625 (14)
651869 (14)	651874 (14)	651877 (14)	655630 (14)	655646 (14)	655648 (14)
651882 (14)	651884 (14)	651885 (14)	655653 (14)	655660 (14)	655800 (14)
651891 (14)	651896 (14)	651935 (14)	655802 (14)	655809 (14)	655821 (14)
652031 (14)	652043 (14)	652055 (14)	655823 (14)	655825 (14)	655826 (14)
652056 (14)	652057 (14)	652226 (14)	655828 (14)	655837 (14)	655870 (14)
652227 (14)	652230 (14)	652247 (14)	655959 (14)	655961 (14)	655973 (14)
652251 (14)	652254 (14)	652274 (14)	655974 (14)	655981 (14)	655992 (14)
652325 (14)	652414 (14)	652416 (14)	656003 (14)	656008 (14)	656016 (14)
652417 (14)	652434 (14)	652452 (14)	656019 (14)	656166 (14)	656179 (14)
652476 (14)	652514 (14)	652610 (14)	656208 (14)	656217 (14)	656278 (14)
652613 (14)	652630 (14)	652633 (14)	656292 (14)	656360 (14)	656362 (14)
652635 (14)	652641 (14)	652645 (14)	656366 (14)	656378 (14)	656379 (14)
652646 (14)	652804 (14)	652838 (14)	656382 (14)	656393 (14)	656500 (14)
652840 (14)	652842 (14)	652843 (14)	656559 (14)	656560 (14)	656582 (14)
652844 (14)	652845 (14)	652900 (14)	656585 (14)	656589 (14)	656598 (14)
652984 (14)	652994 (14)	652996 (14)	656695 (14)	656758 (14)	656773 (14)
652997 (14)	653001 (14)	653005 (14)	656784 (14)	656799 (14)	656945 (14)
653007 (14)	653008 (14)	653016 (14)	656952 (14)	656959 (14)	656961 (14)
653022 (14)	653035 (14)	653039 (14)	656977 (14)	656979 (14)	656989 (14)
653042 (14)	653048 (14)	653203 (14)	656994 (14)	657115 (14)	657120 (14)
653210 (14)	653211 (14)	653218 (14)	657122 (14)	657123 (14)	657126 (14)
653223 (14)	653237 (14)	653242 (14)	657127 (14)	657134 (14)	657136 (14)
653249 (14)	653257 (14)	653386 (14)	657144 (14)	657149 (14)	657154 (14)
653401 (14)	653405 (14)	653409 (14)	657158 (14)	657307 (14)	657313 (14)
653415 (14)	653418 (14)	653425 (14)	657314 (14)	657330 (14)	657337 (14)

Appls Lapsed:W/drawn, Pat. Ceased:Exp/d cont'd

Appls Lapsed:W/drawn, Pat. Ceased:Exp/d cont'd

657340 (14)	657341 (14)	657450 (14)	662121 (14)	662127 (14)	662128 (14)
657510 (14)	657520 (14)	657524 (14)	662130 (14)	662132 (14)	662133 (14)
657535 (14)	657536 (14)	657538 (14)	662136 (14)	662144 (14)	662145 (14)
657540 (14)	657548 (14)	657552 (14)	662148 (14)	662151 (14)	662156 (14)
657568 (14)	657569 (14)	657728 (14)	662312 (14)	662324 (14)	662326 (14)
657731 (14)	657754 (14)	657755 (14)	662345 (14)	662346 (14)	662470 (14)
657759 (14)	657760 (14)	657767 (14)	662519 (14)	662528 (14)	662530 (14)
657791 (14)	657941 (14)	657943 (14)	662546 (14)	662548 (14)	662557 (14)
657956 (14)	657958 (14)	657961 (14)	662654 (14)	662733 (14)	662737 (14)
657979 (14)	657980 (14)	657985 (14)	662745 (14)	662754 (14)	662783 (14)
657997 (14)	658162 (14)	658169 (14)	662906 (14)	663072 (14)	663076 (14)
658170 (14)	658177 (14)	658178 (14)	663081 (14)	663093 (14)	663098 (14)
658186 (14)	658347 (14)	658396 (14)	663099 (14)	663101 (14)	663105 (14)
658402 (14)	658405 (14)	658407 (14)	663109 (14)	663259 (14)	663306 (14)
658408 (14)	658417 (14)	658423 (14)	663308 (14)	663312 (14)	663326 (14)
658429 (14)	658432 (14)	658440 (14)	663327 (14)	663489 (14)	663492 (14)
658605 (14)	658608 (14)	658620 (14)	663494 (14)	663509 (14)	663516 (14)
658621 (14)	658641 (14)	658644 (14)	663647 (14)	663654 (14)	663713 (14)
658645 (14)	658650 (14)	658662 (14)	663714 (14)	663722 (14)	663867 (14)
658862 (14)	658870 (14)	658890 (14)	663869 (14)	664030 (14)	664167 (14)
658902 (14)	658910 (14)	658911 (14)	664170 (14)	664173 (14)	664175 (14)
658920 (14)	659056 (14)	659131 (14)	664360 (14)	664361 (14)	664362 (14)
659136 (14)	659142 (14)	659143 (14)	664367 (14)	664370 (14)	664372 (14)
659154 (14)	659162 (14)	659167 (14)	664375 (14)	664544 (14)	664554 (14)
659187 (14)	659188 (14)	659203 (14)	664560 (14)	664564 (14)	664697 (14)
659284 (14)	659388 (14)	659429 (14)	664702 (14)	664709 (14)	664850 (14)
659433 (14)	659437 (14)	659440 (14)	664987 (14)	665000 (14)	665013 (14)
659441 (14)	659447 (14)	659460 (14)	665014 (14)	665185 (14)	665189 (14)
659478 (14)	659479 (14)	659481 (14)	665200 (14)	665352 (14)	665365 (14)
659484 (14)	659581 (14)	659643 (14)	665366 (14)	665368 (14)	665536 (14)
659645 (14)	659654 (14)	659656 (14)	665546 (14)	665548 (14)	665551 (14)
659657 (14)	659668 (14)	659669 (14)	665570 (14)	665753 (14)	665757 (14)
659703 (14)	659773 (14)	659774 (14)	665773 (14)	665918 (14)	665947 (14)
659820 (14)	659821 (14)	659825 (14)	665953 (14)	665956 (14)	666118 (14)
659828 (14)	659855 (14)	659863 (14)	666121 (14)	666307 (14)	666324 (14)
659987 (14)	660012 (14)	660019 (14)	666479 (14)	666484 (14)	666485 (14)
660021 (14)	660024 (14)	660031 (14)	666491 (14)	666629 (14)	666644 (14)
660032 (14)	660044 (14)	660124 (14)	666645 (14)	666647 (14)	666650 (14)
660170 (14)	660173 (14)	660306 (14)	666659 (14)	666665 (14)	666666 (14)
660445 (14)	660456 (14)	660461 (14)	666671 (14)	666841 (14)	666853 (14)
660466 (14)	660469 (14)	660533 (14)	666855 (14)	666857 (14)	666859 (14)
660644 (14)	660647 (14)	660655 (14)	666905 (14)	667034 (14)	667037 (14)
660660 (14)	660671 (14)	660676 (14)	667041 (14)	667045 (14)	667051 (14)
660680 (14)	660688 (14)	660750 (14)	667208 (14)	667298 (14)	667300 (14)
660873 (14)	660895 (14)	660965 (14)	667346 (14)	667471 (14)	667599 (14)
660976 (14)	660979 (14)	661004 (14)	667641 (14)	667669 (14)	667809 (14)
661005 (14)	661008 (14)	661022 (14)	667814 (14)	668080 (14)	668084 (14)
661027 (14)	661031 (14)	661088 (14)	668088 (14)	668351 (14)	668355 (14)
661259 (14)	661293 (14)	661297 (14)	668360 (14)	668507 (14)	668509 (14)
661308 (14)	661311 (14)	661313 (14)	668685 (14)	668687 (14)	668688 (14)
661315 (14)	661319 (14)	661482 (14)	668689 (14)	668690 (14)	668709 (14)
661483 (14)	661504 (14)	661673 (14)	668830 (14)	668858 (14)	668859 (14)
661674 (14)	661684 (14)	661686 (14)	668860 (14)	668862 (14)	668873 (14)
661706 (14)	661837 (14)	661844 (14)	668880 (14)	668926 (14)	669106 (14)
661845 (14)	661849 (14)	661857 (14)	669114 (14)	669313 (14)	669326 (14)
661909 (14)	661991 (14)	662117 (14)	669475 (14)	669478 (14)	669482 (14)

Appls Lapsed:W/drawn, Pat. Ceased:Exp/d cont'd

Appls Lapsed:W/drawn, Pat. Ceased:Exp/d cont'd

669589 (14)	669600 (14)	669662 (14)	701232 (14)	701454 (14)	701599 (14)
669664 (14)	669844 (14)	669849 (14)	701710 (14)	701781 (14)	701817 (14)
669850 (14)	670028 (14)	670030 (14)	701825 (14)	702144 (14)	702373 (14)
670033 (14)	670231 (14)	670235 (14)	702729 (14)	702908 (14)	703556 (14)
670236 (14)	670237 (14)	670238 (14)	703659 (14)	703772 (14)	704180 (14)
670240 (14)	670409 (14)	670534 (14)	704894 (14)	705265 (14)	705632 (14)
670535 (14)	670537 (14)	670560 (14)	705898 (14)	706843 (14)	707803 (14)
670900 (14)	671254 (14)	671256 (14)	707844 (14)	707901 (14)	707963 (14)
671404 (14)	671418 (14)	671532 (14)	708135 (14)	708219 (14)	708354 (14)
671594 (14)	671685 (14)	671797 (14)	708533 (14)	708603 (14)	708683 (14)
671802 (14)	671803 (14)	671878 (14)	708787 (14)	709113 (14)	709479 (14)
671950 (14)	671952 (14)	671953 (14)	710417 (14)	710768 (14)	710877 (14)
672172 (14)	672359 (14)	672460 (14)	711484 (14)	711615 (14)	711789 (14)
672520 (14)	672581 (14)	672582 (14)	712431 (14)	712532 (14)	712847 (14)
672748 (14)	672752 (14)	672951 (14)	712942 (14)	713202 (14)	713730 (14)
673138 (14)	673142 (14)	673206 (14)	713829 (14)	714048 (14)	714415 (14)
673329 (14)	673394 (14)	673498 (14)	714448 (14)	715298 (14)	715764 (14)
673790 (14)	673829 (14)	673947 (14)	716480 (14)	716616 (14)	717580 (14)
674027 (14)	674127 (14)	674390 (14)	717792 (14)	717809 (14)	718065 (14)
674491 (14)	674492 (14)	674634 (14)	718627 (14)	719098 (14)	719279 (14)
674828 (14)	675037 (14)	675203 (14)	719795 (14)	719866 (14)	720448 (14)
675204 (14)	675392 (14)	675433 (14)	720573 (14)	720737 (14)	721400 (14)
675493 (14)	675494 (14)	675773 (14)	721442 (14)	721510 (14)	721567 (14)
676263 (14)	676414 (14)	676538 (14)	722175 (14)	722484 (14)	722867 (14)
676632 (14)	676795 (14)	676972 (14)	723221 (14)	723435 (14)	723664 (14)
676994 (14)	677164 (14)	677281 (14)	724172 (14)	724874 (14)	726105 (14)
677469 (14)	677516 (14)	677525 (14)	726242 (14)	726356 (14)	726449 (14)
678730 (14)	678756 (14)	678905 (14)	727753 (14)	728764 (14)	728822 (14)
679101 (14)	679671 (14)	679713 (14)	728897 (14)	729042 (14)	729709 (14)
679825 (14)	680016 (14)	680399 (14)	729750 (14)	730111 (14)	730141 (14)
680648 (14)	681113 (14)	681160 (14)	730147 (14)	730603 (14)	731050 (14)
682131 (14)	682166 (14)	682230 (14)	731593 (14)	731788 (14)	732243 (14)
682569 (14)	682796 (14)	682913 (14)	732497 (14)	732896 (14)	734462 (14)
683411 (14)	683785 (14)	683812 (14)	734508 (14)	734706 (14)	735103 (14)
684070 (14)	685075 (14)	686474 (14)	735146 (14)	735328 (14)	735485 (14)
686573 (14)	687124 (14)	687377 (14)	735929 (14)	735991 (14)	736268 (14)
687506 (14)	687632 (14)	687785 (14)	736826 (14)	736925 (14)	737922 (14)
687789 (14)	687908 (14)	688692 (14)	738709 (14)	738793 (14)	739183 (14)
688920 (14)	689001 (14)	689002 (14)	739348 (14)	739392 (14)	739424 (14)
689014 (14)	689061 (14)	689211 (14)	740155 (14)	740174 (14)	740490 (14)
689289 (14)	689515 (14)	689823 (14)	740567 (14)	740989 (14)	741358 (14)
689864 (14)	690012 (14)	690430 (14)	742337 (14)	742363 (14)	742423 (14)
691748 (14)	692095 (14)	692100 (14)	742796 (14)	743557 (14)	743838 (14)
692433 (14)	692805 (14)	693003 (14)	744267 (14)	744841 (14)	744933 (14)
693374 (14)	693418 (14)	693753 (14)	745425 (14)	745650 (14)	746009 (14)
694091 (14)	694243 (14)	694280 (14)	746142 (14)	746152 (14)	746499 (14)
694581 (14)	694602 (14)	694808 (14)	746986 (14)	747290 (14)	747367 (14)
694900 (14)	694906 (14)	694972 (14)	747479 (14)	747509 (14)	748083 (14)
695509 (14)	695784 (14)	695823 (14)	748124 (14)	748501 (14)	748583 (14)
696337 (14)	696461 (14)	696547 (14)	748923 (14)	748967 (14)	749361 (14)
697066 (14)	697235 (14)	697765 (14)	749827 (14)	751154 (14)	751639 (14)
698056 (14)	698209 (14)	698682 (14)	752333 (14)	753084 (14)	754533 (14)
698816 (14)	698847 (14)	699669 (14)	754828 (14)	754904 (14)	756900 (14)
699715 (14)	700072 (14)	700271 (14)	757482 (14)	757737 (14)	757818 (14)
700521 (14)	700659 (14)	700705 (14)	758231 (14)	758412 (14)	758632 (14)
700782 (14)	700884 (14)	701179 (14)	759588 (14)	759679 (14)	759770 (14)

Appls Lapsed:W/drawn, Pat. Ceased:Exp/d cont'd

759984 (14)	760037 (14)	760043 (14)
760184 (14)	760243 (14)	760621 (14)
761747 (14)	761763 (14)	761854 (14)
761960 (14)	761961 (14)	762450 (14)
763185 (14)	763467 (14)	764383 (14)
764469 (14)	764523 (14)	764615 (14)
764725 (14)	765521 (14)	765532 (14)
765790 (14)	765826 (14)	766613 (14)
766731 (14)	767742 (14)	767828 (14)
767942 (14)	767954 (14)	768778 (14)
768987 (14)	769032 (14)	769221 (14)
769352 (14)	769810 (14)	770381 (14)
770493 (14)	770916 (14)	771626 (14)
771641 (14)	771650 (14)	771859 (14)
771940 (14)	771963 (14)	772429 (14)
773100 (14)	773191 (14)	773281 (14)
773316 (14)	774072 (14)	774306 (14)
774937 (14)	774984 (14)	775116 (14)
775240 (14)	776276 (14)	776654 (14)
777002 (14)	777088 (14)	778035 (14)
778530 (14)	778654 (14)	778972 (14)
779058 (14)	779125 (14)	779598 (14)
779709 (14)	780372 (14)	780381 (14)
780489 (14)	780639 (14)	780843 (14)
781011 (14)	781067 (14)	781506 (14)
781509 (14)	781615 (14)	781796 (14)
781830 (14)	782138 (14)	782233 (14)
782316 (14)	782345 (14)	783822 (14)
783830 (14)	784097 (14)	784134 (14)
784549 (14)	784614 (14)	784650 (14)
784768 (14)	785074 (14)	785103 (14)

Amendments, Section 104

Applications for Amendment

A person interested in opposing the allowance of the amendment may, at any time within three months from the date of this journal, give notice at the Patent Office using the approved form accompanied by the prescribed fee.

652869 Novel fumaric acid salts **Solvay Pharmaceuticals GmbH** The nature of the proposed amendment is: Amend the patentee to Abbott Products GmbH . Address for service in Australia - WATERMARK PATENT AND TRADE MARKS ATTORNEYS Level 2 302 Burwood Road HAWTHORN VIC 3122

691580 Antihyperglycaemic medicament **Solvay Pharmaceuticals GmbH** The nature of the proposed amendment is: Amend the patentee to Abbott Products GmbH . Address for service in Australia - WATERMARK PATENT AND TRADE MARKS ATTORNEYS Level 2 302 Burwood Road HAWTHORN VIC 3122

722084 Process to obtain oestrogens from mare's urine **Solvay Pharmaceuticals GmbH** The nature of the proposed amendment is: Amend the patentee to Abbott Products GmbH . Address for service in Australia - WATERMARK PATENT AND TRADE MARKS ATTORNEYS Level 2 302 Burwood Road HAWTHORN VIC 3122

722151 Use of complex lipids as stabilising additives to pharmaceutical preparations of digestive enzyme mixtures **Solvay Pharmaceuticals GmbH** The nature of the proposed amendment

Applications for Amendment -cont'd

is: Amend the patentee to Abbott Products GmbH . Address for service in Australia - WATERMARK PATENT AND TRADE MARKS ATTORNEYS Level 2 302 Burwood Road HAWTHORN VIC 3122

722739 Method to obtain oestrogens from mare's urine **Solvay Pharmaceuticals GmbH** The nature of the proposed amendment is: Amend the patentee to Abbott Products GmbH . Address for service in Australia - WATERMARK PATENT AND TRADE MARKS ATTORNEYS Level 2 302 Burwood Road HAWTHORN VIC 3122

731766 Method for separating cells **Asahi Kasei Kuraray Medical Co., Ltd** The nature of the proposed amendment is: Amend the patentee to Asahi Kasei Medical Co., Ltd . Address for service in Australia - WATERMARK PATENT AND TRADE MARKS ATTORNEYS Level 2 302 Burwood Road HAWTHORN VIC 3122

740983 Automatic plate freezer **Hastie Refrigeration Victoria Pty Ltd** The nature of the proposed amendment is: Amend the patentee to Gordon Brothers Industries Pty Ltd . Address for service in Australia - Minter Ellison Lawyers GPO Box 521 Sydney NSW 2001

753082 A person lowering and raising winch assembly **BHM Medical Inc.** The nature of the proposed amendment is: Amend the patentee to ArjoHuntleigh Magog Inc. . Address for service in Australia - Davies Collison Cave Level 15 1 Nicholson Street MELBOURNE VIC 3000

763340 Harness system combined with a urine collecting device **Solvay Pharmaceuticals GmbH** The nature of the proposed amendment is: Amend the patentee to Abbott Products GmbH . Address for service in Australia - WATERMARK PATENT AND TRADE MARKS ATTORNEYS Level 2 302 Burwood Road HAWTHORN VIC 3122

773571 Method for the removal of NOx and N2O from the residual gas in nitric acid production **Uhde GmbH** The nature of the proposed amendment is: Amend the patentee to ThyssenKrupp Uhde GmbH . Address for service in Australia - Davies Collison Cave GPO Box 3876 SYDNEY NSW 2001

773930 Medicament for treating diabetes **Solvay Pharmaceuticals GmbH** The nature of the proposed amendment is: Amend the patentee to Abbott Products GmbH . Address for service in Australia - WATERMARK PATENT AND TRADE MARKS ATTORNEYS Level 2 302 Burwood Road HAWTHORN VIC 3122

774855 Use of moxonidine for postmyocardial infarction treatment **Solvay Pharmaceuticals GmbH** The nature of the proposed amendment is: Amend the patentee to Abbott Products GmbH . Address for service in Australia - WATERMARK PATENT AND TRADE MARKS ATTORNEYS Level 2 302 Burwood Road HAWTHORN VIC 3122

775254 Removal of laughing gas in nitric acid production **Uhde GmbH** The nature of the proposed amendment is: Amend the patentee to ThyssenKrupp Uhde GmbH . Address for service in Australia - Davies Collison Cave GPO Box 3876 SYDNEY NSW 2001

778960 Method for removal of NOX and N2O **Uhde GmbH** The nature of the proposed amendment is: Amend the patentee to ThyssenKrupp Uhde GmbH . Address for service in Australia - Davies Collison Cave GPO Box 3876 SYDNEY NSW 2001

785438 Method and device for concentrating and stabilising conjugated oestrogens from the urine of mares **Solvay Pharmaceuticals GmbH** The nature of the proposed amendment is: Amend the patentee to Abbott Products GmbH . Address for service in Australia - WATERMARK PATENT AND TRADE MARKS ATTORNEYS Level 2 302 Burwood Road HAWTHORN VIC 3122

Amendments Made

708104 **Paltronics, Inc.** The nature of the amendment is as was notified in the Official Journal dated 2 Feb 2012

780846 **Curis, Inc.** The nature of the amendment is as was notified in the Official Journal dated 23 Feb 2012

Letters Patent Sealed**Standard Patents**

681116

Surrender and Revocation of Letters Patent**Partial Revocation of Patent**

717313

Pursuant to an Order of the Federal Court (No NSD 722 of 2010) of Justice Bennett dated 26 July 2012 claims 1, 2, 4, 6, 8, 9, 10, 11, 12, 14, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28, 29, 30, 34 and 35 have been revoked.

Assignments Registered

679329 Agricultural Business Research Institute The patent has been assigned to **Holland Farms Pty Ltd; Derodi Pty Ltd**

693447 Paul Damian Nelson The patent has been assigned to **ICON-IP Pty Ltd**

698146 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

704503 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

704508 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

704569 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

706786 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

716999 Project Fire Engineers Limited The patent has been assigned to **Project Fire Global Holdings Limited**

724829 RGB Industries Pty Ltd The patent has been assigned to **Dulkara Holdings Pty Ltd**

725349 Ridley Research and Development Corporation Limited The patent has been assigned to **Ridley AgriProducts Proprietary Limited**

730088 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

730253 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

731437 Cwill Telecommunications, Inc. The patent has been assigned to **Beijing Xinwei Telecom Technology, Inc.**

741652 Paul Damian Nelson The patent has been assigned to

Assignments Registered - cont'd**ICON-IP Pty Ltd**

747496 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

747778 Stephan Bohm; Marcelo B. P. Amato The patent has been assigned to **Timpel S.A.**

760980 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

761685 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

762485 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

763779 Lipotec, S.A. The patent has been assigned to **GP PHARM, S.A.**

766180 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

766819 2011 Intellectual Property Asset Trust The patent has been assigned to **Sisvel International S.A.**

768894 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

772591 2011 Intellectual Property Asset Trust The patent has been assigned to **Sisvel International S.A.**

774680 Lipotec, S.A. The patent has been assigned to **GP PHARM, S.A.**

774792 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

777820 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

780215 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

780252 Hewlett-Packard Company The patent has been assigned to **Hewlett-Packard Development Company, L.P.**

781008 Red Sheriff Limited The patent has been assigned to **comScore, Inc.**

Alteration Of Name In Register

717338 voestapline Nortrak Inc. The name of the patentee(s) has been changed to **voestalpine Nortrak Inc.**

Extensions of Term of Standard Patents, Section 70

Application accepted

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

711227 Aventis Pharma S.A.

JEVTANA cabazitaxel

Address for Service: Davies Collison Cave Level 15 1 Nicholson Street MELBOURNE VIC 3000

Date extended term due to expire on 25/03/2021

728524 Teva Pharmaceutical Industries Ltd.

AZILECT rasagiline mesilate

Address for Service: FB Rice Level 23 44 Market Street SYDNEY NSW 2000

Date extended term due to expire on 18/09/2021

771490 Teva Pharmaceutical Industries Ltd.

AZILECT rasagiline mesilate

Address for Service: FB Rice Level 23 44 Market Street SYDNEY NSW 2000

Date extended term due to expire on 18/09/2021

Specifications Republished

The following specifications contained errors when advertised OPI or Accepted. They have been reissued on the AU-A or AU-B CD-ROM of this Journal date.

762175 Amazon.Com, Inc.