



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

EDITORIAL ENQUIRIES

All enquiries about official notices and general information in the Journal should be directed to IP Australia,
(ABN No 38 113 072 755),
PO Box 200 Woden ACT 2606

Or

Telephone 1300 651 010
(International Callers +61 2 6283 2999)
Fax 02 6283 7999
E-mail assist@ipaaustralia.gov.au

CONTACT INFORMATION

Customer Service Network
Telephone 1300 651 010 , Fax: 02 6283 7999
E-mail: assist@ipaaustralia.gov.au

Customers can contact the Customer Service Network by telephone or by e-mail. Telephones are staffed between 9am and 5pm each working day.

Customers should contact the Customer Service Network for information about:

- All Patent Matters including PCT and Innovation Patents.
- All Trade Mark Matters.
- All Design Matters.

Professional Standards Board for Patent and Trade Mark Attorneys.

Ph: 02 6283 2345 Fax: 02 6283 1048

ORDERING PATENT DOCUMENTS

When ordering copies of Australian patent specifications, or abstracts and abridgments notified as open to public inspection on or after 26 October 1978, or as accepted on or after 16 November 1978, the documents should be referred to by application numbers only, preceded by letters AU-A or AU-B respectively.

REQUESTS FOR INFORMATION UNDER SECTION 194 (C)

A request for information under Section 194 (C) of the Patents Act 1990 should be made in the approved form and be accompanied by the prescribed fee. The request should be as detailed as possible.

INFORMATION FROM REGISTERS

All requests for information from Register of Patents, Trade Marks or Designs, should be made in writing and accompanied by the prescribed fee. The Registers are located in Canberra and may be examined free of charge.

COUNTRY CODES

For a listing of country codes used by IP Australia please refer to the Official Journals dated 7 November 1996.

ABBREVIATIONS IN JOURNAL

Standard abbreviations are used in the name of companies and firms. Enquiries concerning the precise name should be directed to the Customer Service Network.

FREEDOM OF INFORMATION ACT

What does it do?

- Gives you right to obtain information held by Commonwealth Ministers, Departments and most statutory bodies (these bodies are called agencies under the Act).
- Requires Commonwealth Government agencies to make available to members of the public:
 - Information about agencies, their functions and operations.
 - Information about rules and practices which are used in making decisions which affect you.
- Gives you a legal right to:
 - See non exempt documents held by agencies, and
 - appeal against a decision not to grant access to a document.

What documents can you see?

- The Act gives you a right to see documents lodged on or after 1 December 1977, or earlier if you need them to understand another document you have already.
- Documents include files, reports, computer printouts, maps, plans, photographs, tape recordings, films or videotapes.
- Documents which are available for purchase under the Patents Act 1990, the Trade Marks Act 1995 or Designs Act 2003 are not available under the Freedom of Information Act (Section 12 refers).

How do you apply?

Requests for access to documents must

- Be in writing
- Provide sufficient information so as to enable identification of the documents requested
- Specify an address in Australia where notices can be sent and
- Be accompanied by the application fee (currently \$30.00) or specify an IP Australia account to which the charges will be posted.

Requests for documents should be addressed to IP Australia, PO Box 200 Woden, ACT 2606, or Faxed to 02 6283 7999

DECISIONS OF THE COMMISSIONER OF PATENTS AND REGISTRAR OF TRADE MARKS AND DESIGNS

- All decisions of the Commissioner and Registrars are available free of charge from AUSTLII's website www.austlii.edu.au

Copies of all written Patent and Design decisions are available (except if they would not be available under the provisions of the Freedom of Information legislation, e.g. if they would effectively disclose matter from documents that are not open to public inspection) on request for a cost of \$AU 25. They are also available for inspection in indexed volume series, dating from 1 January 1987, in the Office library, Canberra.

Copies of Trade Mark decisions may be accessed via IP Australia's website www.ipaustralia.gov.au

- Copies of the taped record of Patent and Design hearings are available (with the same exception as above) on request.
- When a written decision is issued the fact of the decision plus a brief head note will be published in the Official Notices section of the next available Patents, Trade Marks or Designs Journal.

HEARINGS BEFORE THE COMMISSIONER OF PATENTS

Hearings before the Commissioner of Patents will usually be conducted at the Patent Office in Canberra and interstate hearing sessions are not provided. However, the Commissioner will conduct hearings outside of Canberra at a convenient time to all parties provided that the parties bear the travel costs of the hearing officer.

The various options for hearings are set out in the document "Options for Hearings" available on IP Australia's website at: www.ipaustralia.gov.au/pdfs/patents/optionsforhearings.PDF

HEARINGS BEFORE THE REGISTRARS OF TRADE MARKS AND DESIGNS

Hearings before the Registrars of Trade Marks and Designs will be set down in Melbourne, Sydney, Adelaide, Perth and Brisbane during the periods indicated below.

Designs and Trade Marks Hearings Sessions 2006

Melbourne	13 – 17 February 5 – 9 June 11 – 15 September
Sydney	13 – 17 March 17 – 21 July 16 – 20 October
Adelaide	14 – 15 August
Perth	17 – 18 August
Brisbane	24 – 25 August

Persons who desire matters to be set down for hearing in Melbourne, Sydney, Adelaide, Perth or Brisbane must give at least one month's notice of their intention to be heard. If such notice is not given, it may be that there would be insufficient time to allow for the execution of official procedures associated with the listing of hearings, and as a result, the matter involved might not be listed.

Subject to the convenience of this Office, hearings will be set down in Canberra at any time suitable to the parties.

LIST OF STATE OFFICES

IP Australia State Offices are located in the Australian Capitals at the addresses given below. Requests for information may be obtained by calling at, phoning or writing to these offices or IP Australia, Canberra.

Australian Capital Territory

Ground Floor
Discovery House
PHILLIP ACT 2606
(PO Box 200, WODEN ACT 2606)
Ph: 1300 651 010
Fax: (02) 6283 7999

New South Wales

Level 1
45 Clarence Street
SYDNEY NSW 2000
Ph: 1300 651 010
Fax: (02) 9249 5807

Victoria

Level 6
OCBC House
565 Bourke Street
MELBOURNE VIC 3000
Ph: 1300 651 010
Fax (03) 9612 9807

Western Australia

2nd Floor
East Point Plaza
233 Adelaide Terrace
PERTH WA 6000
Ph: 1300 651 010
Fax: (08) 9220 8907

Queensland

Level 1
Grant Thornton House
102 Adelaide Street
BRISBANE QLD 4000
Ph: 1300 651 010
Fax: (07) 3007 1107

South Australia

Level 10
Origin Energy House
1 King William Street
ADELAIDE SA 5000
Ph: 1300 651 010
Fax: (08) 8239 4507

Tasmania

4th Floor
AMP Building
27 Elizabeth Street
HOBART TAS 7000
Ph: 1300 651 010
Fax: (03) 6235 6307

GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (**AOJP**) reports on all the 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. In addition, an Abstracts Supplement to the AOJP contains abstracts of the inventive content of the OPI applications.

(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. In addition, an Abridgments Supplement contains an abridgment (usually the broadest accepted claim and relevant drawing where appropriate) for each accepted application. 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.

(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 six-figure acceptance number.

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 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 international 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 data on which a document is filed has the INID number (22), while the name of the applicant has the INID number (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 numbers at various stages in their processing. Each Australian application which proceeds to acceptance will have at least two (and sometimes more) different numbers during its life. When searching for information and ordering documents it is vital that you understand the numbering systems.

1. **Provisional Applications** are given a number with two characters and four numbers

e.g. **PM1234**

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

2. **Complete Applications** are given a five-figure application number followed by the last two digits of the year of filing

e.g. **12345/93**

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**; e.g. AU-A-12345/93.

A document corresponding to an **accepted** application carries the prefix **AU-B**; e.g. AU-B-12345/93.

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 five-figure application number is identified by the INID numbers (11) or (21).

3. When a patent application is **accepted** it is given a six-figure document number in addition to the five-figure application number
e.g. 123456

This is the number you must use to keep track of the application in the AOJP from now on. It is identified by the INID number (10).

NOTE: When ordering any patent document from us, whether accepted or not, please quote the five-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, and
- (iv) Applications Accepted

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 symbol is an alpha-numerical representation of a particular area of technology. These indices are in order of IPC symbol, and within each symbol provide either the five-figure application numbers of the applications 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 No.</u>	<u>ITEM</u>	<u>INID 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 <u>Provisional application 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> in which priority document filed	(33)
		PCT application <u>number</u>	(86)
<u>ITEM</u>	<u>INID No.</u>	<u>ITEM</u>	<u>INID 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)
International patent <u>classification symbols</u>	(51)	The <u>title</u>	(54)

Priority document <u>number(s)</u>	(31)	International patent <u>classification symbols</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(s)</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors <u>names</u> 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)
Related by addition	(61)	Publication <u>date</u> of examined document	(44)
Related by division	(62)	Publication <u>date</u> of granted document	(45)
		Inventors <u>names</u> if known	(72)
		<u>Patent Attorneys</u>	(74)
		Related by addition	(61)
		Related by division	(62)

You will notice at each stage of following an 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) Applications **Open to Public Inspection**.
- D) Applications **Accepted** (note that this uses six-figure document numbers rather than five-figure application numbers).

3. To Find Information About Patent Documents in the Technical Subject that You are Interested in if You Know the International Patent Classification Symbol for that Technical Subject.

All patent applications are classified according to their technical subject matter using the International Patent Classification (**IPC**). Although the system is very detailed and covers all technologies, knowledge of the IPC symbols of the technical subject that you are interested in will allow you to find patent documents in those technologies quite easily. To identify the IPC symbols for the technical subject that you are interested in, please consult the official IPC web page at <http://www.wipo.int/classifications/ipc/ipc8>. This web page has extra aids to locate the classification symbols such as a catchword index, definitions and illustrations. The IPC symbols may appear in publications in boldface (for "invention information") or regular typeface (for "additional information"). The italic typeface indicates that IP Australia classifies into the advanced level of IPC. The version indicator after each IPC symbol, e.g. (2006.01), indicates the year and the month that the symbol first appeared in IPC.

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 symbols.

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 **N**umbers for the **I**dentification of **D**ata '.

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

(30) Priority date

- (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 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 document

- (70) Name(s) of nominated person
- (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 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 patent attorney, or firm of attorneys, prosecuting an application.

(4) No provision is made for addresses for service. Addresses for service of applicants not represented by an independent attorney or firm are viewable at www.ipaustralia.gov.au and on sale at the IP Australia State Offices.

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:

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(2)/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

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

2000			
47645 (5C)	72469 (5C)	78680 (5C)	
2001			
18329 (5C)	50097 (5C)	54193 (5C)	
54205 (5C)	54943 (5C)	55895 (5C)	
57788 (5C)	63538 (5C)	72198 (5C)	
78239 (5C)			
2002			
38263 (5C)			

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.

672871 **Roads Corp.** An application to extend the time from 13 Jan 2005 to 13 May 2006 in which to pay a renewal fee has been lodged . Address for service in Australia - Davies Collison Cave Level 15 1 Nicholson Street MELBOURNE VIC 3000

782402 **Wellstat Biologics Corp.** An application to extend the time from 1 Feb 2004 to 8 Jun 2006 in which to provide search results under S45(3) has been filed . Address for service in Australia - Blake Dawson Waldron Level 39 101 Collins Street MELBOURNE VIC 3000

Applications Accepted

Name Index

The Nominated Person(s) (INID 70) are listed only if they differ from the Applicant(s) (INID 71). Otherwise only the Applicant(s) are listed.

(71) Auto Flow Gate Pty Ltd	(54) ELECTROCHROMIC DISPLAY DEVICE AND COMPOSITIONS USEFUL IN MAKING SUCH DEVICES	A01N 43/40 (2006.01)
(11) AU-B-29860/01 (10) 784831	(51) Int. Cl.	C07D 213/64 (2006.01)
(21) 29860/01 (22) 23.03.01	G02F 1/15 (2006.01)	C07D 249/12 (2006.01)
(54) LIQUID LEVEL REGULATION APPARATUS	G02F 1/17 (2006.01)	C07D 257/04 (2006.01)
(51) Int. Cl.	G02F 1/155 (2006.01)	C07D 403/12 (2006.01)
E02B 7/20 (2006.01)	(31) 60/277030 (32) 19.03.01 (33) US	A01N 43/653 (2006.01)
E02B 7/18 (2006.01)	(43) 26.09.02	(87) WO01/53275
E02B 8/04 (2006.01)	(44) 29.06.06	(31) 10001588 (32) 17.01.00 (33) DE
E02C 1/06 (2006.01)	(72) Vincent, J.B.; Babinec, S.J.; Dermody, D.L.; Chen, Y.	10039723 14.08.00 DE
G05D 9/02 (2006.01)	(74) PHILLIPS ORMONDE & FITZPATRICK	(43) 31.07.01
(31) PR0488 (32) 23.03.00 (33) AU	(71) Bayer Aktiengesellschaft; Nihon Bayer Agrochem K.K.	(44) 29.06.06
(43) 25.07.02	(11) AU-B-31666/01 (10) 784813	(72) Schallner, O.; Lehr, S.; Schwarz, H.; Muller, K.; Hoischen, D.; Drewes, M.; Dahmen, P.; Feucht, D.; Pontzen, Dr. R.; Yanagi, A.; Narabu, S.; Goto, T.
(44) 29.06.06	(21) 31666/01 (22) 05.01.01	(74) Davies Collison Cave
(72) Wall, P.	(54) SUBSTITUTED ARYL KETONES	BFS Diversified Products, LLC see PACCAR Inc
(74) Griffith Hack	(51) Int. Cl.	(11) AU-B-57923/01
(71) Aveso, Inc.	C07D 207/26 (2006.01)	
(11) AU-B-27461/02 (10) 784820		
(21) 27461/02 (22) 19.03.02		

Applications Accepted - Name Index cont'd

(71) BOC Group, Inc., The
 (11) AU-B-26147/02 (10) **784818**
 (21) 26147/02 (22) 19.03.02
 (54) REACTOR MODIFICATIONS FOR NOX REDUCTION FROM A FLUID CATALYTIC CRACKING REGENERATION VESSEL
 (51) Int. Cl.
B01D 53/56 (2006.01)
B01D 53/62 (2006.01)
C10G 11/18 (2006.01)
 (31) 09/813575 (32) 21.03.01 (33) US
 (43) 26.09.02
 (44) 29.06.06
 (72) Tamhankar, S.S.; Limbach, K.W.; Ganguly, S.
 (74) Shelston IP

(71) Cochlear Ltd.
 (11) AU-B-95246/01 (10) **784823**
 (21) 95246/01 (22) 28.09.01
 (54) COMBINATION STYLET AND STRAIGHTENING COATING FOR A COCHLEAR IMPLANT ELECTRODE ARRAY
 (51) Int. Cl.
A61N 1/05 (2006.01)
A61F 11/04 (2006.01)
 (87) WO02/28474
 (31) PR0541 (32) 04.10.00 (33) AU
 PR0807 17.10.00 AU
 PR1005 25.10.00 AU
 PR1778 29.11.00 AU
 (43) 15.04.02
 (44) 29.06.06
 (72) Dadd, F.; Darley, I.; Gibson, P.; Parker, J.; Treaba, C.
 (74) F B Rice & Co

(71) Cubist Pharmaceuticals, Inc.
 (11) AU-B-36357/01 (10) **784812**
 (21) 36357/01 (22) 15.12.00
 (54) LIPOPEPTIDES AS ANTIBACTERIAL AGENTS
 (51) Int. Cl.
C07K 7/08 (2006.01)
A61K 38/00 (2006.01)
 (87) WO01/44274
 (31) 60/170946 (32) 15.12.99 (33) US
 60/208222 30.05.00 US
 (43) 25.06.01
 (44) 29.06.06
 (72) Hill, J.; Parr, I.; Morytko, M.; Siedlecki, J.; Yu, X.Y.; Silverman, J.; Keith, D.; Finn, J.; Christensen, D.; Lazarova, T.; Watson, A.D.; Zhang, Y.
 (74) Cullen & Co

(71) Dampier Salt Ltd.
 (11) AU-B-65459/01 (10) **784807**
 (21) 65459/01 (22) 24.08.01
 (54) IMPROVEMENTS IN OR RELATING TO METHODS AND APPARATUS FOR THE PURIFICATION OF PARTICULATE SOLIDS
 (51) Int. Cl.
B01D 21/02 (2006.01)
 (31) PQ9970 (32) 07.09.00 (33) AU
 (43) 14.03.02
 (44) 29.06.06
 (72) Wiszniewski, A.; Redko, V.
 (74) Allens Arthur Robinson

(71) Digene Corp.
 (11) AU-B-17646/01 (10) **784821**
 (21) 17646/01 (22) 14.11.00
 (54) IMMUNOLOGICAL DETECTION OF RNA:DNA HYBRIDS ON MICROARRAYS
 (51) Int. Cl.
C12Q 1/68 (2006.01)
C12N 15/09 (2006.01)
G01N 31/22 (2006.01)
G01N 33/53 (2006.01)
G01N 37/00 (2006.01)
G01N 33/543 (2006.01)
G01N 33/577 (2006.01)
 (87) WO01/36681
 (31) 09/440419 (32) 15.11.99 (33) US
 09/707178 06.11.00 US
 (43) 30.05.01
 (44) 29.06.06
 (72) Lazar, J.G.; Zakel, J.M.; Strange, C.M.; Williams, I.R.; Lorincz, A.T.; De La Rosa, A.
 (74) Griffith Hack

(71) Ecosphere Technologies
 (11) AU-B-31440/02 (10) **784828**
 (21) 31440/02 (22) 05.04.02
 (54) A TOILET INSTALLATION IMPLEMENTING COMPOSTING WITH WORMS
 (51) Int. Cl.
A47K 11/00 (2006.01)
C05F 3/04 (2006.01)
 (31) 0104688 (32) 06.04.01 (33) FR
 (43) 10.10.02
 (44) 29.06.06
 (72) Colombot, P.
 (74) Davies Collison Cave

(71) Ethicon, Inc.
 (11) AU-B-45894/02 (10) **784824**
 (21) 45894/02 (22) 07.06.02
 (54) DEVICES AND METHODS FOR CELL HARVESTING
 (51) Int. Cl.
C12M 3/08 (2006.01)
 (31) 09/880118 (32) 13.06.01 (33) US
 (43) 30.10.03
 (44) 29.06.06
 (72) Harris, I.R.
 (74) Freehills Patent & Trade Mark Attorneys

(71) GTECH Global Services Corp. Ltd.
 (11) AU-B-19195/01 (10) **784816**
 (21) 19195/01 (22) 15.11.00
 (54) MIXED-MODE INTERACTION
 (51) Int. Cl.
H04L 29/08 (2006.01)
G06Q 20/00 (2006.01)
G06Q 30/00 (2006.01)
H04L 29/06 (2006.01)
H04M 3/493 (2006.01)
 (87) WO03/19905
 (31) 60/217997 (32) 13.07.00 (33) US
 09/692775 16.10.00 US
 (43) 10.03.03
 (44) 29.06.06
 (72) Mamdani, M.; Grant, C.; Johnson, P.; Bomar, K.; Whatley, T.
 (74) Shelston IP

(71) Haynes International Inc.
 (11) AU-B-50646/02 (10) **784826**
 (21) 50646/02 (22) 26.06.02
 (54) AGING TREATMENT FOR NI-CR-MO

ALLOYS
 (51) Int. Cl.
C22F 1/10 (2006.01)
C22C 19/05 (2006.01)
 (31) 09/894353 (32) 28.06.01 (33) US
 10/165649 07.06.02 US
 (43) 02.01.03
 (44) 29.06.06
 (72) Pike Jr., L.M.; Klarstrom, D.L.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS

(71) IVAX Research, Inc.
 (11) AU-B-48678/01 (10) **784830**
 (21) 48678/01 (22) 31.01.01
 (54) SYNTHESIS OF WATER SOLUBLE 9-DIHYDRO-PACLITAXEL DERIVATIVES FROM 9-DIHYDRO-13-ACETYLBACCATIN III
 (51) Int. Cl.
C07D 305/14 (2006.01)
 (87) WO01/55126
 (31) 09/494629 (32) 31.01.00 (33) US
 (43) 07.08.01
 (44) 29.06.06
 (72) Liu, J.
 (74) Shelston IP

(71) Maco Pharma
 (11) AU-B-44430/02 (10) **784825**
 (21) 44430/02 (22) 28.05.02
 (54) A PLACENTAL BLOOD COLLECTION LINE INCLUDING A RINSING BAG
 (51) Int. Cl.
A61M 1/02 (2006.01)
A61M 1/36 (2006.01)
 (31) 0107262 (32) 01.06.01 (33) FR
 (43) 05.12.02
 (44) 29.06.06
 (72) Deverre, F.
 (74) Allens Arthur Robinson

Nihon Bayer Agrochem K.K. see Bayer Aktiengesellschaft
 (11) AU-B-31666/01

(71) O.Y.L. Research & Development Centre Sdn. Bhd.
 (11) AU-B-31401/02 (10) **784819**
 (21) 31401/02 (22) 03.04.02
 (54) ROOM AIR-CONDITIONER
 (51) Int. Cl.
F24F 1/02 (2006.01)
F24F 13/20 (2006.01)
 (31) PR4280 (32) 06.04.01 (33) AU
 10.10.02
 (43) 10.10.02
 (44) 29.06.06
 (72) Liu, W.M.
 (74) Freehills Patent & Trade Mark Attorneys

(71) Ortho-Clinical Diagnostics, Inc.
 (11) AU-B-29316/02 (10) **784808**
 (21) 29316/02 (22) 28.03.02
 (54) PRION AND VIRAL CLEARANCE PROCESS
 (51) Int. Cl.
C07K 1/36 (2006.01)
C07K 16/06 (2006.01)
C07K 16/34 (2006.01)
 (31) 60/280807 (32) 02.04.01 (33) US
 (43) 03.10.02
 (44) 29.06.06
 (72) Van Holten, R.
 (74) Freehills Patent & Trade Mark Attorneys

Applications Accepted - Name Index cont'd

(71) PACCAR Inc; BFS Diversified Products, LLC
 (11) AU-B-57923/01 (10) **784814**
 (21) 57923/01 (22) 08.08.01
 (54) INTEGRATED AIR SPRING
 (51) Int. Cl.
B60G 11/28 (2006.01)
F16F 9/04 (2006.01)
 (31) 09/635371 (32) 09.08.00 (33) US
 (43) 14.02.02
 (44) 29.06.06
 (72) DeLizo, S.B.; Krusel, W.D.; David, M.A.;
 Schmidt, L.M.; Capek, J.T.; Levy, D.;
 Leonard, D.J.; Taghizadeh, M.
 (74) Freehills Patent & Trade Mark Attorneys

(71) Pfizer Products Inc.
 (11) AU-B-44462/02 (10) **784806**
 (21) 44462/02 (22) 30.05.02
 (54) METHOD OF TREATING HAIR LOSS
 USING THYROMIMETIC COMPOUNDS
 (51) Int. Cl.
A61K 8/42 (2006.01)
A61K 8/49 (2006.01)
A61K 31/53 (2006.01)
A61Q 7/00 (2006.01)
A61K 31/404 (2006.01)
 (31) 60/294962 (32) 31.05.01 (33) US
 (43) 05.12.02
 (44) 29.06.06
 (72) Chiang, Y.P.; Cornelius, P.; Doherty, N.S.;
 Dow, R.L.
 (74) Shelston IP

(71) Proalgen Biotech Ltd.
 (11) AU-B-54405/01 (10) **784817**
 (21) 54405/01 (22) 09.11.00
 (54) A NOVEL MEDIUM FOR THE
 PRODUCTION OF BETACAROTENE AND
 OTHER CAROTENOIDS FROM
 DUNALIELLA SALINA (ARL 5) AND A
 STRAIN OF DUNALIELLA SALINA FOR THE
 PRODUCTION OF CAROTENES USING
 THE NOVEL MEDIA
 (51) Int. Cl.
C12N 1/12 (2006.01)
A01G 33/00 (2006.01)
 (87) WO01/34092
 (31) 1088/MAS/99 (32) 11.11.99 (33) IN
 (43) 06.06.01
 (44) 29.06.06
 (72) Nidamangala, S.V.; Rajagopal, B.;
 Parthasarathy, S.
 (74) WRAY & ASSOCIATES

(71) Roslin Institute (Edinburgh)
 (11) AU-B-31994/01 (10) **784810**
 (21) 31994/01 (22) 05.02.01
 (54) METHOD FOR DETERMINING A
 PREDISPOSITION OF PIGS TO BOAR
 TAIN T
 (51) Int. Cl.
C12Q 1/68 (2006.01)
 (87) WO01/57250
 (31) 0002451 (32) 04.02.00 (33) GB
 (43) 14.08.01
 (44) 29.06.06
 (72) Haley, C.S.; Archibald, A.L.
 (74) WRAY & ASSOCIATES

(71) Sanofi-Aventis Deutschland GmbH
 (11) AU-B-33787/01 (10) **784827**
 (21) 33787/01 (22) 20.02.01
 (54) SUBSTITUTED
 3-PHENYL-5-ALKOXI-1,3,4-OXDIAZOL-2-O-
 NE AND USE THEREOF FOR INHIBITING
 HORMONE-SENSITIVE LIPASE
 (51) Int. Cl.
C07D 271/113 (2006.01)
C07D 413/10 (2006.01)
C07D 413/12 (2006.01)
 (87) WO01/66531
 (31) 19910968 (32) 07.03.00 (33) DE
 10102265 18.01.01 DE
 (43) 17.09.01
 (44) 29.06.06
 (72) Schoenafinger, K.; Petry, S.; Mueller, G.;
 Baringhaus, K.
 (74) WATERMARK PATENT & TRADEMARK
 ATTORNEYS

(71) Shimano Inc.
 (11) AU-B-91354/01 (10) **784809**
 (21) 91354/01 (22) 15.11.01
 (54) DUAL-BEARING REEL
 (51) Int. Cl.
A01K 89/015 (2006.01)
 (31) 2000-350892 (32) 17.11.00 (33) JP
 (43) 23.05.02
 (44) 29.06.06
 (72) Ikuta, T.
 (74) Griffith Hack

(71) Sony Corp.
 (11) AU-B-80183/01 (10) **784822**
 (21) 80183/01 (22) 27.08.01
 (54) DIGITAL BROADCAST SYSTEM
 (51) Int. Cl.
H04H 1/00 (2006.01)

H04N 5/44 (2006.01)
 (87) WO02/17524
 (31) 2000-254866 (32) 25.08.00 (33) JP
 (43) 04.03.02
 (44) 29.06.06
 (72) Negishi, S.; Ikeda, T.
 (74) SPRUSON & FERGUSON

(71) Symbol Technologies, Inc.
 (11) AU-B-72161/01 (10) **784829**
 (21) 72161/01 (22) 17.09.01
 (54) APPARATUS AND METHOD FOR
 WIRELESS COMMUNICATION
 (51) Int. Cl.
G10L 15/00 (2006.01)
G06F 3/16 (2006.01)
G06K 1/14 (2006.01)
G06K 9/00 (2006.01)
H04L 12/28 (2006.01)
H04M 11/00 (2006.01)
H04Q 7/38 (2006.01)
 (31) 09/715926 (32) 17.11.00 (33) US
 (43) 23.05.02
 (44) 29.06.06
 (72) Beach, R.
 (74) SPRUSON & FERGUSON

(71) Universidad De Sevilla
 (11) AU-B-59346/02 (10) **784815**
 (21) 59346/02 (22) 24.04.02
 (54) DEVICE AND METHOD FOR CREATING
 AEROSOLS FOR DRUG DELIVERY
 (51) Int. Cl.
A61F 5/41 (2006.01)
 (43) 20.03.03
 (44) 29.06.06
 (62) 15730/99
 (72) Ganan Calvo, A.
 (74) F B Rice & Co

(71) WMS Gaming Inc.
 (11) AU-B-91435/01 (10) **784811**
 (21) 91435/01 (22) 20.11.01
 (54) CENTRALIZED GAMING SYSTEM WITH
 MODIFIABLE REMOTE DISPLAY
 TERMINALS
 (51) Int. Cl.
A63F 13/12 (2006.01)
G07F 17/32 (2006.01)
 (31) 09/778351 (32) 07.02.01 (33) US
 (43) 08.08.02
 (44) 29.06.06
 (72) Giobbi, J.J.
 (74) SPRUSON & FERGUSON

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784809	Shimano Inc.	784819	O.Y.L. Research & Development Centre Sdn. Bhd.
784810	Roslin Institute (Edinburgh)	784820	Aveso, Inc.
784811	WMS Gaming Inc.	784821	Digene Corp.
784812	Cubist Pharmaceuticals, Inc.	784822	Sony Corp.
784813	Bayer Aktiengesellschaft Nihon Bayer Agrochem K.K.	784823	Cochlear Ltd.
784814	PACCAR Inc BFS Diversified Products, LLC	784824	Ethicon, Inc.
784815	Universidad De Sevilla	784825	Maco Pharma

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784826 Haynes International Inc.
 784827 Sanofi-Aventis Deutschland GmbH
 784828 Ecosphere Technologies

784829 Symbol Technologies, Inc.
 784830 IVAX Research, Inc.
 784831 Auto Flow Gate Pty Ltd

IPC Index

<u>A01G 33/-</u>	<u>A61N 1/-</u>	<u>C07D 257/-</u>	<u>C12N 1/-</u>	<u>F24F 13/-</u>	<u>G06Q 30/-</u>
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784815	784818	784827	784826	784820	784829
<u>A61F 11/-</u>	<u>B60G 11/-</u>	<u>C07K 1/-</u>	<u>E02B 7/-</u>	<u>G05D 9/-</u>	<u>H04L 29/-</u>
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784806	784813	784808	784831	784829	784829
<u>A61K 38/-</u>	<u>C07D 213/-</u>	<u>C10G 11/-</u>	<u>F16F 9/-</u>	<u>G06K 9/-</u>	<u>H04N 5/-</u>
784812	784813	784818	784814	784829	784822
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784825	784813	784824	784819	784816	784829

Opposition Proceedings

(The name in the parentheses is that of the opponent)

Opposition under Section 104(4) - Withdrawn

682308 Regents of the University of California, The (Dendritic Nano Technologies Inc)

Letters Patent Sealed

Standard Patents

783325	784251	784253	784254	784256	784257
784258	784259	784260	784261	784263	784264
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784280	784281	784282	784283	784284	784285
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784293	784294	784295	784296	784298	784299

Offer To Surrender Petty Patent

It is hereby notified that **Graffinity Pharmaceutical Design GmbH, Im Neuenheimer Feld 515, D-69120 Heidelberg, Germany**, the Patentee of Petty Patent 740556 dated 8 November 2001 for an invention titled 'SPR sensor system' offers to surrender the said Petty Patent Any person desiring to be heard before the said offer of surrender is accepted must lodge a request to be heard within one month from the date of this journal

Assignments Registered

616055 BIC Corporation The patent has been assigned to **BIC Corporation**

646778 BIC Corporation The patent has been assigned to **BIC Corporation**

665014 BIC Corporation The patent has been assigned to **BIC Corporation**

671203 Health Protection Agency; Ipsen Limited The patent has been assigned to **The Health Protection Agency; Ipsen Limited**

675992 BIC Corporation The patent has been assigned to **BIC Corporation**

675993 BIC Corporation The patent has been assigned to **BIC Corporation**

675994 BIC Corporation The patent has been assigned to **BIC Corporation**

691790 BIC Corporation The patent has been assigned to **BIC Corporation**

696319 BIC Corporation The patent has been assigned to **BIC Corporation**

696422 BIC Corporation The patent has been assigned to **BIC Corporation**

705924 Health Protection Agency; Ipsen Limited The patent has been assigned to **The Health Protection Agency; Ipsen Limited**

714091 BIC Corporation The patent has been assigned to **BIC Corporation**

715123 BIC Corporation The patent has been assigned to **BIC Corporation**

720203 BIC Corporation The patent has been assigned to **BIC Corporation**

725977 BIC Corporation The patent has been assigned to **BIC Corporation**

727234 BIC Corporation The patent has been assigned to **BIC Corporation**

728624 BIC Corporation The patent has been assigned to **BIC Corporation**

730662 BIC Corporation The patent has been assigned to **BIC Corporation**

732235 BIC Corporation The patent has been assigned to **BIC Corporation**

Assignments Registered - cont'd

736954 BIC Corporation The patent has been assigned to **BIC Corporation**

739235 BIC Corporation The patent has been assigned to **BIC Corporation**

741407 BIC Corporation The patent has been assigned to **BIC Corporation**

748530 Bic Corporation The patent has been assigned to **BIC Corporation**

750487 BIC Corporation The patent has been assigned to **BIC Corporation**

750545 Alcan International Limited The patent has been assigned to **Novelis Inc.**

754146 BIC Corporation The patent has been assigned to **BIC Corporation**

754284 BIC Corporation The patent has been assigned to **BIC Corporation**

754700 Bic Corporation The patent has been assigned to **BIC Corporation**

756146 BIC Corporation The patent has been assigned to **BIC Corporation**

757801 BIC Corporation The patent has been assigned to **BIC Corporation**

761383 BIC Corporation The patent has been assigned to **BIC Corporation**

762305 BIC Corporation The patent has been assigned to **BIC Corporation**

763334 BIC Corporation The patent has been assigned to **BIC Corporation**

765746 BIC Corporation The patent has been assigned to **BIC Corporation**

768092 BIC Corporation The patent has been assigned to **BIC Corporation**

775988 Novartis AG; The Scripps Research Institute The patent has been assigned to **The Scripps Research Institute**

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.

747163 **Gilead Sciences, Inc.**

HEPSERA adefovir dipivoxil

Address for Service: PHILLIPS ORMONDE & FITZPATRICK 367
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Date extended term due to expire on 16/09/2018