



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

Contents

General Information & Notices

Amendments, Section 104

Applications for Amendment 250

Applications Lapsed, Refused Or Withdrawn

Patents Ceased or Expired 249

Assignments Registered 250

Extensions of Term of Standard Patents, Section 70 253

Extensions of Time, Section 223 250

Notice of Opposition under Section 223 (6) and Chapter 5 250

Opposition Proceedings 250

General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

This is the act of making an application. When the application is first filed certain details are published.

(ii) OPEN-TO-PUBLIC-INSPECTION (OPI) -

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

(iii) NATIONAL PHASE ENTRY (NPE) -

For an application filed under the PCT to have full effect, it must move from the international phase of processing into the National phase of processing, by complying with the requirements of s.89(3). For PCT applications that were filed after 1 January 2004 which have entered the National Phase certain details are published.

(iv) ACCEPTANCE -

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

(v) OPPOSITION -

If an opposition action is commenced against the grant of the patent, the six-figure acceptance number and the name of the opponent are published. If the opposition is to the Certification of an Innovation Patent, the patent number and the name of the opponent are published.

(vi) SEALING -

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

(vii) CERTIFICATION-

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

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

How To Identify Information Using "INID" Numbers

Patents are published in many different countries and in many different languages. As a result, finding the information that you want (eg the filing date) on a patent document or in a journal can be quite difficult. There is an international system operating, however, which codifies this information in an unambiguous way, by assigning a specific number to each piece of information about the history of a patent. These numbers are called the **I**nternationally **A**greed **N**umbers for the **I**dentification of **D**ata or INID numbers.

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

(22) 12.10.91

means that the filing date of the document which contains this reference is 12 October 1991. Learning the INID numbers for the information you want will help you find it quickly and easily.

A complete list of the INID numbers and the items to which they relate is provided at the end of this Guide.

How Australian Patent Documents are Numbered

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

There will be number ranges for types of patents:

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

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

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

e.g. 2002901123

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

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

e.g. 2002200345 Standard
2002100123 Innovation

There are prefixes applied to this number which indicate whether the application has been accepted:

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

In addition to the Name Index there is provided, for each of these categories, a Numerical Index. This index lists the applications either in order of their five-figure Application Numbers, in the case of complete applications filed and applications OPI, or in order of their six-figure Document Number in the case of accepted applications. It provides, for each number, the name of the applicant. These indices are useful if you wish to track the progress of a particular patent application.

There are also IPC Indices provided for applications which are OPI, for applications which have entered national phase and for applications which have been accepted. IPC stands for International Patent Classification. Each IPC "mark" is an alpha-numerical representation of a particular area of technology. These indices are in order of IPC mark, and within each mark provide either the five-figure application numbers of the application which are now OPI or the six-figure numbers of the cases now accepted. These indices are useful if you wish to check on patent activity in a particular technology.

Using the Indices

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

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

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

The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u>	(54)	The <u>title</u>	(54)
The <u>classification marks</u>	(51)	The <u>classification marks</u>	(51)
Priority document <u>number(s)</u>	(31)	PCT publication <u>number</u>	(87)
<u>Date</u> of filing of priority document(s)	(32)	Priority document <u>number</u>	(31)
<u>Country</u> in which priority document filed	(33)	<u>Date</u> of filing of priority document(s)	(32)
Publication <u>date</u> of unexamined document	(43)	<u>Country</u> in which priority document filed	(33)
Inventors <u>names</u> if known	(72)	Publication <u>date</u> of unexamined document	(43)
<u>Patent Attorneys</u>	(74)	Inventors <u>names</u> if known	(72)
Related by addition	(61)	<u>Patent Attorneys</u>	(74)
Related by division	(62)		

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
E) Applications accepted - Name Index		F) Patents Certified – 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 accepted document	(10)
The <u>number</u> of the accepted document	(10)	The <u>number</u> assigned to the application	(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>	(54)
The <u>title</u>	(54)	The <u>classification marks</u>	(51)
The <u>classification marks</u>	(51)	Priority document <u>number</u>	(31)
PCT publication <u>number</u>	(87)	<u>Date</u> of filing of priority document(s)	(32)
Priority document <u>number</u>	(31)	<u>Country</u> in which priority document filed	(33)
<u>Date</u> of filing of priority document(s)	(32)	Publication <u>date</u> of granted patent	(45)
<u>Country</u> in which priority document filed	(33)	Inventors <u>names</u>	(72)
Publication <u>date</u> of unexamined document	(43)	<u>Patent Attorneys</u>	(74)
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 application through that all applications are in alphabetical order of **Applicant**, not inventor.

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

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

The following Numerical Indices are available:

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

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

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of IP Australia's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index
- C) Applications **Entered National Phase** – IPC Index

These indices give you the numbers of the applications which are either OPI, Entered National Phase or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed **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) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

(30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

(40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.
- (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (45) Date of publication by printing or similar process of a document, on which grant or certification has taken place on or before the said date.

(50) Technical Information

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

(60) Reference(s) to other legally related domestic document(s)

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

(70) Identification of parties concerned with the document

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

(80) Identification of data related to International Conventions other than the Paris Convention

- (86) PCT Application Number
- (87) PCT Publication Number

NOTE

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

 AU-A = Pre-examination **AU-B** = Post-examination
- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)², (51)³, (51)⁴ and (51)⁵.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

ABSTRACTS OF DECISIONS**DECISION OF A DEPUTY COMMISSIONER OF PATENTS**

Application	:	No. 746856 in the name of LTS Lohmann Therapie-Systeme AG and Schwarz Pharma Limited
Title	:	Transdermal therapeutic system which contains a D2 agonist and which is provided for treating Parkinsonism, and method for the production thereof
Action	:	Request under s 70 of the Patents Act for an extension of term and objections of the Commissioner thereto
Decision	:	21 August 2009

Abstract

The patent relates to a transdermal therapeutic system (transdermal patch) to deliver the D2 receptor agonist rotigotine), for the purpose of treating Parkinson's syndrome. Transdermal administration of rotigotine via a patch is known in the art, but the invention lies in the matrix formulation which allows administration of the active, free base form of rotigotine, improved release of the agonist from the patch, and ease of manufacture.

The patentee applied for an extension of term of the patent based on the inclusion of NEUPRO[®] on the Australian Register of Therapeutic Goods which if successful, would extend the term of the patent until 22 November 2022 rather than 18 March 2019.

It was considered whether a pharmaceutical substance *per se* within the meaning of the *Patents Act 1990*, in substance falls within the scope of a claim or claims of the specification and more particularly whether the claimed product is a "substance (including a mixture or compound of substances) for therapeutic use".

It was found that the claimed pharmaceutical compound comprised three components - a polymer matrix containing rotigotine, an inert backing layer and a protective layer. It was further found that the claimed product as a whole, comprising a protective layer which is to be removed before use, constituted a pharmaceutical substance in combination with a separate integer, and consequently the application does not satisfy the requirements of s 70(2)(a) and the patent cannot be granted an extension of term. *Boehringer Ingelheim International GmbH v Commissioner of Patents* [2001] FCA 647 and *Prejay Holdings Ltd v Commissioner of Patents* [2003] FCAFC 77 applied.

Proceedings under the Patents Act 1990

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

Applications Lapsed, Refused Or Withdrawn
Patents Ceased or Expired

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

The codes next to each number have the following meanings:

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

	653916 (14)	654660 (14)	655574 (14)
	656359 (14)	657675 (14)	657676 (14)
	661223 (14)	661817 (14)	662088 (14)
	667499 (14)	668918 (14)	669354 (14)
	670475 (14)	672566 (14)	672660 (14)
	674138 (14)	675059 (14)	675290 (14)
	675928 (14)	677287 (14)	677510 (14)
	677537 (14)	678148 (14)	678349 (14)
	679048 (14)	679331 (14)	680872 (14)
	681937 (14)	684268 (14)	685698 (14)
	687289 (14)	687948 (14)	688302 (14)
	689554 (14)	691713 (14)	692012 (14)
	693654 (14)	693973 (14)	694150 (14)
	694841 (14)	695068 (14)	695125 (14)
	696708 (14)	697548 (14)	699663 (14)
	699922 (14)	700018 (14)	701359 (14)
	703330 (14)	703521 (14)	704702 (14)
	706113 (14)	707058 (14)	708764 (14)
	709035 (14)	710332 (14)	711641 (14)
	712590 (14)	713402 (14)	713699 (14)
	715183 (14)	716210 (14)	716981 (14)
	717299 (14)	718882 (14)	719463 (14)
	722731 (14)	724183 (14)	724284 (14)
	725778 (14)	725839 (14)	725952 (14)
	728727 (14)	729577 (14)	730646 (14)
	730829 (14)	731570 (14)	731805 (14)
	733190 (14)	733326 (14)	734854 (14)
	735464 (14)	735537 (14)	735825 (14)
	736183 (14)	736257 (14)	736394 (14)
	737369 (14)	738269 (14)	738629 (14)
	738982 (14)	741151 (14)	743616 (14)
	744730 (14)	746795 (14)	748203 (14)
	749281 (14)	749699 (14)	752332 (14)
	753992 (14)	754111 (14)	755426 (14)
	756766 (14)	757814 (14)	758309 (14)
	758316 (14)	759378 (14)	760150 (14)
	761666 (14)	761710 (14)	761812 (14)
	762324 (14)	762325 (14)	762741 (14)
	766025 (14)	767027 (14)	768457 (14)
	769009 (14)	770624 (14)	770819 (14)
	773355 (14)	773515 (14)	774409 (14)
	774808 (14)	775539 (14)	775864 (14)
	776159 (14)	776930 (14)	777054 (14)
	777304 (14)	777366 (14)	777371 (14)
	779311 (14)	780284 (14)	780397 (14)
	781644 (14)	781690 (14)	782030 (14)
	784396 (14)	784639 (14)	785031 (14)
587218 (14)	601098 (14)	601099 (14)	
603942 (14)	605959 (14)	607582 (14)	
608946 (14)	610686 (14)	610976 (14)	
611258 (14)	611759 (14)	612229 (14)	
613146 (14)	613703 (14)	614022 (14)	
614023 (14)	614032 (14)	614328 (14)	
614580 (14)	615022 (14)	615395 (14)	
615511 (14)	616146 (14)	616477 (14)	
616478 (14)	618310 (14)	618312 (14)	
620083 (14)	620964 (14)	621144 (14)	
621583 (14)	621590 (14)	621779 (14)	
621853 (14)	622142 (14)	623112 (14)	
623487 (14)	623748 (14)	623876 (14)	
624595 (14)	626193 (14)	626629 (14)	
626641 (14)	627104 (14)	628043 (14)	
628932 (14)	629530 (14)	629536 (14)	
629603 (14)	631717 (14)	632014 (14)	
633560 (14)	634019 (14)	634744 (14)	
636104 (14)	637186 (14)	638691 (14)	
639360 (14)	640553 (14)	642460 (14)	
643626 (14)	644633 (14)	646688 (14)	
649099 (14)	650196 (14)	650945 (14)	
651667 (14)	651916 (14)	652799 (14)	

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.

658538 **Aventis Inc.** An application to extend the time from 12 Dec 2007 to 12 Jun 2009 in which to pay a renewal fee has been lodged . Address for service in Australia - PHILLIPS ORMONDE FITZPATRICK 367 Collins Street MELBOURNE VIC 3000

767439 **VRM International Ltd.** An application to extend the time from 29 Jun 2008 to 29 Jun 2009 in which to pay a renewal fee has been lodged . Address for service in Australia - Cullens Patent and Trade Mark Attorneys GPO Box 1074 BRISBANE QLD 4001

777865 **Wolfinger, D.G.** An application to extend the time from 14 Jun 2009 to 14 Aug 2009 in which to pay a renewal fee has been lodged . Address for service in Australia - David Wolfinger 26 Baileys Road COOPERS SHOOT NSW 2479

785466 **Harcourt Engine Pty Ltd.** An application to extend the time from 7 Jun 2009 to 7 Aug 2009 in which to pay a renewal fee has been lodged . Address for service in Australia - Fisher Adams Kelly GPO Box 1413 BRISBANE QLD 4001

Applications Allowed - Section 223(2)

680235 **Galloway, P.E. and Wilson, P.L.** The time in which to pay a renewal fee has been extended to 27 Nov 2008 . Address for service in Australia - PIZZEYS PO Box 291 WODEN ACT 2606

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.

770021 Customizing prepaid service **Nokia Corp.** The nature of the proposed amendment is as shown in the statement(s) filed 12 Mar 2009. . Address for service in Australia - SPRUSON & FERGUSON GPO Box 3898 SYDNEY NSW 2001

Opposition Proceedings

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

Opposition Proceedings - cont'd

Notice of Opposition under Section 223 (6) and Chapter 5

680235

A Notice of Opposition to the Request for an Extension of time to Pay Renewal Fees has been Dismissed on 10 August 2009

Opposition Withdrawn

785305 **IGT (Aristocrat Technologies Australia Pty Limited)**

785277 **Aristocrat Technologies Australia Pty Limited (IGT)**

Opposition Dismissed - Proceeding to Sealing

765849 **Target Technology Co., LLC.** (Williams Advanced Materials, Inc)

Assignments Registered

599239 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

606266 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

607030 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

613238 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

616269 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

618287 Bayer HealthCare AG The patent has been assigned to **Bayer Animal Health GmbH**

623833 M&G Polimeri Italia SpA The patent has been assigned to **Teijin Limited**

649086 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

655436 Merck & Co., Inc. The patent has been assigned to **Iroko Cardio, LLC**

656141 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

657199 Merck & Co., Inc. The patent has been assigned to **Iroko Cardio, LLC**

662833 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

670317 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

671960 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

679585 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

Assignments Registered - cont'd

679724 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

682211 MMC Networks, Inc. The patent has been assigned to **QUALCOMM Incorporated**

682847 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

685535 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

686976 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

688401 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

689179 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

689671 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

694663 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

695171 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

696581 Bayer HealthCare AG The patent has been assigned to **Bayer Animal Health GmbH**

696860 Amgen, Inc. The patent has been assigned to **Biovitrum AB (publ)**

701461 Bayer HealthCare AG The patent has been assigned to **Bayer Animal Health GmbH**

702274 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

703048 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

703567 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

704092 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

704125 CDS Nu-Steel Pty Ltd The patent has been assigned to **CDS Nu-Steel Homes International Co., Ltd.**

705085 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

705745 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

705762 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

706836 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

707123 Bayer Aktiengesellschaft The patent has been assigned to

Assignments Registered - cont'd

Bayer Animal Health GmbH

707628 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

708540 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

710863 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

711705 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

712721 Amgen, Inc. The patent has been assigned to **Biovitrum AB (publ)**

712755 Merck & Co., Inc. The patent has been assigned to **Iroko Cardio, LLC**

715341 Bayer HealthCare AG The patent has been assigned to **Bayer Animal Health GmbH**

717751 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

718807 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

718815 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

728646 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

729863 Family Systems Limited The patent has been assigned to **Fasm Network Services, LLC**

731693 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

735137 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

736083 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

738563 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

739642 Bayer Corporation The patent has been assigned to **Bayer HealthCare LLC**

739980 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

740318 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

740941 Merck & Co., Inc. The patent has been assigned to **Iroko Cardio, LLC**

742622 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

744367 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

Assignments Registered - cont'd

746256 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

746401 CDS Nu-Steel Pty Ltd The patent has been assigned to **CDS Nu-Steel Homes International Co., Ltd.**

747876 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

748466 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

749719 Amgen, Inc. The patent has been assigned to **Biovitrum AB (publ)**

750874 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

750954 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

751711 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

753233 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

753560 Beryl Murray Ward The patent has been assigned to **Mark Steven Ward**

756001 Torbjorn Backstrom; Ming-De Wang The patent has been assigned to **Umecrine Mood AB**

756372 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

756887 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

757669 Ajax Cooke Pty Ltd The patent has been assigned to **Powers Fasteners Australasia Pty Ltd**

759446 Daniel Wayne Hills The patent has been assigned to **Forma-Tech Pty Ltd**

759769 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

760710 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

760715 Ajax Cooke Pty Ltd The patent has been assigned to **Powers Fasteners Australasia Pty Ltd**

761553 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

762077 Bayer Corporation The patent has been assigned to **Bayer HealthCare LLC**

763003 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

763024 Bayer Corporation The patent has been assigned to **Bayer HealthCare LLC**

763883 Bayer Aktiengesellschaft The patent has been assigned to

Assignments Registered - cont'd

Bayer Animal Health GmbH

764846 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

765412 Bayer Corporation The patent has been assigned to **Bayer HealthCare LLC**

767750 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

767890 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

768536 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

768910 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

770917 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

772230 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

772444 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

772691 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

772897 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

775159 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Schering Pharma Aktiengesellschaft**

776279 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

779051 Geoffrey Francis Herlihy The patent has been assigned to **Bwanolar Pty Ltd**

779365 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

780225 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

781189 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

783437 Bayer Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

783761 SkyCat Group Limited The patent has been assigned to **HAP Acquisitions Limited**

784080 Kraft Foods, Inc. The patent has been assigned to **Kraft Foods Global Brands LLC**

Extensions of Term of Standard Patents, Section 70

Application filed

The following application(s) for Extension of Term under Section 70 have been filed.

708694 **Cellegy Australia Pty Ltd**

RECTOGESIC OINTMENT glyceryl trinitrate

Grant

The following application(s) for Extension of Term have been granted under Section 74.

773891 **Kirin-Amgen Inc.**

NPLATE romiplostim (rbe)

Date extended term due to expire on 08/08/2023