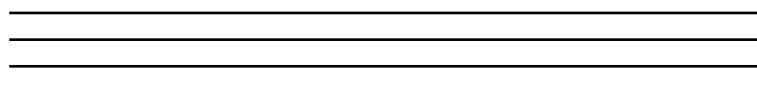


AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS



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General Information

EDITORIAL ENQUIRIES

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

(Telephone 02 6283 2999)

(Fax 02 6283 7999)

(E-mail assist ipaustralia.gov.au)

Copy for advertisement in the Journal should be received at the Patent Office not later than seven days before the desired publication date. If a publication date is not nominated, the advertisement will appear in the next available issue.

CONTACT INFORMATION

Customer Support Centre

Ph: 02 6283 2999 Fax: 02 6283 7999

E-mail: assist ipaustralia.gov.au

Customers can contact the Customer Support Centre by telephone or by e-mail. Telephones are staffed between 9AM and 5PM EST each working day.

Customers should contact the CUSTOMER SUPPORT CENTRE 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 6285 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 the 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 the 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 Support Centre.

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 the 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

NOTICE TO ADVERTISERS

The attention of all advertisers and advertising agents is drawn to the provisions of division 1 of Part V of the Trade Practices Act which prohibits various misleading or deceptive conduct and Section 53 provides that a corporation, and in some instances a person, shall not -

- Falsely represent that goods are of a particular standard, quality, grade, composition, style or model or have a particular standard, quality or grade;
- Falsely represent that goods are new;
- Represent that the corporation has a sponsorship, approval or affiliation it does not have;
- Make a false or misleading statement concerning the need any goods or services; or
- Make a false or misleading statement concerning the existence, exclusion or effect of any condition, warranty, guarantee, right or remedy.

A breach of provision of Part V of the Act may involve a penalty of up to \$50,000 plus damages and an injunction. Attention is also drawn to State laws that govern advertisements.

Therefore it is an express provision of IP Australia accepting any advertisement that it complies with all State and Commonwealth Laws.

REQUIREMENTS FOR ADVERTISEMENTS

Advertisements for publication in the Official Journals can be filed either as hard copy or electronically. Our preference is that they be filed electronically, but please note that they can only be accepted if they are in PDF format or sent as Word documents. All advertisements, whether filed as hard copy or electronically, must be completed either within an A4 page with a 4 cm top and 2 cm side and bottom margin, or within half a page with 2 cm margins all round. If copy does not meet these size requirements and it is necessary to photo reduce it, the quality of the advertisement cannot be guaranteed. All copy must be received by 1:00pm on Wednesday one week prior to the date of publication. Electronic copy must be sent by e-mail to publications ipaustralia.gov.au The charge for a full page advertisement is \$AU 100 and for a half page is \$AU 50.

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 AND THE REGISTRARS OF TRADE MARKS AND DESIGNS

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

Patent and Design Matters 2004

Melbourne	10-12 May
Sydney	12-14 July
Adelaide	03-04 August
Perth	05-06 August
Brisbane	02-03 September

Note: Ex parte matters will have priority over other matters for allocation of a hearing date in these sessions.

Trade Mark Matters 2004

Melbourne	16-20 February 07-11 June 13-17 September
Sydney	15-19 March 19-23 July 18-22 October
Adelaide	16-17 August
Perth	19-20 August
Brisbane	23-24 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 65 1010
Fax (02) 6282 5810

New South Wales.
Level 1
45 Clarence Street
SYDNEY NSW 2000
Ph. 1300 65 1010
Fax (02) 9262 6309

Victoria.
Level 6
565 Bourke Street
MELBOURNE VIC 3000
Ph. 1300 65 1010
Fax (03) 9614 4799

Western Australia.
2nd Floor
Eastpoint Plaza
233 Adelaide Terrace
PERTH WA 6000
Ph. 1300 65 1010
Fax (08) 9221 1958

Queensland.
Level 1
Reserve Bank Building
102 Adelaide Street
BRISBANE QLD 4000
Ph. 1300 65 1010
Fax (07) 3229 4036

South Australia.
Level 10
AMP Building
1 King William Street
ADELAIDE SA 5000
Ph. 1300 65 1010
Fax (08) 8231 8913

Tasmania.
Ground Floor
AMP Building
27 Elizabeth Street
HOBART TAS 7000
Ph. 1300 65 1010
Fax (03) 6234 7332

GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (AOJP) reports 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 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 {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; eg AU-A-12345/93.

A document corresponding to an accepted application carries the prefix AU-B; eg 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 "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 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</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 <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</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 <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 patent	(45)
		Inventors <u>names</u>	(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 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 IP Australia'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.

Comments on Guide

Comments on the usefulness of this guide and suggestions for improvement are welcome. Please contact Rob Melvin (Ph: (02) 6283 2274; Fax: (02) 6285 3593).

'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 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

- (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 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 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 included on microfiche of complete specifications available for viewing and sale at the IP Australia State Offices.

Official Notices**HOLIDAY NOTICE 2005**

The offices of IP Australia will be closed on the following dates in 2005:

ALL offices	Mon 3 January	New Years Day
ALL offices	Wed 26 January	Australia Day
Hobart	Mon 14 February	Royal Regatta Day
Perth	Mon 7 March	Labour Day
Melbourne	Mon 14 March	Labour Day
Hobart	Mon 14 March	Eight Hour Day
Canberra	Mon 21 March	Canberra Day
ALL offices	Fri 25 March	Good Friday
ALL offices	Mon 28 March	Easter Monday
Hobart	Tues 29 March	Easter Tuesday
ALL offices	Mon 25 April	Anzac Day
Brisbane	Mon 2 May	Labour Day
Adelaide	Mon 16 May	Adelaide Cup Day
Perth	Mon 6 June	Foundation Day
ALL offices (except Perth)	Mon 13 June	Queens Birthday
Brisbane	Wed 17 August	Show Day
Perth	Mon 26 September	Queens Birthday
Canberra	Mon 3 October	Labour Day
Adelaide	Mon 3 October	Labour Day
Sydney	Mon 3 October	Labour Day
Hobart	Thur 20 October	Hobart Show Day
Melbourne	Tues 1 November	Melbourne Cup Day
ALL offices	Mon 26 December 05	Christmas Day substitute
ALL offices	Tues 27 December 05	Boxing Day substitute (Proclamation Day in SA)
ALL offices	Wed 28 December 05	Additional Day
ALL offices	Thur 29 December 05	Christmas Close down
ALL offices	Fri 30 December 05	Christmas Close down

Official Notices

Details of applications filed under the provisions of Section 173 of the Patents Act, wherein the provisions of this Section have subsequently been revoked.

Complete Specification – 2002300745

Filing publication appears in this journal under ‘Complete Applications Filed’.

Public Notices**PATENT ATTORNEY – CHEMICAL****Melbourne**

Allens Arthur Robinson is a leading Australian law firm with a strong presence in the Asia Pacific region. With a culture of integrity and professionalism, we pride ourselves on providing clients with superior service. As part of AAR's award-winning IP practice, Allens Arthur Robinson Patent & Trade Marks Attorneys continues to enjoy success and growth across the region. Innovation, clear thinking, teamwork and professionalism sees our IP team consistently rated as national and international leaders in its field. Supported by a skilled team of paralegal and support staff, our patent and trade marks attorneys work closely with our colleagues in the law firm. Opportunities presently exist for Patent Attorneys or experienced Technical Assistants to join our growing practice in Melbourne.

Working with recognised leaders in the IP field, you will be part of a specialist group delivering a broad range of services to major national and international clients. You will provide the full scope of patent-related services to local innovator companies and international clients, and also assist AAR's IP practice in the delivery of a broad range of legal and commercial services.

Ideally you will possess post-graduate qualifications and research or industry experience in your chosen field. Specialisation in the field of chemistry, pharmaceuticals or materials science will be highly regarded. You will have gained your knowledge from a reputable law or patent attorney firm and must be able to demonstrate similar experience in your present position. You will be commercially focused, have excellent communication skills, and readily able to fit in with a practice that places particular emphasis on teamwork.

For more information, please call Melanie Turner, Recruitment Consultant on 03 9613 8105.

To apply for this position, please send your resume and a copy of your academic results with a covering letter to Melanie Turner, Recruitment Consultant at www.aar.com.au/careers

Allens Arthur Robinson 

Patent & Trade Marks Attorneys

Public Notices

Senior Technical Assistant—
Recently Qualified Patent Attorney
Brisbane Location



Due to sustained growth we are presently seeking to recruit a technical assistant or recently qualified patent attorney to work in our Brisbane office. The right person for this position will possess:

- Advanced English writing and comprehension skills
- A degree of business acumen and entrepreneurial flair—or an interest in developing such traits
- An electrical or mechanical engineering degree or a science degree with major physics and/or computer science components.
- A minimum of two years experience in a patent attorney firm, the Patent Office or a corporate IP environment.

A competitive remuneration package will be offered. To apply, please email your resume to Michael Buck at mbuck@enb.com.au or Barry Eagar at beagar@enb.com.au. Confidential enquiries can be made by phoning Barry or Michael on (07) 3216 0791.

ALL APPLICATIONS WILL BE TREATED IN STRICTEST CONFIDENCE

www.enb.com.au

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(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

	649614 (14)	653290 (14)	654130 (14)
	655461 (14)	655811 (14)	659943 (14)
	660182 (14)	660591 (14)	660698 (14)
	661143 (14)	666812 (14)	668812 (14)
	669432 (14)	669787 (14)	670580 (14)
	673357 (14)	674955 (14)	675114 (14)
	676055 (14)	677671 (14)	677987 (14)
	678904 (14)	683539 (14)	686943 (14)
	687036 (14)	687170 (14)	687736 (14)
	687813 (14)	690986 (14)	691291 (14)
	691883 (14)	693520 (14)	693861 (14)
	694014 (14)	695718 (14)	696844 (14)
	699614 (14)	699857 (14)	700201 (14)
	700322 (14)	701314 (14)	701445 (14)
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	714382 (14)	715264 (14)	716068 (14)
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616355 (14)	616883 (14)	622110 (14)	739146 (14)
625189 (14)	625811 (14)	627580 (14)	739708 (14)
630581 (14)	631877 (14)	632287 (14)	739694 (14)
632806 (14)	633208 (14)	635021 (14)	741078 (14)
635636 (14)	640003 (14)	642010 (14)	741409 (14)
642246 (14)	642368 (14)	642734 (14)	742800 (14)
643383 (14)	644054 (14)	644057 (14)	743291 (14)
645245 (14)	645313 (14)	647615 (14)	743879 (14)
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			744890 (14)
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			747918 (14)
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			750306 (14)
			750893 (14)
			751433 (14)
			752121 (14)

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

752644 (14)	753002 (14)	753594 (14)
753699 (14)	753854 (14)	754222 (14)
754248 (14)	754332 (14)	754688 (14)
755007 (14)	755128 (14)	755668 (14)
755722 (14)	755806 (14)	755811 (14)
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765022 (14)	769204 (4D)	

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24023 (4C)	36220 (4C)	37202 (4C)
47416 (5C)		

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15381 (5C)	15405 (5C)	15436 (5C)
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23669 (5C)	23811 (5C)	25899 (5C)
27735 (5C)	28519 (5C)	29304 (5C)
29337 (5C)	30120 (5C)	30649 (5C)
31924 (5C)	34649 (5C)	37909 (5C)
39402 (5C)	39433 (5C)	40024 (5C)
52847 (5C)	55128 (5C)	55142 (5C)
55332 (5C)	62529 (5C)	77748 (5C)
79178 (5C)	79340 (5C)	79343 (5C)

2001

97238 (5C)

2002

13552 (4C)	26114 (5C)	37095 (5C)
44360 (4C)		

Change of Name(s) of Applicant(s), Section 104

2000

34812 Inologic, Inc.; Regents of The University of California The name of the applicant(s) has been changed to **Inologic, Inc.; Regents of The University of California**

2001

22612 Mobil Oil Corporation The name of the applicant(s) has been changed to **ExxonMobil Oil Corporation**

Assignments before Grant, Section 113

775298 Tyco Group S.a.r.l. The application has been assigned to **St Jude Medical Puerto Rico B.V.**

775903 Immune Balance Technologies Limited Company The application has been assigned to **MP-1 Inc.**

776834 Gestilab Inc. The application has been assigned to **Warner-Lambert Company LLC**

776927 Ono Pharmaceutical Co. Ltd.; Tokyo Kasei Kogyo Co., Ltd. The application has been assigned to **Ono Pharmaceutical Co. Ltd.**

776964 Gestilab Inc. The application has been assigned to **Warner-Lambert Company LLC**

778170 Brandbrew SA The application has been assigned to **Coors Worldwide Inc.**

Assignments before Grant, Section 113 - cont'd

2000

29768 Daniel J. Feldman The application has been assigned to **Graylin Corporation**

45308 Gestilab Inc. The application has been assigned to **Warner-Lambert Company LLC**

2001

10744 Hybrigen, Inc. The application has been assigned to **Genetic Technologies, L.P.**

12046 The Trustees of the University of Pennsylvania The application has been assigned to **Oxygen Enterprises, Ltd.**

13746 Angiotech Pharmaceuticals, Inc. The application has been assigned to **Angiotech International AG**

16470 Reckitt Benckiser (UK) Limited; Aquasol Limited The application has been assigned to **Reckitt Benckiser (UK) Limited**

23370 CTC Canada Inc.; Arnold Kastner The application has been assigned to **EFKA Canada Limited**

44311 Microbiological Research Authority The application has been assigned to **The Health Protection Agency**

2002

42385 Reckitt Benckiser (UK) Limited; Aquasol Limited The application has been assigned to **Aquasol Limited**

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.

1995

40334 **Natureland Foods Ltd** An application to extend the time from 12 Dec 2003 to 12 Nov 2004 in which to pay a continuation fee has been lodged . Address for service in Australia - James Laird Paladin Lodge, 256 Rossmore Rd LOGAN RESERVE QLD 4133

700376 **Georgetown University** An application to extend the time from 6 Jun 2003 to 6 Aug 2004 in which to pay a renewal fee has been lodged . Address for service in Australia - Griffith Hack GPO Box 1285K MELBOURNE VIC 3001

764078 **Famco Lighting Pty Ltd.** An application to extend the time from 7 Apr 2004 to 26 Oct 2004 in which to pay a continuation fee has been lodged . Address for service in Australia - John Christiansen PO Box 1219 BROADBEACH QLD 4218

Applications Allowed - Section 223(2)

699799 **Albany Molecular Research, Inc.** The time in which to pay a renewal fee has been extended to 21 Jun 2004 . Address for service in Australia - PHILLIPS ORMONDE & FITZPATRICK 367 Collins Street MELBOURNE VIC 3000

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.

729063 Self-regulated apoptosis of inflammatory cells by gene therapy **Boehringer Ingelheim Pharmaceuticals, Inc.** The nature of the proposed amendment is as shown in the statement(s) filed 28 May 2004. . Address for service in Australia - Davies Collison Cave Level 15 1 Nicholson Street MELBOURNE VIC 3000

737087 Method for determining polynucleotide sequence variations **BioVentures, Inc. and Vanderbilt University** The nature of the proposed amendment is as shown in the statement(s) filed 14 Oct 2004. . Address for service in Australia - PIZZEYS GPO Box 1374 BRISBANE QLD 4001

753961 Operation of gaming machines **I.G.T. (Australia) Pty. Ltd.** The nature of the proposed amendment is as shown in the statement(s) filed 22 Jul 2004 and 29 Sep 2004. . Address for service in Australia - WALSH & ASSOCIATES Locked Bag 2011 Glebe Post Office GLEBE NSW 2037

764528 Method and apparatus for producing methanol making use of biomass material **Mitsubishi Heavy Industries, Ltd.** The nature of the proposed amendment is as shown in the statement(s) filed 12 Oct 2004. . Address for service in Australia - Davies Collison Cave Level 15 1 Nicholson Street MELBOURNE VIC 3000

764820 Antihistaminic spiro compounds **Janssen Pharmaceutica N.V.** The nature of the proposed amendment is as shown in the statement(s) filed 20 Oct 2004 and 22 Oct 2004. . Address for service in Australia - Shelston IP Level 21 60 Margaret Street SYDNEY NSW 2000

775742 Denture adhesive **Healthtech Corp.** The nature of the proposed amendment is as shown in the statement(s) filed 9 Nov 2004. . Address for service in Australia - Davies Collison Cave GPO Box 3876 SYDNEY NSW 2001

776171 Alpha-amino-beta-sulfonyl hydroxamic acid compounds **G. D. Searle & Co.** The nature of the proposed amendment is as shown in the statement(s) filed 29 Oct 2004. . Address for service in Australia - E F Wellington & Co 312 St Kilda Road MELBOURNE VIC 3006

776723 Mono- and disubstituted 3-propyl gamma-aminobutyric acids **Warner-Lambert Co.** The nature of the proposed amendment is as shown in the statement(s) filed 10 Nov 2004. . Address for service in Australia - Shelston IP Level 21 60 Margaret Street SYDNEY NSW 2000

777129 Inflatable packer with feed-thru conduits **Baker Hughes Inc.** The nature of the proposed amendment is as shown in the statement(s) filed 9 Nov 2004. . Address for service in Australia - Freehills Patent & Trade Mark Attorneys Level 43 101 Collins Street MELBOURNE VIC 3000

777492 Reversal of viral-induced systemic shock and respiratory distress by blockade of the lymphotoxin beta pathway **Biogen, Inc. and Emory University** The nature of the proposed amendment is as shown in the statement(s) filed 4 Nov 2004. . Address for service in Australia - Cullen & Co GPO Box 1074 BRISBANE QLD 4001

777546 Methods of inhibiting atrophy or promoting hypertrophy **Regeneron Pharmaceuticals, Inc.** The nature of the proposed amendment is as shown in the statement(s) filed 8 Nov 2004. . Address for service in Australia - PHILLIPS ORMONDE & FITZPATRICK 367 Collins Street MELBOURNE VIC 3000

Applications For Amendment Withdrawn

754829 **G & J Koutsoukos Holdings Pty Ltd** the amendments dated 5 Nov 2003 have been withdrawn.

Amendments Made

569416 **Milliken & Co.** The nature of the amendment is as was notified in the Official Journal dated 28 Feb 2002

598806 **Hayes Plant Lease Ltd.** The nature of the amendment is as was notified in the Official Journal dated 13 May 2004

675681 **Faulkner Collins Pty Ltd and A.F.M. Engineering Pty Ltd** The nature of the amendment is as was notified in the Official Journal dated 29 Apr 2004

766455 **MedImmune, Inc.** The nature of the amendment is as was notified in the Official Journal dated 4 Mar 2004

766995 **Trimeris, Inc.** The nature of the amendment is as was notified in the Official Journal dated 8 Jul 2004

768828 **Baker Hughes Inc.** The nature of the amendment is as was notified in the Official Journal dated 17 Jun 2004

768920 **ICU Medical, Inc.** The nature of the amendment is as was notified in the Official Journal dated 15 Jul 2004

771438 **Pioneer Hi-Bred International, Inc.** The nature of the amendment is as was notified in the Official Journal dated 10 Jun 2004

771780 **United States of America, represented by The Secretary, Department of Health & Human Services, The and The Board of Trustees of the University of Illinois** The nature of the amendment is as was notified in the Official Journal dated 29 Jul 2004

772192 **Yamamura Glass Co., Ltd.** The nature of the amendment is as was notified in the Official Journal dated 3 Jun 2004

772570 **Parker-Hannifin Corp.** The nature of the amendment is as was notified in the Official Journal dated 17 Jun 2004

773055 **Genentech, Inc.** The nature of the amendment is as was notified in the Official Journal dated 17 Jun 2004

773522 **Steedman, G.R.** The nature of the amendment is as was notified in the Official Journal dated 17 Jun 2004

773554 **Baker Hughes Inc.** The nature of the amendment is as was notified in the Official Journal dated 17 Jun 2004

736873 **Jones, I.C.I. and Maguire, B.L.** The nature of the amendment is: Correct status of patent no. 704586 from Divisional to Additional

757080 **Canon Kabushiki Kaisha** The nature of the amendment is: Amend second inventor's name to read: Nobuyoshi Takehara

764091 **Sunol Molecular Corp. and Henry M Jackson Foundation for the Advancement of Military Medicine** The nature of the amendment is: Amend first inventor's name to read: Jeffrey R Stinson

774631 **Gerrits, M.J. and Gerrits, F.J.** The nature of the amendment is: Amend second inventor's name to read: Frank

Amendments Made -cont'd

Johann Gerrits

777676 **Nippon Paper Industries Co., Ltd.** The nature of the amendment is: Amend inventors' names to include: Masako Izumi

777805 **Saint-Gobain Calmar Inc.** The nature of the amendment is: Amend priority details to read: US 12/9/00 09/660476

Amendments, Section 105

Court Order by the Federal Court of Australia, New South Wales District Registry, N-1211 of 2002

Pursuant to the Court Orders dated 8 October 2004, Patent No. 741818 has been amended under Section 105 of the Patents Act 1990.

Copies are now available from IP Australia Sales. The amended specification will appear on CD and the Official website on 23 December 2004.

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.

<p>(71) A. Carlsson Research AB (11) AU-B-25705/01 (10) 778422 (21) 25705/01 (22) 22.12.00 (54) NEW MODULATORS OF DOPAMINE NEUROTRANSMISSION (51)⁷ C07D 211/18 A61P 025/00 A61K 031/451 A61K 031/496 C07D 295/073 C07D 295/096 C07D 295/155 (87) WO01/46145 (31) 9904724 (32) 22.12.99 (33) SE (43) 03.07.01 (44) 02.12.04 (72) Andersson, B.; Sonesson, C.; Waters, S.; Waters, N.; Tedroff, J. (74) Griffith Hack</p> <hr/> <p>(71) Aga AB (11) AU-B-17456/01 (10) 778347 (21) 17456/01 (22) 02.11.00 (54) USE OF NITRIC OXIDE FOR THE TREATMENT OF AIRWAY CONstriction (51)⁷ A61K 038/44 A61K 033/00 A61M 015/00 A61P 011/00 (87) WO01/32202 (31) 9903985 (32) 03.11.99 (33) SE (43) 14.05.01 (44) 02.12.04 (72) Hjoberg, J.; Hedenstierna, G.; Hogman, M. (74) WATERMARK PATENT & TRADEMARK ATTORNEYS</p> <hr/> <p>(71) Akademikliniken AB (11) AU-B-20185/00 (10) 778376 (21) 20185/00 (22) 10.12.99 (54) NEW MEDICAL USE OF GENE AND VECTOR ENCODING A MULTISUBSTRATE DEOXYRIBONUCLEOSIDASE (51)⁷ C12N 009/50 (87) WO00/36099 (31) 9804298 (32) 11.12.98 (33) SE (43) 03.07.00 (44) 02.12.04 (72) Karlsson, A.; Johansson, M. (74) WATERMARK PATENT & TRADEMARK ATTORNEYS</p> <hr/> <p>(71) Alcon Laboratories Inc. (11) AU-B-33951/00 (10) 778441 (21) 33951/00 (22) 06.03.00</p>	<p>(54) POLISHING METHOD FOR SOFT ACRYLIC ARTICLES (51)⁷ B24B 031/00 B24B 009/20 B24B 013/00 (87) WO01/66309 (43) 17.09.01 (44) 02.12.04 (72) Robinson, S.; Lewellen, K. (74) SPRUSON & FERGUSON</p> <hr/> <p>(71) Amersham Biosciences Niagara, Inc. (11) AU-B-50680/02 (10) 778358 (21) 50680/02 (22) 28.06.02 (54) PROCESS FOR EVALUATING CHEMICAL AND BIOLOGICAL ASSAYS (51)⁷ G01N 033/00 C12Q 001/68 (43) 08.08.02 (44) 02.12.04 (62) 34378/99 (72) Ramm, P.; Nadon, R. (74) Davies Collison Cave</p> <hr/> <p>(71) Amgen Inc. (11) AU-B-20835/01 (10) 778374 (21) 20835/01 (22) 11.12.00 (54) 1-(AMINOPHENYL)-2-PYRROLIDONES AS INTEGRIN INHIBITORS (51)⁷ C07D 401/12 A61P 019/00 A61P 035/00 C07D 401/14 C07D 407/14 C07D 409/12 C07D 417/14 C07D 207/277 A61K 031/4025 (87) WO01/44230 (31) 60/170824 (32) 14.12.99 (33) US NOT GIVEN 08.12.00 US (43) 25.06.01 (44) 02.12.04 (72) Dominguez, C.; Chen, G.; Xi, N.; Xu, S.; Han, N.; Liu, Q.; Huang, Q.; Siegmund, A.; Handley, M.; Liu, L.; Kiselyov, A.S. (74) Shelston IP</p> <hr/> <p>(71) Aruze Corp. (11) AU-B-72405/00 (10) 778413 (21) 72405/00 (22) 21.12.00 (54) GAMING MACHINE (51)⁷ A63F 005/04 G06F 019/00 (31) 11-365707 (32) 22.12.99 (33) JP 11-373997 28.12.99 JP 2000-02113-0 31.01.00 JP (43) 28.06.01</p>	<p>(44) 02.12.04 (72) Yoshida, H.; Ito, K. (74) Callinan Lawrie</p> <hr/> <p>(71) ATOFINA Chemicals, Inc. (11) AU-B-97184/01 (10) 778395 (21) 97184/01 (22) 11.12.01 (54) STABILIZED ORGANIC PEROXIDE COMPOSITIONS (51)⁷ C07C 409/34 C08F 004/36 (31) 60/265555 (32) 01.02.01 (33) US 09/981497 17.10.01 US (43) 08.08.02 (44) 02.12.04 (72) Stainbrook, B.L.; Mendolia, M.S.; Myers, T.N.; Callais, P.A.; Brennan, J.M. (74) PHILLIPS ORMONDE & FITZPATRICK</p> <hr/> <p>(71) Avaya Technology Corp. (11) AU-B-40888/00 (10) 778434 (Modified Examination) (21) 40888/00 (22) 16.06.00 (54) CAPACITIVE CROSSTALK COMPENSATION ARRANGEMENT FOR COMMUNICATION CONNECTORS (51)⁷ H04B 015/00 H01R 024/04 H04M 001/74 (31) 09/344831 (32) 25.06.99 (33) US (43) 04.01.01 (44) 02.12.04 (72) Arnett, J.R.; Goodrich, R.R.; Hashim, A.I. (74) SPRUSON & FERGUSON</p> <hr/> <p>(71) Aventis Behring GmbH (11) AU-B-51955/00 (10) 778446 (21) 51955/00 (22) 11.08.00 (54) USE OF ANTITHROMBIN III FOR THE PROPHYLAXIS AND THERAPY OF DISEASES (51)⁷ A61K 038/57 A61P 005/00 A61P 037/00 (31) 19937656 (32) 13.08.99 (33) DE (43) 15.02.01 (44) 02.12.04 (72) Roemisch, J.; Stauss, H.; Wiedermann, C. (74) WATERMARK PATENT & TRADEMARK ATTORNEYS</p> <hr/> <p>(71) Aventis CropScience GmbH (11) AU-B-31599/01 (10) 778419 (21) 31599/01 (22) 16.12.00 (54) TENSIDE/SOLVENT SYSTEMS</p>
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Applications Accepted - Name Index cont'd

(51)⁷ A01N 025/30
 (87) WO01/47356
 (31) 19963381 (32) 28.12.99 (33) DE
 (43) 09.07.01
 (44) 02.12.04
 (72) Wurtz, J.; Schnabel, G.; Frisch, G.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS

(71) Aventis Pharma Deutschland GmbH
 (11) AU-B-72877/00 (10) 778369
 (21) 72877/00 (22) 15.09.00

(54) C-PEPTIDE FOR THE IMPROVED PRODUCTION OF INSULIN AND INSULIN ANALOGUES
 (51)⁷ C07K 014/62 C12N 015/10 C12N 015/63
 C12N 015/70
 (87) WO01/25278
 (31) 19947456 (32) 02.10.99 (33) DE
 (43) 10.05.01
 (44) 02.12.04
 (72) Habermann, P.; Ertl, J.; Meiwes, J.; Seipke, G.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS

(71) Badameh, Z.
 (11) AU-B-13124/01 (10) 778381
 (21) 13124/01 (22) 07.11.00
 (54) OPERATING DEVICE FOR ELECTRONIC FUNCTIONAL EQUIPMENT
 (51)⁷ G06F 003/02 B41J 005/10 H04M 001/23
 (87) WO01/35203
 (31) 995520 (32) 11.11.99 (33) NO
 996001 06.12.99 NO
 004375 01.09.00 NO
 (43) 06.06.01
 (44) 02.12.04
 (72) Badameh, Z.
 (74) F B Rice & Co

(71) Baker Hughes Inc.
 (11) AU-B-22018/00 (10) 778363
 (21) 22018/00 (22) 17.12.99
 (54) CLOSED LOOP CHEMICAL INJECTION AND MONITORING SYSTEM FOR OILFIELD OPERATIONS
 (51)⁷ E21B 037/06 E21B 041/02 E21B 043/25
 (87) WO00/37770
 (31) 09/218067 (32) 21.12.98 (33) US
 60/153175 10.09.99 US
 (43) 12.07.00
 (44) 02.12.04
 (72) Kohl, K.T.
 (74) Freehills Patent & Trade Mark Attorneys

(71) Basell Technology Co. BV
 (11) AU-B-21678/01 (10) 778421
 (21) 21678/01 (22) 18.12.00
 (54) FLAME-PROOF POLYOLEFIN COMPOSITIONS
 (51)⁷ C08K 013/02 C08L 023/02
 (87) WO01/48075
 (31) 99204494 (32) 23.12.99 (33) EP
 (43) 09.07.01
 (44) 02.12.04
 (72) Braga, V.; Goberti, P.; Zucchelli, U.; Marchini, R.
 (74) Griffith Hack

(71) BASF Aktiengesellschaft
 (11) AU-B-40899/00 (10) 778388
 (21) 40899/00 (22) 16.06.00

(54) USE OF CYCLIC ENAMINES AS LIGHT PROTECTION AGENTS
 (51)⁷ A61K 007/42 A61K 031/498 A61K 031/538
 A61K 031/5415
 (31) 19928033 (32) 18.06.99 (33) DE
 (43) 21.12.00
 (44) 02.12.04
 (72) Habeck, Dr. T.; Prechtl, Dr. F.; Wunsch, Dr. T.; Westenfelder, H.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS

(71) Bernafon AG
 (11) AU-B-16669/01 (10) 778351
 (21) 16669/01 (22) 23.01.01
 (54) CIRCUIT AND METHOD FOR THE ADAPTIVE SUPPRESSION OF NOISE
 (51)⁷ H03H 021/00
 (31) 00204/00 (32) 02.02.00 (33) CH
 (43) 09.08.01
 (44) 02.12.04
 (72) Leber, R.
 (74) Griffith Hack

(71) Board of Trustees of the Leland Stanford Junior University, The
 (11) AU-B-65026/00 (10) 778386
 (21) 65026/00 (22) 28.07.00
 (54) NICOTINE RECEPTOR AGONISTS IN STEM CELL AND PROGENITOR CELL RECRUITMENT
 (51)⁷ A61K 031/44
 (87) WO01/08683
 (31) 60/146233 (32) 28.07.99 (33) US
 60/188300 10.03.00 US
 (43) 19.02.01
 (44) 02.12.04
 (72) Cooke, J.; Johnson, F.L.; Pathak, A.; Jang, J.; Tsao, P.; Heeschen, C.
 (74) F B Rice & Co

(71) Boehringer Ingelheim (Canada) Ltd.
 (11) AU-B-35480/00 (10) 778390
 (21) 35480/00 (22) 03.04.00
 (54) MACROCYCLIC PEPTIDES ACTIVE AGAINST THE HEPATITIS C VIRUS
 (51)⁷ C07K 005/08 A61K 038/05 A61K 038/06
 A61P 031/14 C07K 005/078
 (87) WO00/59929
 (31) 60/128011 (32) 06.04.99 (33) US
 (43) 23.10.00
 (44) 02.12.04
 (72) Tsantrizos, Y.S.; Cameron, D.R.; Faucher, A.; Chiro, E.; Goudreau, N.; Halmos, T.; Llinas-Brunet, M.
 (74) Davies Collison Cave

(71) Bristol-Myers Squibb Co.
 (11) AU-B-40864/00 (10) 778348
 (21) 40864/00 (22) 15.06.00
 (54) FASTENER FOR A MODULAR IMPLANT
 (51)⁷ A61B 017/84 A61F 002/38
 (31) 09/334402 (32) 16.06.99 (33) US
 (43) 21.12.00
 (44) 02.12.04
 (72) Renz, R.L.; Rozow III, S.
 (74) PHILLIPS ORMONDE & FITZPATRICK

(71) Cambridge Antibody Technology Ltd.
 (11) AU-B-35852/01 (10) 778392
 (21) 35852/01 (22) 02.03.01
 (54) HUMAN ANTIBODIES AGAINST EOTAXIN AND THEIR USE

(51)⁷ C12N 015/13 C07K 016/24 C12N 005/10
 C12N 015/62 G01N 033/68 A61K 039/395
 G01N 033/577
 (87) WO01/66754
 (31) 60/187246 (32) 03.03.00 (33) US
 (43) 17.09.01
 (44) 02.12.04
 (72) Vaughan, T.J.; Wilton, A.J.; Smith, S.
 (74) Fisher Adams Kelly

(71) Canon Kabushiki Kaisha
 (11) AU-B-72033/00 (10) 778344
 (21) 72033/00 (22) 05.12.00
 (54) SURFACE REFORMED FIBER BODY, LIQUID CONTAINER USING FIBER ABSORBER, AND METHOD OF PRODUCING FIBER ABSORBER FOR USE IN LIQUID EJECTION
 (51)⁷ D01F 011/06 D06M 015/643
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(71) Canon Kabushiki Kaisha
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 (54) LOCAL SOUND AND GRAPHIC FEEDBACK
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 (72) Long, T.M.; Greene, M.A.
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(71) Centre National De La Recherche Scientifique-CNRS
 (11) AU-B-32974/00 (10) 778373
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 (11) AU-B-66424/00 (10) 778360
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 (72) Miller, M.S.; Scammell, T.E.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS

(71) Chiang, H.
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 (51)⁷ A63B 033/00
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 (72) Chiang, H.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS
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- (71) Chiang, H.
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 (54) SWIMMING GOGGLES WITH A NOSE-FITTING BRIDGE
 (51)⁶ G02C 005/12 A63B 033/00 G02C 001/06 G02C 005/02
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 (72) Chiang, H.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS
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- (71) Churchill, A.P.
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 (54) DOWNHOLE BYPASS VALVE
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 (72) Churchill, A.P.
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 (11) AU-B-27327/00
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- (71) Computer Process Controls, Inc.
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 (54) METHOD AND APPARATUS FOR REFRIGERATION SYSTEM CONTROL HAVING ELECTRONIC EVAPORATOR PRESSURE REGULATORS
 (51)⁷ F25B 049/00
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- (71) Darwin Discovery Ltd.
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 (54) HYDROXAMIC ACID DERIVATIVES
 (51)⁷ C07D 307/52 A61P 019/00 C07D 213/38 C07D 239/42 C07D 333/20 C07D 401/12
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 A61K 031/496
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 (74) F B Rice & Co
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- (71) Den norske stats oljeselskap a.s.; Regents of the University of California, The
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 (21) 17442/01 (22) 12.12.00
 (54) A METHOD FOR MONITORING SEAFLOOR SUBSIDENCE AND FOR GRAVITY MONITORING AN UNDERGROUND HYDROCARBON RESERVOIR
 (51)⁷ G01V 009/00 G01C 013/00
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- (71) DNA Research Innovations Ltd.
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 (54) STITCHED PILE SURFACE STRUCTURE AND PROCESS AND SYSTEM FOR PRODUCING THE SAME
 (51)⁷ D04B 023/08 D04H 001/45 D04H 001/52
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 (72) Zafiroglu, D.P.; Pustolski, P.F.
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 (51)⁷ C07C 319/02 C07C 309/86
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 (72) Jacobson, S.E.
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- (71) Edwards Lifesciences Corp.; Endogad Research Pty Ltd.
 (11) AU-B-37889/01 (10) 778349
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 (54) PRE-SHAPED INTRALUMINAL GRAFT
 (51)⁷ A61F 002/06
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 (72) Dehdashtian, M.; Jiminez, T.; White, G.H.; Yu, W.
 (74) PETER MAXWELL & ASSOCIATES
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- (71) Epigenomics AG
 (11) AU-B-26632/01 (10) 778411
 (21) 26632/01 (22) 06.12.00
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 (51)⁷ C12Q 001/68
 (87) WO01/42493
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 (72) Olek, A.; Piepenbrock, C.
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- (71) Ethicon Endo-Surgery, Inc.
 (11) AU-B-11871/02 (10) 778338
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 (51)⁷ A61B 010/00
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 (72) Stephens, R.R.; Garrison, W.A.
 (74) Freehills Patent & Trade Mark Attorneys
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- (71) ExxonMobil Oil Corp.
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 (21) 22612/01 (22) 14.12.00
 (54) PROCESS FOR CO-PRODUCTION OF DIALKYL CARBONATE AND ALKANEDIOL
 (51)⁷ C07C 068/06 C07C 069/96
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 (21) 56317/01 (22) 23.04.01
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 (72) Bader, R.; Bastian, P.; Goepferich, A.; Roedel, W.; Winter, G.
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(71) Gale Pacific Ltd.
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 (21) 67104/01 (22) 06.09.01
 (54) ERECTABLE, COLLAPSIBLE SHELTER
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 (72) Morgante, D.; Blochinger, F.; Johnson, M.; Kusel, M.; Pritchard, N.M.R.
 (74) PHILLIPS ORMONDE & FITZPATRICK

(71) Glad Products Co., The
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 (54) END STOP FOR RECLOSABLE FASTENER AND METHOD OF INSTALLATION THEREON
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 (31) 09/619955 (32) 24.07.00 (33) US
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 (72) Savicki, A.F.
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(71) Graf, H.
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 (21) 21824/01 (22) 01.12.00
 (54) INTERVERTEBRAL STABILISING DEVICE
 (51)⁷ A61B 017/70
 (87) WO01/39678
 (31) 99 15160 (32) 01.12.99 (33) FR
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 (72) Graf, H.
 (74) Shelston IP

(71) Halliburton Energy Services, Inc.
 (11) AU-B-17925/01 (10) 778408
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 (21) 17925/01 (22) 21.11.00
 (54) APPARATUS FOR THE CONNECTION OF HYDRAULIC CONDUITS
 (51)⁷ E21B 033/047
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 (72) Purkis, D.G.; Reid, M.A.; Reid, S.
 (74) Callinan Lawrie

(71) Heiniger Ltd.
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 (54) SHEARING COMB
 (51)⁷ A01K 014/00 B26B 019/24
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 (72) Jones, P.D.
 (74) WRAY & ASSOCIATES

(71) Hueck Folien GmbH & Co. KG
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 (21) 68807/01 (22) 07.09.01
 (54) METHOD AND APPARATUS FOR THE PRODUCTION OF A CYLINDRICAL EMBOSSING SHEET
 (51)⁷ B44B 005/00 B23K 026/26 B23P 011/02
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 (72) Helm, F.
 (74) PHILLIPS ORMONDE & FITZPATRICK

(71) Hyundai Motor Co.
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 (54) A MANUAL VALVE OF A HYDRAULIC PRESSURE CONTROL SYSTEM FOR AN AUTOMATIC TRANSMISSION OF A VEHICLE
 (51)⁷ F16H 059/04
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 (72) Park, J.; Lee, C.; Cho, J.; Jang, J.
 (74) Davies Collison Cave

(71) Imaging & Sensing Technology Corp.
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 (54) GETTER FLASH SHIELD
 (51)⁶ H01J 061/10
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 (72) Davenport, E.P.
 (74) Freehills Patent & Trade Mark Attorneys

(71) Inologic, Inc.; Regents of The University of California
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 (54) INOSITOL DERIVATIVES FOR INHIBITING SUPEROXIDE ANION PRODUCTION
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 (72) Traynor-Kaplan, A.E.; Schultz, C.; Rudolf, M.T.
 (74) Freehills Patent & Trade Mark Attorneys

(71) Interface, Inc.
 (11) AU-B-28582/00 (10) 778329
 (21) 28582/00 (22) 25.01.00
 (54) MODULAR FLOOR COVERING EDGE TREATMENT
 (51)⁷ D06C 025/00 A47G 027/02 D06N 007/00
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(71) Janssen Pharmaceutica N.V.
 (11) AU-B-27124/00 (10) 778412
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 (54) VASCULAR ENDOTHELIAL GROWTH FACTOR-X
 (51)⁷ C12N 015/12 A61K 031/70 A61K 038/18
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 (74) Shelston IP

(71) Kawahara Packaging Corp.; NGK Spark Plug Co., Ltd.
 (11) AU-B-69974/01 (10) 778426
 (Modified Examination)
 (21) 69974/01 (22) 10.09.01
 (54) PACKAGING BOX FOR SPARK PLUGS
 (51)⁷ B65D 001/22 B65D 025/04 B65D 081/05
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 (44) 02.12.04
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(71) Kreatech Biotechnology B.V.
 (11) AU-B-16966/00 (10) 778429
 (21) 16966/00 (22) 03.12.99
 (54) APPLICATIONS WITH AND METHODS FOR PRODUCING SELECTED INTERSTRAND CROSS-LINKS IN NUCLEIC ACIDS
 (51)⁷ C12Q 001/68 C07F 015/00 C07H 021/00
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 (74) Freehills Patent & Trade Mark Attorneys

(71) Kyowa Yuka Co., Ltd.
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 (21) 76094/01 (22) 25.09.01
 (54) RESIN COMPOSITION
 (51)⁷ C08L 033/14 C08G 059/42 C09D 133/14
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 (21) 78746/00 (22) 06.10.00
 (54) PHYSIOLOGICAL SIGNAL MONITORING APPARATUS AND METHOD
 (51)⁷ A61B 005/04
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 (72) Montgomery, A.R.; Bold, J.W.; Carpiaux, D.; Chang, M.; Code, D.M.; Jacobs, E.C.; Micoley, S.H.; Milsap, J.P.; Montgomery, P.G.; Palmer, R.L.; Strelow, D.C.; Wierschke, J.A.
 (74) PHILLIPS ORMONDE & FITZPATRICK

(71) Laboratoire L. Lafon
 (11) AU-B-34374/00 (10) 778375
 (21) 34374/00 (22) 17.03.00
 (54) PHARMACEUTICAL COMPOSITION BASED ON POLYAROMATIC COMPOUNDS
 (51)⁷ C07D 471/16 A61P 035/00 C07D 471/04 A61K 031/4375
 (87) WO00/55160
 (31) 99 03390 (32) 18.03.99 (33) FR
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 (72) Deflourne, E.; Bontemps-Subielos, N.; Darro, F.; Bastide, J.; Kiss, R.; Frydman, A.
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(71) Laboratoires des Produits Ethiques Ethypharm
 (11) AU-B-38252/00 (10) 778364
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 (54) DRINKABLE PHARMACEUTICAL SOLUTION
 (51)⁷ A61K 009/00
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 (72) Lebon, C.; Guerin, E.; Suplie, P.
 (74) Freehills Patent & Trade Mark Attorneys

(71) Laerdal Medical AS
 (11) AU-B-32615/00 (10) 778336
 (21) 32615/00 (22) 08.05.00
 (54) METHOD AND SYSTEM OF DETERMINING WHETHER A LIFELESS PERSON HAS A PULSE
 (51)⁷ A61N 001/39 A61B 005/0295
 (31) 992613 (32) 31.05.99 (33) NO
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 (72) Myklebust, H.
 (74) Griffith Hack

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 (54) A TERMINATION DEVICE E.G. FOR A MULTICONNECTOR
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 (72) Bolouri-Saransar, M.
 (74) Freehills Patent & Trade Mark Attorneys

(71) LG Electronics Inc.
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 (54) DEVICE AND METHOD FOR CONTROLLING SUPPLY OF CURRENT AND STATIC CAPACITANCE TO COMPRESSOR
 (51)⁷ H02P 001/44 H02H 007/08 G05F 001/569
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(71) Ludwig Institute for Cancer Research
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 (54) MAGE-A1 PEPTIDES PRESENTED BY HLA CLASS II MOLECULES
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 (72) Van Snick, J.; Lethe, B.; Chaux, P.; Boon-Falleur, T.; Van Der Bruggen, P.
 (74) Davies Collison Cave

(71) Mars, Inc.
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 (54) TRAY-SHAPED PACKAGING
 (51)⁷ B65D 077/20
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 (74) Freehills Patent & Trade Mark Attorneys

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(71) Nika Health Products Ltd.
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(21) 48394/00 (22) 10.05.00
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(54) METHOD OF PRODUCING STRETCHABLE
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(21) 20405/01 (22) 31.10.00
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PROVIDING MOBILITY WITHIN A
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 METHOD
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(71) Senesco, Inc.
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 FOR CONTROLLING SENESCENCE IN
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(71) South East Water Ltd.
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(71) Stuart Energy Systems Corp.
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 Thorpe, S.J.; Dong, C.
 (74) Freehills Patent & Trade Mark Attorneys

(71) Sumitomo Pharmaceuticals Co., Ltd.
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 (21) 79639/00 (22) 31.10.00
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 FORMULATIONS FOR IMPLANTATION
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 (74) Griffith Hack

(71) Swagelok Co.
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 G.W.
 (74) Callinan Lawrie

(71) Syngenta Participations AG
 (11) AU-B-68364/00 (10) 778367
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 (54) PROCESS FOR THE PREPARATION OF
 THIAZOLE DERIVATIVES
 (51)⁷ C07D 277/32 C07D 277/34 C07D 277/40
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(71) Technolas GmbH Ophthalmologische
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 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS

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(71) Tetra Laval Holdings & Finance S.A.
 (11) AU-B-72270/00 (10) 778425
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 (54) METHOD FOR PREPARING A CHEESE HAVING A CLOSED RIND AND A VIRTUALLY BLIND STRUCTURE
 (51)⁷ A23C 019/06 A01J 025/00 A01J 025/12
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 (72) Zantinge, J.
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(71) Thomson Licensing S.A.
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 (21) 77355/01 (22) 02.10.01
 (54) SHEET PACKAGE
 (51)⁷ A47K 010/16 A47K 010/20
 (31) 2000-304626 (32) 04.10.00 (33) JP
 (43) 11.04.02
 (44) 02.12.04
 (72) Iida, Y.; Ishikawa, H.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS

(71) Uni-Charm Corp.
 (11) AU-B-54071/01 (10) 778346
 (21) 54071/01 (22) 27.06.01
 (54) ABSORBENT ARTICLE
 (51)⁷ A61F 013/514
 (31) 2000-193813 (32) 28.06.00 (33) JP
 2001-13578- 07.05.01 JP
 4
 (43) 03.01.02
 (44) 02.12.04
 (72) Shimizu, J.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS

(71) Uni-Charm Corp.
 (11) AU-B-72408/00 (10) 778383
 (21) 72408/00 (22) 21.12.00
 (54) FLEXIBLE SHEET USED FOR DISPOSABLE SANITARY ARTICLE
 (51)⁷ A61F 013/512 D06N 007/04
 (31) 11-371480 (32) 27.12.99 (33) JP
 (43) 28.06.01
 (44) 02.12.04
 (72) Hisanaka, T.; Yamaki, K.; Suzuki, M.; Takai, H.
 (74) PHILLIPS ORMONDE & FITZPATRICK

(71) Uni-Charm Corp.
 (11) AU-B-91394/01 (10) 778396
 (21) 91394/01 (22) 16.11.01
 (54) ABSORBENT PAD SUITED FOR USE WITH TAMPON
 (51)⁷ A61F 013/15 A61F 013/36
 (31) 2000-350682 (32) 17.11.00 (33) JP
 (43) 23.05.02
 (44) 02.12.04
 (72) Suga, A.; Wada, M.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS

(71) Uni-Charm Corp.
 (11) AU-B-25517/01 (10) 778398
 (21) 25517/01 (22) 12.01.01
 (54) METHOD FOR FORMING CUT LINES IN SHEET
 (51)⁷ B26F 001/20 B26D 007/20

(87) WO01/54872
 (31) 2000-17119 (32) 26.01.00 (33) JP
 (43) 07.08.01
 (44) 02.12.04
 (72) Tanaka, Y.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS

(71) Uni-Charm Corp.
 (11) AU-B-71886/00 (10) 778409
 (21) 71886/00 (22) 29.11.00
 (54) DISPOSABLE DIAPER
 (51)⁷ A61F 013/494
 (31) 11-339284 (32) 30.11.99 (33) JP
 (43) 31.05.01
 (44) 02.12.04
 (72) Minato, H.; Sayama, Y.; Suzuki, N.; Shiraishi, R.
 (74) PHILLIPS ORMONDE & FITZPATRICK

(71) Uni-Charm Corp.
 (11) AU-B-72550/00 (10) 778436
 (21) 72550/00 (22) 28.12.00
 (54) DISPOSABLE DIAPER
 (51)⁷ A61F 013/15 A61F 013/475
 (31) 2000-855 (32) 06.01.00 (33) JP
 (43) 12.07.01
 (44) 02.12.04
 (72) Shimoe, N.; Sasaki, T.; Kumasaka, Y.
 (74) PHILLIPS ORMONDE & FITZPATRICK

(71) University of Reading
 (11) AU-B-12898/01 (10) 778423
 (21) 12898/01 (22) 10.11.00
 (54) PLACENTAL HUMAN NEUROKININ B PRECURSOR
 (51)⁷ G01N 033/68
 (87) WO01/36979
 (31) 9927125 (32) 16.11.99 (33) GB
 (43) 30.05.01
 (44) 02.12.04
 (72) Page, N.; Lowry, P.

(71) University of Utah Research Foundation; Cognetix, Inc.
 (11) AU-B-27327/00 (10) 778353
 (21) 27327/00 (22) 21.01.00
 (54) ALPHA-CONOTOXIN PEPTIDES
 (51)⁷ C07K 014/435
 (87) WO00/43409
 (31) 60/116881 (32) 22.01.99 (33) US
 60/116882 22.01.99 US
 (43) 07.08.00
 (44) 02.12.04
 (72) Olivera, B.M.; Layer, R.T.; Watkins, M.; Hillyard, D.R.; McIntosh, J.M.; Jones, R.M.; Schoenfeld, R.
 (74) Shelston IP

(71) University of Virginia Patent Foundation
 (11) AU-B-48254/00 (10) 778448
 (21) 48254/00 (22) 08.05.00
 (54) METHOD AND SYSTEM FOR FUSING A SPINAL REGION
 (51)⁷ A61B 017/56 A61B 017/70
 (87) WO00/67650
 (31) 60/133032 (32) 07.05.99 (33) US
 60/133033 07.05.99 US
 (43) 21.11.00
 (44) 02.12.04
 (72) Helm, G.A.; Kallmes, D.F.; Hankins, G.R.; Jensen, M.E.
 (74) Allens Arthur Robinson

Applications Accepted - Name Index cont'd

(71) Vasu Tech Ltd.
 (11) AU-B-31660/99 (10) 778335
 (21) 31660/99 (22) 15.03.99
 (54) MULTIPOINT DIGITAL TEMPERATURE CONTROLLER
 (51)⁷ G05D 023/19
 (87) WO99/60456
 (31) 297/BOM/98 (32) 15.05.98 (33) IN
 298/BOM/98 15.05.98 IN
 (43) 06.12.99
 (44) 02.12.04
 (72) Bhatnagar, R.
 (74) Davies Collison Cave

(71) Victrex Manufacturing Ltd.
 (11) AU-B-70250/00 (10) 778365
 (21) 70250/00 (22) 08.09.00
 (54) COMPOSITE ION-EXCHANGE MEMBRANES
 (51)⁷ C08G 065/48 C08J 005/22 H01M 002/16
 H01M 006/18 H01M 008/10 H01M 010/40
 (87) WO01/19896
 (31) PCT/GB/02833(32) 10.09.99 (33) GB
 0006884 22.03.00 GB
 (43) 17.04.01
 (44) 02.12.04
 (72) Wilson, B.; Kemmish, D.J.; Charnock, P.;
 Bridges, R.F.
 (74) Davies Collison Cave

(71) VYGON
 (11) AU-B-72259/00 (10) 778397
 (21) 72259/00 (22) 14.12.00
 (54) AN AUTOMATICALLY-CLOSING CONNECTOR FOR CONNECTING A LIQUID INJECTION HEAD TO AN INJECTION OUTLET
 (51)⁷ A61M 039/00
 (31) 98 15898 (32) 16.12.99 (33) FR
 (43) 21.06.01
 (44) 02.12.04
 (72) Huet, J.
 (74) Freehills Patent & Trade Mark Attorneys

(71) Willames Hi-Tech International Pty Ltd.
 (11) AU-B-42616/00 (10) 778342
 (21) 42616/00 (22) 22.06.00
 (54) IMPROVEMENTS TO HANDLING AND PLANTING PLANTS
 (51)⁷ A01C 011/00 A01C 011/02
 (31) PQ1161 (32) 23.06.99 (33) AU
 (43) 04.01.01
 (44) 02.12.04
 (72) Willames, G.A.
 (74) WATERMARK PATENT & TRADEMARK ATTORNEYS

(71) Yale University
 (11) AU-B-42115/00 (10) 778438

(21) 42115/00 (22) 06.04.00
 (54) FIXED ADDRESS ANALYSIS OF SEQUENCE TAGS
 (51)⁷ C12Q 001/68
 (87) WO00/60124
 (31) 60/127932 (32) 06.04.99 (33) US
 (43) 23.10.00
 (44) 02.12.04
 (72) Lizardi, P.M.; Roth, M.E.; Feng, L.; Guerra, C.E.; Weber, S.C.; Kaufman, J.C.; Latimer, D.R.
 (74) Griffith Hack

(71) Yang, Z.
 (11) AU-B-34429/01 (10) 778366
 (21) 34429/01 (22) 07.02.01
 (54) A GROUP OF ANTI-CANCER COMPOUNDS WITH SPECIFIC STRUCTURE AND THEIR PRODUCTION METHOD
 (51)⁷ C07C 031/00 C07C 049/00 C07C 053/00
 C07C 211/00 C07C 233/00
 (87) WO01/59067
 (31) 60/180677 (32) 07.02.00 (33) US
 60/222148 01.08.00 US
 (43) 20.08.01
 (44) 02.12.04
 (72) Yang, Z.
 (74) PIZZEYS

Numerical Index

778327 Stuart Energy Systems Corp.
 778328 Glad Products Co., The
 778329 Interface, Inc.
 778330 Uni-Charm Corp.
 778331 Mars, Inc.
 778332 Meyerdieks, H.
 778333 Den norske stats oljeselskap a.s. Regents of the University of California, The
 778334 E.I. Du Pont De Nemours and Co.
 778335 Vasu Tech Ltd.
 778336 Laerdal Medical AS
 778337 Computer Process Controls, Inc.
 778338 Ethicon Endo-Surgery, Inc.
 778339 Chiang, H.
 778340 Telik, Inc.
 778341 Lexel A/S
 778342 Willames Hi-Tech International Pty Ltd.
 778343 Oridigm Corp.
 778344 Canon Kabushiki Kaisha
 778345 Truckner, R. Truckner, P.
 778346 Uni-Charm Corp.
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 778349 Edwards Lifesciences Corp. Endogad Research Pty Ltd.
 778350 Pro-Fit International Ltd.
 778351 Bernafon AG
 778352 SDGI Holdings, Inc.
 778353 University of Utah Research Foundation Cognetix, Inc.
 778354 Pro-Fit International Ltd.
 778355 Imaging & Sensing Technology Corp.
 778356 LG Electronics Inc.
 778357 Nexans
 778358 Amersham Biosciences Niagara, Inc.
 778359 Sumitomo Pharmaceuticals Co., Ltd.
 778360 Cephalon, Inc.
 778361 La Mont, LLC
 778362 Queen's University At Kingston
 778363 Baker Hughes Inc.
 778364 Laboratoires des Produits Ethiques Ethypharm
 778365 Victrex Manufacturing Ltd.
 778366 Yang, Z.
 778367 Syngenta Participations AG
 778368 Darwin Discovery Ltd.
 778369 Aventis Pharma Deutschland GmbH
 778370 Kyowa Yuka Co., Ltd.
 778371 Surfco Hawaii
 778372 Churchill, A.P.
 778373 Centre National De La Recherche Scientifique-CNRS
 778374 Amgen Inc.
 778375 Laboratoire L. Lafon
 778376 Akademikliniken AB
 778377 Rodenstock GmbH
 778378 North Carolina State University
 778379 Datacard Corp.
 778380 Pace Anti-Piracy, Inc.
 778381 Badarneh, Z.
 778382 Siemens Aktiengesellschaft
 778383 Uni-Charm Corp.
 778384 Norel Acquisition Corp.
 778385 ResMed Ltd.
 778386 Board of Trustees of the Leland Stanford Junior University, The
 778387 Swagelok Co.
 778388 BASF Aktiengesellschaft
 778389 Panacea Biotec Ltd.
 778390 Boehringer Ingelheim (Canada) Ltd.
 778391 Sovar, Societe en Commandite
 778392 Cambridge Antibody Technology Ltd.
 778393 Ortho-McNeil Pharmaceutical, Inc.
 778394 Trustees of Columbia University in the City of New York, The
 778395 ATOFINA Chemicals, Inc.

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778396	Uni-Charm Corp.	778423	University of Reading
778397	VYGON	778424	Hueck Folien GmbH & Co. KG
778398	Uni-Charm Corp.	778425	Tetra Laval Holdings & Finance S.A.
778399	Nika Health Products Ltd.	778426	Kawahara Packaging Corp. NGK Spark Plug Co., Ltd.
778400	Silverbrook Research Pty Ltd	778427	Gale Pacific Ltd.
778401	Telefonaktiebolaget L M Ericsson (publ)	778428	Canon Kabushiki Kaisha
778402	Ortho-McNeil Pharmaceutical, Inc.	778429	Kreatech Biotechnology B.V.
778403	Hyundai Motor Co.	778430	Nippon Synthetic Chemical Industry Co., Ltd., The
778404	Chiang, H.	778431	F. Hoffmann-La Roche AG
778405	Potencia Medical AG	778432	ExxonMobil Oil Corp.
778406	Potencia Medical AG	778433	Inologic, Inc. Regents of The University of California
778407	NTT DoCoMo, Inc.	778434	Avaya Technology Corp.
778408	Halliburton Energy Services, Inc.	778435	Qualcomm Inc.
778409	Uni-Charm Corp.	778436	Uni-Charm Corp.
778410	Graf, H.	778437	Senesco, Inc.
778411	Epigenomics AG	778438	Yale University
778412	Janssen Pharmaceutica N.V.	778439	E.C.S. - Engineering Carbide Systems
778413	Aruze Corp.	778440	DNA Research Innovations Ltd.
778414	Dai Nippon Printing Co. Ltd.	778441	Alcon Laboratories Inc.
778415	Rohm and Haas Co.	778442	South East Water Ltd.
778416	Thomson Licensing S.A.	778443	Heiniger Ltd.
778417	Merck & Co., Inc.	778444	Orange Personal Communications Services Ltd.
778418	SCA Hygiene Products AB	778445	NEC Corp.
778419	Aventis CropScience GmbH	778446	Aventis Behring GmbH
778420	Technolas GmbH Ophthalmologische Systeme	778447	E.I. Du Pont De Nemours and Co.
778421	Basell Technology Co. BV	778448	University of Virginia Patent Foundation
778422	A. Carlsson Research AB	778449	Ludwig Institute for Cancer Research

IPC Index

<u>A01C 011/-</u>	<u>A47G 027/-</u>	<u>A61F 009/-</u>	778431	<u>A61M 039/-</u>	<u>A61P 037/-</u>
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<u>A23C 019/-</u>	778448	778399	778359	<u>A61P 025/-</u>	<u>B23B 031/-</u>
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		778402			
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		778422			

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<u>B24B 009/-</u>	<u>B65D 077/-</u>	<u>C07D 207/-</u>	<u>C07D 417/-</u>	<u>C08F 004/-</u>	778411 778429 778438
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<u>B41J 002/-</u>	<u>C07C 053/-</u>	<u>C07D 307/-</u>	<u>C07H 021/-</u>	<u>C08L 033/-</u>	<u>E04F 011/-</u>
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<u>F16H 059/-</u>	<u>G01N 033/-</u>	<u>G05D 023/-</u>	<u>G11C 011/-</u>	<u>H01M 010/-</u>	<u>H04B 015/-</u>
778403	778358 778362	778335	778378	778365	778434
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<u>F25B 049/-</u>	778449	<u>G06F 001/-</u>	<u>H01J 009/-</u>	<u>H01R 024/-</u>	<u>H04M 001/-</u>
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<u>F28G 009/-</u>	778333	<u>G06F 003/-</u>	<u>H01J 061/-</u>	<u>H02H 007/-</u>	<u>H04Q 007/-</u>
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<u>F28G 013/-</u>	778404	<u>G06F 011/-</u>	<u>H01M 002/-</u>	<u>H02P 001/-</u>	
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<u>G01C 013/-</u>	778404	<u>G06F 017/-</u>	<u>H01M 006/-</u>	<u>H03H 021/-</u>	
778333	<u>G03H 001/-</u>	778394	778365	778351	
<u>G01N 001/-</u>	778414	<u>G06F 019/-</u>	<u>H01M 008/-</u>	<u>H04B 007/-</u>	
778440		778413	778365	778445	

Letters Patent Sealed - cont'd

Opposition Proceedings

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

Opposition Lodged

775758 **De Toffol, R.** (The University of Newcastle Research Associates Limited)
624290 **Garry Close and Jeanette Close,** (Leda Trading Pty Ltd)

Letters Patent Sealed

Standard Patents

772485 774415 774724 774874 774999 775049
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- 741967 The Burwood Corporation Limited The patent has been assigned to **PALOX Offshore S.A.L.**
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Corrigenda

In Vol 18, No 39, Page(s) 1061 under the heading **Applications Accepted - Name Index** in the name of Baker Hughes Inc., serial no. 777211, INID (54), amend the title to read Closed-loop drawdown apparatus and method for in-situ analysis of formation fluids

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.

- 777211 **Baker Hughes Inc.**
- 778169 **Metso Paper, Inc.**

Notice of Intention to Amend Letters Patent Pursuant to Order 58 Rule 10(1) of the Federal Court Rules

Australian Patent 727199 in the name of Ajinomoto Co., Inc.

SECTION 105 PATENTS ACT 1990
Advertisement pursuant to Order 58 Rule 10(1) of the Federal Court Rules

IDENTITY OF PROCEEDINGS

Court:	Federal Court of Australia Victoria District Registry No. V174 of 2002	
Parties:	Nutrasweet Australia Pty Ltd ACN 090 591 174 (Applicant)	Ajinomoto Co., Inc. (Respondent)

PARTICULARS OF PROPOSED AMENDMENTS

Ajinomoto Co., Inc. the registered proprietor of Australian Letters Patent No. 727199 (*the patent*) will seek an Order under Section 105(1) of the *Patents Act 1990* directing the amendment of the Patent by:

- (1) Page 1 line 6, delete the word 'sweetner' and replace it by the word 'sweetener'.
- (2) Page 16 line 2, delete the word 'expect' and replace it by the word 'except'.
- (3) Page 16 line 5, delete the word 'determing' and replace it by the word 'determining'.
- (4) Page 16 line 6, delete the word 'closet' and replace it by the word 'closest'.
- (5) Page 16 line 18, delete the word 'determing' and replace it by the word 'determining'.
- (6) Page 16 line 19, delete the word 'closet' and replace it by the phrase 'closest to'.
- (7) Page 17 line 1, delete the word 'going' and replace it by the word 'being'.
- (8) Page 17 line 8, delete 'DBM-APM' and replace it by 'DMB-APM'.
- (9) Page 17 line 13, delete the word 'puls' and replace it by the word 'plus'.
- (10) Page 18 line 13, delete the word 'catbonated' and replace it by the word 'carbonated'.
- (11) Page 22 line 23, delete the word 'corbonated' and replace it by the word 'carbonated'.
- (12) Page 23 line 1, delete the word 'strengthend' and replace it by the word 'strengthened'.

- (13) Page 23 line 13 (table), delete 'DMB-APM' and replace it by 'AceK'.
- (14) Delete Claims 1 to 7 of the patent.
- (15) Insert Claims 1 to 13 in the patent as set out in replacement pages 30 to 32 in the Schedule attached, of which –
 - (i) Claims 1, 2, 5, 8, 11, 12 and 13 comprise claims 1 to 7 of the Patent with amendments to those Claims shown in bold; and
 - (ii) Claims 3, 4, 6, 7, 9 and 10 are new claims.
- (16) Inserting as replacements for pages 30 and 31, pages 30 to 32 in the Schedule attached.

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OPPOSITION

Any person or corporation intending to oppose the application not being a party to the proceedings must, not later than 28 days after the publication of this advertisement, give written notice of that intention to each of the Commissioner of Patents, Ajinomoto Co., Inc. at the above address for service and Nutrasweet Australia Pty Ltd, C/- Allens Arthur Robinson, Lawyers, Stock Exchange Centre, 530 Collins Street, Melbourne Vic 3000.

**SCHEDULE TO NOTICE DATED 21 OCTOBER 2004,
OF
APPLICATION TO AMEND AUSTRALIAN LETTERS PATENT NO. 727199
PURSUANT TO SECTION 105**

DESCRIPTION

SWEETENER COMPOSITION IMPROVED IN TASTE

5 Technical Field

The present invention relates to a sweetener composition having a natural sweetness and therefore being excellent in its quality, which comprises N-[N-(3,3-dimethylbutyl)-L- α -aspartyl]-L-phenylalanine 1-methyl ester
10 (hereinafter, abbreviated as "DMB-APM") which is a sweetener having a high level of sweetness, together with Aspartame (hereinafter, abbreviated as "APM") which is an amino acid-based sweetener, and/or Acesulfame K (hereinafter, abbreviated as "AceK").

15

Background Art

It is reported that the level of sweetness of DMB-APM which is a sweetener having a high level of sweetness is 10,000 times that of sweetness of sucrose (Publication of
20 the Japanese translation of an international patent application No. 503,206/1996) in terms of weight ratio, and that the level of sweetness of APM which is an amino acid-based sweetener is approximately 200 times that of sweetness of sucrose (Japanese Patent Publication kokoku
25 No. 31,031/1972) in terms of weight ratio (these weight ratios vary depending on their concentration, the kinds of coexistent ingredients,

APM cola base solution was prepared by repeating Preparation (1) above, except that the DMB-APM solution was employed as the sweetener (presumed PSE being 10%).

The DMB-APM cola base solution was organoleptically evaluated, as in Example 1, by determining to which sucrose cola base solution it was the closest in sweetness level. The average score was found to be 2.45 (n = 20), and the calculated PSE value was 9.1%. Therefore, the sweetness level of DMB-APM was 6,600 times that of sucrose in the cola base solution.

Then, another 10% PSE DMB-APM solution was prepared. In greater details, 15.2 mg of DMB-APM was put into a 100-ml messflask, and filled up with pure water (presumed PSE being 100%). The desired DMB-APM cola base solution was prepared by repeating Preparation (1) above, except that the DMB-APM solution was employed as the sweetener.

The last-mentioned DMB-APM cola base solution was organoleptically evaluated, as in Example 1, by determining to which sucrose cola base solution it was the closest to in sweetness level. The average score was found to be 2.75 (n = 20), and a sweetness level of 10% PSE was identified.

(2a) Preparation of a 10% PSE cola base solution of DMB-APM and APM combined (at a 5:5 ratio in terms of PSE):

7 mg of DMB-APM and 395 mg of APM were put into a 100-ml messflask, and filled up with pure water (presumed PSE being 100%). A cola base solution was prepared by repeating Preparation (1) above, except that the aqueous solution of DMB-APM and APM combined was employed as the sweetener. The sweetness level of this cola base solution

was measured as in Example 1. The average score was 2.58, and a sweetness level of 9.3% PSE was identified.

Then, another 10% PSE DMB-APM plus APM solution was prepared. In greater details, 7.5 mg of DMB-APM and 425 mg
5 of APM were charged into a 100-ml messflask, and filled up with pure water (presumed PSE being 100%). The desired cola base solution was prepared by repeating Preparation (1) above, except that the DMB-APM plus APM solution was employed as the sweetener. The sweetness level of the
10 last-mentioned cola base solution was organoleptically evaluated as in Example 1. The average score was found to be 3.17 (calculated PSE value being 10%). In this cola base solution, the amount of the DMB-APM based on the total amount of the DMB-APM and APM was 1.7%.

15 (3) Preparation of a carbonated cola solution:

1,000 ml of each of the above-obtained cola base solutions was charged into a carbonation bomb, and carbon dioxide gas was charged therein. The bomb was allowed to stand overnight in a refrigerator, whereby the cola base
20 solution was enough carbonated. When it was cooled well, the bomb was opened while it stood still, and the solution thereof was immediately charged into a 240-ml can.

(4) Evaluation of sweetness quality:

The carbonate, 10% PSE DMB-APM cola solution obtained
25 under (3) above was compared with a carbonated, 10% sucrose cola solution as a control, with respect to 9 items, namely, early taste, peculiar taste, heavy taste, irritation, bitter taste, later taste, astringent taste, clear taste and round taste. As a result, it was found
30 that the carbonated DMB-APM cola solution was of such

sweetness quality that the early taste was extremely weak, the later taste was extremely strong, and the astringent taste was strong (n = 20).

The carbonated 10% PSE cola solution of DMB-APM and
5 APM combined (at a 5:5 ratio in terms of PSE), which had
been obtained under (3) above, was compared with a
carbonated, 10% sucrose cola solution as the control, with
respect to 9 items, namely, early taste, peculiar taste,
heavy taste, irritation, bitter taste, later taste,
10 astringent taste, clear taste and round taste. As a
result, it was found that the carbonated DMB-APM plus APM
cola solution (the DMB-APM and the APM being in a 5:5 ratio
in terms of PSE) was of such improved sweetness quality
that the early taste was strengthened, the later taste was
15 weakened, and the astringent taste was weakened. Thus,
well-balanced sweetness characteristics were provided (n =
20), being different from

Cola drinks were prepared by repeating the procedure as given under Example 3 (3) above, which contained the sweeteners in the ratios given in the following Table 1.

Table 1

Run No.	DMB-APM:PSE ratio (%)	DMB-APM:APM weight ratio (mg/dl)	DMB-APM amount based on the total amount (%)
1	1:9	0.15:92.9	0.16
2	2:8	0.24:62.3	0.38
3*	5:5	0.75:42.5	1.7
4	8:2	1.2:10.4	10.3
5	9:1	1.4:3.8	27.0
6**	4.5:0.5	0.68:1.38	33.0

* Described in Example 2.

** In case of 5% PSE.

5

Each of the carbonated cola solutions of Run Nos. 1, 2 and 4 to 6 was compared with a carbonated, 10% sucrose cola solution as a control, with respect to 9 items, namely, early taste, peculiar taste, heavy taste, irritation, bitter taste, later taste, astringent taste, clear taste and round taste. As a result, being different from a carbonated cola solution in which DMB-APM was only used as the sweetener, they were all of such improved sweetness quality that the early taste was strengthened, the later taste was weakened, and the astringent taste was weakened, which, in turn, provided well-balanced sweetness characteristics. By the way, higher APM ratios gave higher improvements in sweetness quality (n = 20).

Example 5

Carbonated cola solutions were prepared by repeating the procedure as given under Example 3 (3) above, which
5 contained the sweeteners in the ratios given in the following Table 2.

Table 2

Run No.	DMB-APM:APM:AceK PSE ratio (%)	weight ratio (mg/dl)	AceK amount based on the total amount (%)
1	7:2:1	1.1:10.4:1.0	8
2	2:7:1	0.3:56.0:0.8	1.4
3	1:8:1	0.15:78.2:0.95	1.2
4*	4:4:2	0.5:25.1:4.3	14.4
5	4:2:4	0.6:10.4:25.1	69.5
6	2:4:4	0.3:28.5:25.1	46.6
7	4:1:5	0.6:3.8:42.4	90.6
8	1:1:8	0.15:3.8:169.2	97.7

* Described in Example 3.

The claims defining the invention are as follows:

1. A sweetener composition comprising N-[N-(3, 3-dimethylbutyl) -L- α -aspartyl] - L-phenylalanine 1-methyl ester (DMB-APM) and Aspartame (APM) and/or Acesulfame K (AceK) in a ratio which gives sweetness quality thereto closer to that of sucrose than any one of N-[N-(3,3-dimethylbutyl) - L- α -aspartyl) -L-phenylalanine 1-methyl ester, Aspartame and Acesulfame K.
5
2. A sweetener composition comprising N-[N-(3,3-dimethylbutyl) -L- α -aspartyl] -L-phenylalanine 1-methyl ester and Aspartame, wherein the amount of the N-[N-(3,3-dimethylbutyl) - L- α -aspartyl) -L-phenylalanine 1-methyl ester is between 0.1% by weight and 35% by weight based on the total amount of the N-(3,3-dimethylbutyl) -L- α -aspartyl] - L-phenylalanine 1-methyl ester and the Aspartame.
10
3. A sweetener composition comprising N-[N-(3,3-dimethylbutyl) -L- α -aspartyl] -L-phenylalanine 1-methyl ester and Aspartame, wherein the amount of the N-[N-(3,3-dimethylbutyl) - L- α -aspartyl) -L-phenylalanine 1-methyl ester is from 0.16% by weight to 33% by weight based on the total amount of the N-(3,3-dimethylbutyl) -L- α -aspartyl] - L-phenylalanine 1-methyl ester and the Aspartame.
15
4. A sweetener composition comprising N-[N-(3,3-dimethylbutyl) -L- α -aspartyl] -L-phenylalanine 1-methyl ester and Aspartame, wherein the amount of the N-[N-(3,3-dimethylbutyl) - L- α -aspartyl) -L-phenylalanine 1-methyl ester is between 0.3% by weight and 3% by weight based on the total amount of the N-(3,3-dimethylbutyl) -L- α -aspartyl] - L-phenylalanine 1-methyl ester and the Aspartame.
20
25
30
35

5. A sweetener composition comprising N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester, Aspartame and Acesulfame K, wherein the amount of the Acesulfame K is between 0.5% by weight and 85% by weight based on the total amount of the three sweeteners.

6. A sweetener composition comprising N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester, Aspartame and Acesulfame K, wherein the amount of the Acesulfame K is between 1% by weight and 75% by weight based on the total amount of the three sweeteners.

7. A sweetener composition comprising N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester, Aspartame and Acesulfame K, wherein the amount of the Acesulfame K is from 1.2% by weight to 69.5% by weight based on the total amount of the three sweeteners.

8. A sweetener composition comprising N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester and Acesulfame K, wherein the amount of the N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester is between 3% by weight and 80% by weight based on the total amount of the N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester and Acesulfame K.

9. A sweetener composition comprising N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester and Acesulfame K, wherein the amount of the N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester is from 3.5% by weight to 78.2% by weight based on the total amount of the N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester and Acesulfame K.

10. A sweetener composition comprising N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester and Acesulfame K, wherein the amount of the N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester is between 3.5% by weight and 60% by weight based on the total amount of the N-[N-(3,3-dimethylbutyl) - L- α -aspartyl] - L-phenylalanine 1-methyl ester and Acesulfame K.

11. A beverage comprising the sweetener composition of any one of claims 1 to 10.

12. The beverage of claim 11, which is a carbonated beverage.

13. A sweetener composition according to any one of claims 1 to 10 or a beverage according to claim 11 substantially as described herein with reference to the examples.

Dated this 21st day of October 2004

AJINIMOTO CO., INC.

By their Patent Attorneys

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