

PATENT ACT, 1978

PATENT REGULATIONS, 1978

as published in

Government Notice R2470 in Government Gazette 6247 of 15 December 1978 as amended by

(as corrected by Government Notice R697 in Government Gazette 6379 of 30 March 1979) Government Notice R1110 in Government Gazette 9242 of 30 May 1984 Government Notice R1613 in Government Gazette 9346 of 3 August 1984 Government Notice R1364 in Government Gazette 10321 of 4 July 1986 Government Notice R1482 in Government Gazette 11436 of 29 July 1988 Government Notice R2703 in Government Gazette 12216 of 15 December 1989 Government Notice R3038 in Government Gazette 12919 of 28 December 1990 Government Notice R687 in Government Gazette 13096 of 28 March 1991 Government Notice R1566 in Government Gazette 13382 of 5 July 1991 Government Notice R3163 in Government Gazette 13695 of 27 December 1991 Government Notice R3433 in Government Gazette 14498 of 31 December 1992 Government Notice R2514 in Government Gazette 15389 of 31 December 1993 Government Notice R478 in Government Gazette 16332 of 31 March 1995 Government Notice R49 in Government Gazette 16930 of 19 January 1996 Government Notice R309 in Government Gazette 17812 of 28 February 1997 Government Notice R963 in Government Gazette 18143 of 11 July 1997 Government Notice R250 in Government Gazette 19775 of 26 February 1999 Government Notice R327 in Government Gazette 19845 of 12 March 1999 Government Notice R824 in Government Gazette 20248 of 28 June 1999 Government Notice R1270 in Government Gazette 20565 of 21 October 1999 Government Notice R1552 in Government Gazette 20790 of 30 December 1999 Government Notice R1432 in Government Gazette 21960 of 29 December 2000 Government Notice R309 in Government Gazette 22187 of 30 March 2001 Government Notice R746 in Government Gazette 22560 of 17 August 2001 Government Notice R1032 in Government Gazette 22750 of 19 October 2001 Government Notice R216 in Government Gazette 23156 of 1 March 2002 Government Notice 567 in Government Gazette 24800 in 23 April 2003 Government Notice 721 in Government Gazette 24934 of 29 May 2003 Government Notice 904 in Government Gazette 27713 of 1 July 2005 Government Notice R989 in Government Gazette 28104 of 10 October 2005 Government Notice R1181in Government Gazette 29413 of 1 December 2006

The Minister of Economic Affairs has, by virtue of the powers vested in him in terms of section 91 of the Patents Act, 1978 (Act 57 of 1978), made the following regulations and with the concurrence of the Minister of Finance prescribed the matters in respect of which fees shall be payable and the tariff of such fees set forth in Schedule 1 hereto:

1. Definitions

- (1) In these regulations the expression 'the Act' means the Patents Act, 1978, and, unless the context otherwise indicates, an expression used in these regulations to which a meaning has been assigned in the Act shall bear the meaning so assigned and-
 - "access code" means the unique identification particulars, whether alphanumeric, biometric or otherwise, enabling the CIPRO system to identify a person:
 - "CIPRO" means the Companies and Intellectual Property Registration Office that constitutes a combined administrative office for the various registration offices

established or deemed to be established under the Act, the Trade Marks Act, 1993 (Act 194 of 1993), the Designs Act, 1993 (Act 195 of 1993), the Registration of Copyright in Cinematograph Films Act, 1977 (Act 62 of 1977), the Close Corporations Act, 1984 (Act 69 of 1984), and the Companies Act, 1973 (Act 61 of 1973);

- "CIPRO customer" means any person using electronic services and includes any person who has been allowed by the Registrar to use electronic services, who is legally entitled to act on behalf of a natural or juristic person, and who has thus been allowed to use or provide electronic services or to act as an intermediary in respect of electronic services;
- "CIPRO portal" means the Internet website or other electronic portal forming part of the CIPRO system;
- "CIPRO record retention system" means the system used by CIPRO to store records for subsequent access, whether in paper, microfilm, electronic or any other form:
- "CIPRO system" means the computer system, including the CIPRO portal, through which CIPRO provides electronic services, irrespective of the medium or form of technology underlying or forming part of such services;
- "electronic services" means the services provided or made available by CIPRO through the CIPRO system in terms of regulation 1A;
- "inspect" includes obtaining access to a record via the CIPRO system;
- "lodge" includes the creation of a record on the CIPRO system;
- "office" means the patent office established under section 5 (1) of the Act;
- "operational requirements" means the requirements provided for in regulation 1A(2); and
- "priority document" means a copy of the application and all relevant documents lodged with such application in a convention country certified by the authority with whom the application in the convention country was filed.
- (2) These regulations shall apply to all patents and patent applications subject to the modifications set out in Chapter 1 A in respect of international applications designating the Republic.

1A. ELECTRONIC SERVICES

- (1) The Registrar may direct by notice in the Gazette that any requirement under the Act or these regulations, including requirements in respect of information, records and payment, may or must be satisfied in electronic form, subject to the provisions of the operational requirements.
- (2) The Registrar must publish operational requirements on the CIPRO portal setting out the requirements, processes and procedures in respect of all or certain electronic services, including -
 - (a) registration procedures;
 - (b) identification, authentication and verification;
 - (c) form and format of records:

- (d) manner and form of payment;
- (e) information security requirements; and
- (f) record retention requirements.
- (3) The operational requirements may be published in different forms over different parts of the CIPRO portal.
- (4) Unless another form of electronic signature is specified in the operating requirements, any signature requirement under the Act or these regulations in respect of a record to be accessed from or lodged with CIPRO is satisfied by the CIPRO customer entering his access code on the CIPRO system and any record lodged after the CIPRO customer having entered the access code shall be deemed to have been duly signed by the person whose signature is required under the Act or these regulations for purposes of such record.
- (5) Where any form under the Act or regulations makes provision for a signature and such form is deemed to be signed as provided for in sub-regulation (4), it shall not be necessary to have recorded on such form that it had been signed.
- (6) Unless CIPRO receives prior written notification from the holder of an access code to disable such access code, CIPRO shall be entitled to accept that the person using electronic services is the person to whom the access code was issued or such person's duly authorized representative acting within the scope of such person's authority.
- (7) CIPRO may suspend or terminate electronic services at any time without incurring any liability for doing so: Provided that proper notice of such suspension or termination shall be given and that such suspension or termination will not effect existing rights of any person who has been using such electronic services.".

CHAPTER I

PROCEDURE IN THE PATENT OFFICE (regs 2-67)

2. Fees

The fees to be paid in terms of the Act shall be the fees specified in Schedule 1 to these regulations and shall be payable in such manner as the registrar may direct.

3. Forms

The forms referred to in these regulations are the forms contained in Schedule 2 hereto and such forms, whether in paper form or in any electronic form authorized by the registrar for electronic services, shall be used substantially in the manner prescribed for those cases to which they apply, but may be modified or amended with the approval of the registrar provided that such modifications or amendments shall not substantially affect their identity.

4. The register and indices

The registrar shall cause to be entered in the register the particulars called for in Form P2.

5. The registrar shall maintain an alphabetical index of the names of all applicants for patents, inventors and patentees on the register and may also maintain an alphabetical index of the names of all assignees of patents or patent applications, registered licensees and hypothec holders on the register.

6. The registrar shall maintain an index of all granted patents according to their classification.

7. Office hours

- (1) The office will be open to the public from Mondays to Fridays from 08h00 to 15h00 except on the following days:
 - (a) All days proclaimed public holidays in terms of any law; and
 - (b) days which may from time to time be notified by placard posted in a conspicuous place at the office.
- (2) Whenever the last day fixed by the Act or by these regulations for doing any such thing falls on a day when the office is not open to the public it shall be lawful to do any such thing on the day next following such excluded day, or days, if two or more of them occur consecutively.

8. Power of attorney

- Any agent appointed to act on behalf of any person shall file a power of attorney on Form P3.
- (2) On termination of the authority of an agent referred to in subregulation (1) the person concerned may act on his own behalf or appoint any other agent to act for him. Such other agent shall file a power of attorney.
- (3) The registration of an assignment shall not revoke a power of attorney previously given, unless the assignee files a power of attorney in terms of subregulation (2).
- (4) An agent who withdraws from proceedings under the Act may do so on notice to the registrar.
- (5) Upon withdrawal of an agent the provisions of subregulation (2) shall apply.
- (6) Where any change is made in the authorisation of an agent referred to in subregulation (1) the principal shall, within one month of the date of such change or such further period as the registrar may allow, change his address for service in terms of section 87 of the Act by lodging Form P4.

9. Address for service

On all documents lodged in terms of the Act there shall be stated the address for service of the person by or on behalf of whom the document has been lodged.

10. Any change of address for service shall be made by lodging Form P4.

11. Corrections or alterations

Except where specific provision is made for the use of special forms, any application or request to the registrar for the correction of an error in any document or for the alteration of any entry on a document or on the register shall be made on Form P4.

12. Documents

Subject to the provisions of section 30 (6) (c) of the Act, all documents other than drawings, priority documents or a specification lodged in terms of section 30 (6) (a) (iii) shall be in one of the official languages of the Republic.

- 13. All documents shall be so presented as to permit of direct reproduction by photography, reprography or electronic means, as the case may be, in an unlimited number of copies. Where paper forms are used, all sheets shall be free of cracks, creases and folds. Only one side of a sheet shall be used, except where otherwise specified.
- 14. All documents which are not photocopies of other documents shall be on A4 paper which shall be strong, pliable, smooth, matt and durable or in such electronic form as authorized by the registrar for electronic services. Each sheet shall be used with its short sides at the top and bottom (except where inappropriate in the case of drawings).
- 15. Except for drawings, the minimum margins (which shall be kept completely blank) shall be as follows:

Top: 20 mm. Left side: 25 mm. Right side: 15mm Bottom: 10 mm

- 16. In all original typed documents the typing shall be 11/2 line spacing or double spacing. The capital letters used shall be not less than 2,1 mm high. All documents except drawings shall be in typescript or printed and shall be in dark, durable colour.
- 17. Units of weight and measures shall be expressed in terms of the metric system. If a different system is used, such units shall also be expressed in terms of the metric system. Temperatures shall be expressed in degrees Celsius. If a different system is used, such temperatures shall also be expressed in degrees Celsius. For the other physical values, the units recognised in international practice shall be used. For mathematical formulae the symbols in general use, and for chemical formulae the symbols, atomic weights and molecular formulae in general use, shall be employed. In general, use should be made of technical terms, signs and symbols generally accepted in the field in question.
- 18. If a formula or symbol is used in the specification a copy of such formula or symbol, prepared in the same manner as drawings, shall be filed if the registrar so directs.
- 19. All documents, including drawings, shall be reasonably free from erasures and from alterations, overwritings and interlineations and shall, in any event, be legible.

20. Drawings

Drawings accompanying an application shall be on sheets of A4 size and the minimum margins shall be the same as those set out in regulation 15, except that below the top margin there shall be a space clear of any drawing matter to leave space for the name of the applicant, the application number and the numbering of the sheets and that at the bottom righthand corner there shall be a space within the margin and not occupied by drawing matter for the signature of the applicant or his agent. All references signs appearing on the drawing shall be simple and clear.

21. Drawings shall be on strong, pliable, smooth, matt and durable drawing paper or on strong, pliable, smooth, matt and durable tracing cloth or in such electronic form as authorized by the registrar for electronic services and shall be executed without colouring in durable, black, sufficiently dense and dark, uniformly thick and well defined lines and strokes to permit of satisfactory reproduction.

22. Application for the grant of patents

- (1) An application for a patent shall be made on Form P1 and shall be accompanied by the following documents:
 - (a) Form P1, in duplicate, one copy of which shall be returned to the applicant as proof of lodging;

- (b) Form P2 in duplicate;
- (c) a declaration and power of attorney on Form P3;
- (d) where the applicant has acquired a right to apply from the inventor, an assignment or other proof, to the satisfaction of the registrar, of the right of the applicant to apply;
- (e) a single copy of a provisional specification on Form P6 or two copies of a complete specification on Form P7;
- (f) drawings, in the prescribed manner, if drawings are necessary to exemplify the invention; and
- (g) an abstract on Form P8, in duplicate, if the application is accompanied by a complete specification.
- (2) [Subreg. (2) deleted by GN R250 of 26 February 1999]
- 23. A convention application, if not made by the applicant in the convention country, shall also contain an assignment or other proof, to the satisfaction of the registrar, of the applicant's right to claim priority.
- 24. An application claiming priority under the Act from any prior application to the patent office shall contain a copy, in duplicate, on Form P2 of such prior application as well as the specification lodged in support of such prior application.
- 25. In addition to the documents required under regulations 22 and 23, a convention application shall also contain a copy, certified to the satisfaction of the registrar, of the priority document. If any such document is in a language other than an official language of the Republic, the certified copy shall be accompanied by the translation thereof into one of the official languages, which translation shall be verified to the satisfaction of the registrar. Priority documents shall be lodged within six months of the lodging of the application or within such further period as the registrar may allow on request.
- 26. After grant of a patent an updated copy of Form P2 shall accompany the I etters patent.

27. Provisional specification

A provisional specification shall commence on Form P6 and be continued on a new page with a description of the invention and shall be signed at the end of the description by the applicant or his agent.

28. Complete specification

A complete specification shall commence on Form P7 and shall be signed at the end thereof by an agent.

- 28bis.(1) A complete specification which claims as an invention a microbiological process or a product thereof shall, where no samples of the micro-organism in question are available to the public as required by section 32 (6) of the Act, only to be deemed fully to describe, ascertain and disclose the invention in terms of section 32 (3) (b) and (c) if before acceptance of the application-
 - (a) a culture of the micro-organism has been deposited in a culture collection recognised by the European Patent Office for the purpose of rule 28 of the implementing regulations to the convention on the granting of European Patents;

- (b) the complete specification gives such relevant information as is available to the applicant on the characteristics of the micro-organism;
 - (c) the complete specification gives the date when the culture was deposited, the culture collection in which it was deposited and the file number of the deposit.
- (2) Before an application for a patent referred to in regulation 28bis(1) can be accepted, the applicant must furnish proof to the satisfaction of the Registrar that samples of the micro-organism in question are available from such culture collection to the public in the Republic of South Africa.

28A. Microbiological processes and products

- (1) If the complete specification accompanying an application claims as an invention a microbiological process or a product thereof and requires for the performance of the invention the use of a micro-organism which is not available to the public on the date of lodging the application and which cannot be made or obtained on the basis of the description in the specification, the following provisions shall apply:
 - (a) Not later than the date of lodging the application, a culture of the microorganism shall be deposited with a depositary institution which has acquired the status of international depositary authority as provided for in the Budapest Treaty on the International Recognition of the Deposit of Micro-organisms for the Purposes of Patent Procedure;
 - (b) subject to subregulation (2), the complete specification shall state the name, or a recognised abbreviation, of the international depositary authority with which the culture was deposited and the accession number given to the deposit by the international depositary authority; and
 - (c) the complete specification, as lodged, shall give such relevant information as is available to the applicant on the characteristics of the micro-organism.
- (2) Where the information specified in subregulation (1) (b) is not contained in the complete specification as lodged, it may be added to the complete specification in accordance with section 50 (1) (b) of the Act at any time before the date of publication in terms of section 42 of the Act or before coming open to public inspection in terms of section 43 (3) of the Act, whichever is the earlier.
- (3) The communication of the information provided for in subregulation (1) shall be considered as constituting the unreserved and irrevocable consent of the applicant to make the deposited culture available to the public in accordance with this regulation from the date contemplated in subregulation (2).
- (4) A sample of the deposited culture shall be furnished to any person (hereinafter referred to as the 'requesting party') from the date contemplated. in subregulation
 (2) provided that the requesting party makes a valid request therefor to the international depositary authority with which the culture is deposited.
- (5) A request for the furnishing of a sample of the deposited culture shall be valid if it is lodged on Form P23 as set out in Schedule 2 and the Registrar has certified on that form that a patent or patent application referring to the deposit of the culture has been published in terms of section 42 of the Act or has come open to public inspection in terms of section 43 (3) of the Act, as the case may be, and that the requesting party is entitled to the furnishing of a sample of the deposited culture.

- (6) (a) The Registrar shall not make the certification referred to in subregulation (5) unless the Registrar has received a request on Form P24 as set out in Schedule 2.
 - (b) The request shall contain an undertaking from the requesting party vis-à-vis the patentee that the requesting party shall not make the deposited culture, or any culture derived therefrom, available to any third party until the patent application has been abandoned or has lapsed, or until the patent ceases to have effect by way of expiration, revocation, voluntary surrender, or lapsing without the possibility of renewal in accordance with section 46 of the Act, as the case may be.
- (7) An undertaking given on Form P24 as set out in Schedule 2 in accordance with subregulation (6) shall not prevent the requesting party concerned from depositing with an international depositary authority a derived culture or the culture itself necessary for the purpose of complying with section 32 (6) of the Act
- (8) For the purpose of subregulation (6) or (7), a derived culture shall be deemed to be any culture of the micro-organism which exhibits those characteristics of the deposited culture which are essential to the carrying out of the invention described in the complete specification in which reference is made to the deposited culture.
- (9) Where the patentee is notified-
 - by the international depositary authority with which the culture of the microorganism has been deposited that the depositary institution is unable, for any reason, to furnish samples of the culture; or
 - (b) in writing by a requesting party that the depositary institution with which the culture of the micro-organism has been deposited is unable, for any reason, to satisfy a valid request by the requesting party for the furnishing of a sample of the culture,

and, if a culture of the micro-organism has not been transferred to or deposited with another international depositary authority from which samples of the culture can be furnished, the patentee shall, within a period of six months from the date on which he was so notified-

- make a new deposit of a culture of the micro-organism with the international depositary authority with which the original deposit was made;
- (ii) furnish to the international depositary authority with which the new deposit is made a statement alleging that the newly deposited culture is the same as that originally deposited; and
- (iii) apply to substitute, in the complete specification of the patent, in accordance with section 50 (1) (b) of the Act, the accession number given to the new deposit and, where applicable, the name of the international depositary authority with which the new deposit has been made.
- (10) Where the patentee has been notified in terms of subregulation (9) by a requesting party, the patentee shall, within two months of complying with subregulation (9) (i) to (iii), inform the requesting party of the accession number of the new deposit and, where applicable, the name of the international depositary authority with which the new deposit has been made.

(11) On compliance with the provisions of subregulations (1) and (2) and, where applicable, subregulation (9), the complete specification shall be deemed fully to describe and ascertain the invention and the manner in which it is to be performed in so far as the relevant micro-organism is concerned.

29. Title

The title of an invention shall be as short and specific as possible and shall be descriptive of the nature of the invention claimed. Words such as 'improved', 'relating to' and the like shall not appear in the title.

30. Claims

Each category of claims (product, process, apparatus, use and the like) shall as far as practicable, be arranged in order of decreasing scope.

31. Abstract

The abstract on Form P8 shall be that of the technical disclosure contained in the complete specification, but shall not be used to interpret the scope of the claims. It shall be in narrative form and generally limited to a single paragraph of not more than 150 words. The form and phraseology of patent claims shall be avoided. Features mentioned in the abstract and illustrated in the drawing chosen therefor may be followed by the reference sign used in that drawing.

32. Drawings in a provisional specification

Drawings accompanying a provisional specification shall be capable of reproduction by photocopy or reprography.

33. Declaration

Form P3 shall be lodged within six months of the lodging of any application or within such further time as the registrar may on request allow.

34. Application for a patent of addition

An application in terms of section 39 (1) for a patent of addition shall be made on Form P1 and shall be accompanied by a complete specification.

- 35. A request for the revocation of an independent patent and the grant of a patent of addition in terms of section 39 (3) shall be made on Form P4 and shall be accompanied by Form P1 and the letters patent of the independent patent.
- 36. The complete specification of an application for a patent of addition shall set out the relationship between the invention described or claimed in it and that described or claimed in the complete specification of the main invention.

37. Application to amend, or to lodge a fresh application

- (1) A fresh application under section 37 shall be made on Form P1 accompanied by a complete specification and a request for ante-dating on Form P4.
- (2) An application under section 38 (1) to change a complete specification to a provisional specification shall be made on Form P4.
- (3) An application for the post-dating of a application referred to in section 38 (2) shall be made on Form P4.

38. Late lodging of documents

A document which did not accompany an application in terms of regulation 22 (1) shall be lodged on Form P5.

39. Requests and applications to the registrar

Unless otherwise provided, any request or application to the registrar shall be made on Form P4 in duplicate quoting the section of the Act or the regulation or both under which relief is sought and shall set out the relief claimed. The duplicate of the form shall be returned to the applicant or his agent.

40. Examination

Any application accompanied by a provisional specification shall be examined to ensure that the documents lodged are legible and capable of reproduction.

- 41. The registrar shall examine the application accompanied by a complete specification in order to ensure that it complies with the prescribed formalities.
- 42. The applicant shall remedy any defect or comply with any direction under regulation 18, 22 (2), 40 or 41 within a period of three months or, subject to the provisions of section 40 of the Act, within such further period as the registrar may on request allow.
- 43. If an applicant fails to comply with a direction under regulation 42 within the prescribed time or any extension thereof, the application may be treated as being abandoned and the applicant may request the return of the documents on Form P4, provided that such documents do not relate to documents which are open to public inspection in terms of section 43 (3) of the Act.

44. Acceptance

As soon as the registrar is satisfied that an application accompanied by a complete specification complies with the requirements of the Act, and unless there has been a request to delay acceptance, he may accept the application and give written notice thereof which shall be accompanied by Form P8.

45. Subject to the provisions of section 40 of the Act, an applicant may request the registrar to delay acceptance of the application to a date not later than 18 months from the date of application. If he desires that the acceptance be withdrawn he shall apply on Form P4

46. Publication of acceptance

When notice of acceptance of an application has been given by the registrar, the applicant shall advertise the acceptance in the journal within three months of such acceptance or within such further time as the registrar may allow on request on Form P4.

46A. Particulars of search reports

- (1) An application in terms of section 43 (4) (a) for the patentee to supply the applicant with the prescribed particulars of any search report issued in another country shall be made on Form P4 in triplicate.
- (2) The Registrar shall forward one copy of Form P4 to the patentee at the patentee's address for service and shall return a further copy to the applicant as receipt of the application.

- (3) The prescribed particulars referred to in section 43 (4) (a) shall be the full details required to identify all documents cited in a search report in respect of a patent application relating to the same subject matter lodged in another country.
- (4) An application in terms of section 43 (4) (c) shall be initiated by way of a notice of motion.

47. Sealing of a patent

A patent shall be sealed on the date of publication in the journal, in the form set out in Schedule 5 to these regulations or in such modified form as the registrar may direct.

48. Renewals

- (1) If it is desired, at the date of sealing or at the expiration of the third year from the date referred to in section 46 (1) of the Act, whichever is the latter, or at the expiration of any succeeding year during the term of the patent, to keep the patent in force, the renewal fees set out in item 8 of the Schedule 1 shall be paid by lodging Form P10 before the expiration of that year.
- (2) All or any of the renewal fees may be paid in advance.
- (3) A request for an extension of time to pay a renewal fee shall be made on Form P10, which should indicate the reason for the late payment of such fee.

49. Restoration

An application under section 47 of the Act for the restoration of a patent which has lapsed through non-payment of renewal fees shall be made by way of an ex parte application to the registrar in a form as near as possible to the form used for notice of motion proceedings.

- 50. If the registrar is satisfied that a prima facie case has been made out, he shall advertise the application once in the journal.
- 51. At any time within two months of date of the advertisement of the application any person may oppose the restoration of the patent in terms of Chapter III of these regulations.

52. Amendment of specifications

- (1) An application to amend a provisional specification shall be made on Form P11.
- (2) An application to amend a complete specification shall be made on Form P12 or P13, as the case may be, and a supplementary disclosure, if any, shall be made on Form P14.
- 53. If the registrar is satisfied that an application on Form P13 is in compliance with the Act, he may direct the patentee to advertise the amendment once in the journal. An application so advertised may be opposed within two months of the date of such advertisement in terms of Chapter III of these regulations.

54. Opposition proceedings before the registrar

Any person who has been notified of a proposed action by the registrar and who opposes such action or who opposes any such action advertised in the journal in regard to a matter to be determined by the registrar shall do so within two months of dispatch of such notification to him or within two months from the date of the relevant advertisement in the journal.

- 55. Such opposition shall be lodged on Form P15, which shall, if necessary, be accompanied by any documents to be relied upon and, if any other party is involved in the matter, copies of Form P15 and the documents shall be served upon him and proof of service furnished to the satisfaction of the registrar.
- 56. Any person who may wish to become a party to the proceedings may, within two months of the date of the notification or date advertisement in the journal or within any such extended period as may be allowed by the registrar file a reply on Form P15, accompanied by the relevant documents. Form P15 and the relevant documents shall be served on the other party in the matter and proof of service furnished to the satisfaction of the registrar.
- 57. When a reply has been filed or the period for filing thereof has expired and a reply has not been filed, the registrar may appoint a time and date for himself to determine the matter and notify the parties of the time and date thus appointed.

58. Title to and interest in inventions, patent applications and patents

An application for the recording of an assignment shall be made in duplicate on Form P16 accompanied by proof of title of such assignment.

- 59. Any such application shall be made within six months of the event entitling the applicant to request a recording: Provided that the registrar may extend this time limit if so requested on Form P4, and on payment of the fee prescribed in item 4(r) of Schedule 1.
- 60. A warrant or writ of execution or an attachment order in respect of a patent application or a patent shall be served at the address for service of the applicant or the patentee and a copy shall be lodged with the registrar on Form P16 for recording in the register.
- 61. An entry of any attachment may be removed from the register on a request made to the registrar on Form P4.
- 62. An application to record a licence against a patent shall be made on Form P16 within six months of the event entitling the recording of such licence, or within six months of the grant of the patent, if the licence agreement was before such grant: Provided that the registrar may extend this time limit on application on Form P4 and on payment of the fee prescribed in item 4 (r) of Schedule 1.
- 63. The recording of a licence may be cancelled on request to the registrar on Form P4 accompanied by proof, to the satisfaction of the registrar, that the licence has been cancelled or otherwise terminated.
- 64. (1) The hypothecation of a patent application shall be recorded in the register on application on Form P16 accompanied by the deed of hypothecation.
 - (2) The application shall also be served on the applicant or the patentee, as the case may be, and any other person recorded in the patent, and proof of service shall be furnished to the satisfaction of the registrar.
- 65. The recording of the hypothecation may be removed from the register on application to the registrar on Form P4, accompanied by such proof of the termination of the hypothecation as the registrar may require.

66. Endorsement or cancellation of endorsement on patent

An application for the endorsement or the cancellation of an endorsement of the words licences of right', in terms of sections 53 and 54 of the Act, shall be made on Form P4 within two months after the date giving rise to such endorsement or cancellation thereof.



67. Voluntary surrender of patent

An application for the surrender of a patent shall be made on Form P21.

CHAPTER IA

PROCEDURE IN THE PATENT OFFICE IN RELATION TO INTERNATIONAL APPLICATIONS (regs 67A-67I)

67A. International application lodged with the patent office as receiving office

For the purposes of section 43C (a), and subject to the provisions of rule 16bis of the regulations under the Patent Cooperation Treaty, the applicant shall pay to the patent office-

- (a) the transmittal fee specified in Schedule 1 to these regulations within one month of the date on which the international application was lodged; and
- (b) the international fee and the search fee specified in rules 15 and 16, respectively, of the regulations under the Patent Cooperation Treaty within the time limits specified therein.

67B. National phase entry form

- (1) The national fee prescribed in section 43E (1) (a) shall be paid by the applicant on Form P25, in duplicate, one copy of which shall be returned by the Registrar to the applicant as proof of payment.
- (2) The translation referred to in section 43E (1) (b) shall be lodged within six months of the date of lodgement of form P25.
- (3) Within one month of complying with sections 43E (1) (a), the applicant shall lodge a form P2.
- (4) Within six months of complying with section 43E (1) (a), or within such further time as the Registrar may on request allow, the applicant shall lodge a form P3.

67C. Entering national phase under Chapter I of the Patent Cooperation Treaty

Where the Republic has not, before the expiration of 19 months from the priority date referred to in article 2 (xi) of the Patent Cooperation Treaty, been elected for the purposes of international preliminary examination-

- (a) the time limit applicable under article 22 of the Patent Cooperation Treaty, as referred to in section 43E (1), shall be 31 months from the priority date;
- (b) the contents of the translation referred to in section 43E (1) (b) shall include-
 - (i) the description;
 - the claims (if amended under article 19 of the Patent Cooperation Treaty, as so amended); and
 - (iii) any textual matter on the drawings, if any.

67D. Entering national phase under Chapter II of the Patent Cooperation Treaty

Where the Republic has, before the expiration of 19 months from the priority date referred to in article 2 (xi) of the Patent Cooperation Treaty, been elected for the purposes of international preliminary examination-

- the time limit applicable under article 39 of the Patent Cooperation Treaty, as referred to in section 43E (1), shall be 31 months from the priority date;
- (b) the contents of the translation referred to in section 43E (1) (a) shall include-
 - the description (if amended by any amendments annexed to the international preliminary examination report, as so amended);
 - the claims (if amended by any amendments annexed to that report, as so amended);
 - (iii) any textual matter on the drawings (if any and if amended by any amendments annexed to that report, as so amended).

67E Missing translation of an amendment

- (1) Where the applicant fails to file a translation of an amendment referred to in regulation 67C or 67D, the registrar shall request the applicant to furnish the missing translation within a time limit which shall be reasonable in the circumstances and which shall be fixed in the request.
- (2) [Reg. 67E (2) deleted by GN R567 of 23 April 2003] [Reg. 67E inserted by GN R250 of 26 February 1999]

67F. Appointment of agent

Regulations 9 and 10 shall apply to section 43F (3) (a) (ii) and the prescribed time referred to in section 43F (3) (a) (ii) shall be six months calculated from the date on which the applicant complies with the requirements of section 43E (1), or such further period as the registrar may on request allow.

67G. Convention application

- (1) Where the applicant has failed to comply with rule 17.1 of the regulations under the Patent Cooperation Treaty, the applicant shall lodge with the patent office a copy, certified to the satisfaction of the registrar, of the priority document within six months of the applicant complying with section 43E (1) or within such further period as the registrar may on request allow.
- (2) If the priority document is in a language other than English, a translation thereof into one of the official languages, verified to the satisfaction of the registrar, shall be lodged with the patent office within six months of the applicant complying with section 43E (1) or within such further period as the registrar may on request allow.

67H. Acceptance, publication and sealing

Subject to the provisions of section 40, when read with section 43F (h), sections 42 and 44 and regulations 44 and 47 shall apply mutatis mutandis to the national phase of an international application.

67I. Renewals

- (1) If a patent issues on an application filed in terms of section 43 three months or more before the expiration of 36 months from the international filing date, regulation 48 shall apply.
- (2) If a patent issues on an application after the expiration of 36 months from the international filing date or less than three months prior to such expiration date,

the patentee shall pay any renewal fees payable in terms of regulation 48 (1) within six months of the date of publication in terms of section 42 or such further period as the registrar may, in terms of the proviso to section 43 (2) and on compliance with regulation 48 (3), allow. Thereafter regulation 48 shall apply.

CHAPTER II

PATENT AGENTS AND PATENT ATTORNEYS (regs 68-75)

- 68. There shall be kept at the office a register wherein shall be entered the full names, business addresses and dates of registration of all patent agents and patent attorneys.
- 69. The register kept in terms of regulation 63 of the Patent Regulations, 1962, shall be deemed to form part of the register kept in terms of regulation 68.
- 70. An application to be registered as a patent agent or a patent attorney shall be made on Form P17 and shall be accompanied by evidence, to the satisfaction of the registrar, that the applicant is entitled to be so registered.
- 71. If the registrar is satisfied that the applicant is entitled to be registered, he shall enter his name on the register of patent agents and patent attorneys and issue a certificate to this effect.
- 72. (1) A request for the removal from the register of the name of a patent agent or a patent attorney in terms of section 23 (1) (a) of the Act shall be made on Form P18 and the applicant for removal shall provide proof to the satisfaction of the registrar that a copy of that form has been served on the South African Institute of Intellectual Property Law and on the law society concerned. If no objection is received from the Institute or the law society concerned within two weeks of the date of service of the copies on them, the registrar shall remove the name of the applicant from the register.
 - (2) If the South African Institute of Intellectual Property Law or the law society concerned, as the case may be, gives notice of its intention to be heard, it shall serve notice, together with any documents on which it intends to rely at the hearing, on the person concerned and on the registrar.
 - (3) The registrar shall appoint a time and date for the hearing and advise all parties concerned accordingly.
- 73. (1) An application by the registrar for the suspension from practice or the removal of the name of a person from the register of patent agents and patent attorneys in terms of sections 23 (1) (b) (i) and 23 (4) (a) of the Act shall be commenced by way of motion proceedings and copies of all relevant documents shall be served on the person concerned, the South African Institute of Intellectual Property Law and the law society concerned.
 - (2) An application by the South African Institute of Intellectual Property Law for the suspension from practice or the removal of the name of a person from the register of patent agents and patent attorneys in terms of sections 23 (1) (b) (ii) and 23 (4) (b) of the Act shall be made by way of motion proceedings and copies of all relevant documents shall be served on the registrar and the law society concerned.
 - (3) Thereafter, the procedure applicable shall be governed by the Uniform Rules of Court of the Supreme Court of South Africa, 1965.
- 74. (1) A patent agent or patent attorney whose name has been removed from the register or suspended from practice in terms of section 23 of the Act and who wishes to be employed, in terms of section 24 (4) of the Act, in any capacity

connected with the profession of a patent agent or patent attorney shall lodge an application on Form P4, which application shall be accompanied by the prescribed fee and by evidence on affidavit of the circumstances of the case and of the present character and behaviour of the person seeking to be employed. Such application shall be served on the South African Institute of Intellectual Property Law and the proof of such service shall be lodged with the registrar. If no objection is received from the Institute within one month of the service upon it of the application, the registrar may decide the matter in the absence of the Institute.

(2) An agent who wishes to employ, in terms of section 24 (5) of the Act, a patent agent or patent attorney whose name has been removed from the register or suspended from practice in terms of section 23 of the Act shall lodge an application on Form P4, which application shall be accompanied by the prescribed fee and by evidence on affidavit of the circumstances of the case and of the present character and behaviour of the person he wishes to employ. Such application shall be served on the South African Institute of Intellectual Property Law and the proof of such service shall be lodged with the registrar. If no objection is received from the Institute within one month of the service upon it of the application, the registrar may decide the matter in the absence of the Institute.

75. Attorneys entitled to practise as patent agents

An attorney who wishes to continue, after 1 January 1984, to have rights of representation, in terms of section 22 (1) of the Act, without having been registered as a patent attorney may apply to the registrar for an extension of such rights on Form P4. The application shall be accompanied by evidence on affidavit of his activities in the past five years in representing parties in matters or proceedings under the Act, and of his activities and preparation to become registered as a patent attorney, together with any other reasons for the extension of such rights. Proof of service of his application on the South African Institute of Intellectual Property Law and on the law society concerned shall be furnished to the registrar.

CHAPTER III

THE COURT OF THE COMMISSIONER OF PATENTS (regs 76-105)

- 76. Proceedings before the commissioner of patents may be initiated by way of-
 - (a) a notice of appeal;
 - (b) a notice of opposition;
 - (c) an application for revocation;
 - (d) an application for extension of term;
 - (e) a notice of motion;
 - (f) summons.
- 77. When any proceeding referred to in regulation 76 is initiated the registrar shall act as the registrar of the court of the commissioner of patents and shall open a separate file for that proceeding.

78. Reasons of registrar

When any person objects to any order or decision of the registrar he may, within one month of the date of the registrar's order or decision or such further time as the registrar

may allow, on Form P4 request the registrar to state in writing the grounds for his decision and the data used by him in arriving thereat. The date of such statement shall be deemed to be the date of the registrar's order or decision for the purpose of appeal.

79. Appeals to the commissioner

A notice of appeal shall be lodged with the registrar of the Court of the Commissioner of Patents and shall be served on the registrar and on any other party to the proceedings before the registrar, within two months of the statement referred to in regulation 78.

- 80. Any notice of appeal shall be accompanied by a copy of the reasons of the registrar under regulation 78 and shall be in accordance with Rule 49 (4) of the Uniform Rules of Court of the Supreme Court of South Africa, 1965.
- 81. The procedure on appeal shall, as far is practicable, be in accordance with the provisions governing appeals to the full Court of a Provincial Division of the Supreme Court from a single judge thereof: Provided that the record on appeal shall include the registrar's statement, documents (if any) containing data used by him and any other document which the appellant considers to be relevant. If the respondent considers any further document to be relevant, he may request the appellant to include such document in the record, and the appellant shall comply with such request.

82. Procedure on opposition

A notice of opposition in any matter in which opposition is allowed under the Act shall be made on Form P19 and shall be accompanied by a statement of particulars of the grounds on which the opposition is based and shall be duly filed and served.

- 83. Within two months of the filing and service of the notice of opposition the applicant shall file and serve a counterstatement in the form of a plea. If such counterstatement is not lodged within the said period or within such further period as the registrar may allow the application shall be deemed to be abandoned and the opponent may apply to the commissioner for an order as to costs.
- 84. Within two months of the lodging and service of the counterstatement the opponent shall file and serve his evidence in the form of an affidavit.
- 85. Within two months of the filing and service of the opponent's evidence the applicant may file and serve answering evidence in the form of an affidavit.
- 86. Within two months of the filing and service of the applicant's answering evidence the opponent may file and serve replying evidence, in the form of an affidavit, confined to matters strictly in reply.
- 87. (a) No further evidence shall be filed by either party except by leave or direction of the commissioner.
 - (b) All evidence shall be by affidavit unless otherwise directed by the commissioner.
- 88. Upon completion of the evidence the opponent or if he fails to do so within six weeks of such completion, the applicant may request a date for the hearing.

89. Application for revocation

An application for revocation shall be made on Form P20 and shall be accompanied by a statement of particulars of the grounds on which the application is based and shall be duly lodged and served.

90. (1) Within two months of the lodging and service of the application for revocation the patentee shall lodge and serve a counterstatement in the form of a plea. If a plea

is not lodged and served within two months of the application for revocation or within any extension of that period in terms of regulation 99, the patent shall be deemed to be revoked.

- (2) Within two months of the lodging and service of the counter-statement the applicant shall file and serve his evidence in the form of an affidavit.
- (3) Within two months of the filing and service of the applicant's evidence, the patentee may file and serve his answering evidence in the form of an affidavit.
- 91. Within two months of the filing and service of the patentee's answering evidence the applicant may file and serve replying evidence, in the form of an affidavit, confined to matters strictly in reply.
- No further evidence shall be filed by either party except by leave or direction of the commissioner.
- 93. All evidence shall be by affidavit unless otherwise directed by the commissioner.
- 94. Upon completion of the evidence the applicant, or if he fails to do so within six weeks of such completion, the opponent may request a date for the hearing.
- 94(A).If, by consent of the parties to an application for revocation, the patentee offers to surrender his patent or if the patent is deemed to have been revoked in terms of regulation 90 (1), the registrar, in deciding whether costs should be awarded to the applicant for revocation, shall consider whether the proceedings might have been avoided if the applicant had given reasonable notice to the patentee before the application was filed.

95. Notice of future proceedings

Any person may apply by lodging Form P22 in duplicate with the registrar for notice to be given to him of the taking of any action or proceedings in connection with a patent or patent application. As soon as possible after such action or proceeding is taken and, in the case of an application to make an entry, before such entry is made, the registrar shall give notice of such action or proceeding or entry to such person.

96. Application for compulsory licence

An application for a compulsory licence under section 55 or 56 (1) of the Act shall be brought by way of notice of motion and shall be served on the patentee and any other person who appears from the registrar to have an interest in the patent.

97. Notice of motion

In the case of proceedings initiated by way of notice of motion a party resident or incorporated outside the Republic shall have one month from the date of service of such notice on him within which to lodge and serve his notice of intention to oppose.

98. Proceedings for infringement

- (1) In any proceedings for infringement in which the plaintiff claims relief byway of damages or payment of an amount in lieu of damages, it shall be permissible for him to claim an enquiry as to the damages suffered by him as a result of the infringement and/or as to what is a reasonable royalty and payment of the amount found to be due to him.
- (2) A plaintiff claiming an enquiry in terms of subregulation (1) hereof need not when so claiming specify in his pleadings the amount of the damages allegedly suffered by him or the manner in which such damages are computed.

(3) In the event of an enquiry in terms of subregulation (1) being ordered and the parties being unable to reach agreement as to the further pleadings to be filed, discovery, inspection or other matters of procedure relating to the enquiry either or any party may make application to the commissioner for directions in regard thereto.

99. Time limits

Time limits specified may be extended by consent of the parties or, failing such consent, by the registrar on a request made to him.

100. Tariff of fees for proceedings before commissioner and registrar

The tariff of fees applicable to proceedings before the commissioner and the registrar shall be those applicable for the time being in a Provincial Division of the Supreme Court in terms of the Uniform Rules of Court of the Supreme Court of South Africa, 1965: Provided that-

- fees allowed to a patent agent or patent attorney may be allowed on the same scale as that allowed to junior counsel for work connected with appearances without counsel;
- (b) in allowing a fee in respect of perusal and drafting of complex technical documents, the registrar shall be entitled to increase the fees, at his discretion, by a percentage related to the technical complexities of any matter.

BIBLIOGRAPHICAL DATA

- 101. The numerical references used in patent documentation are set out in Schedule 3.
- 102. The international abbreviation used to designate convention countries are set out in Schedule 4.
- 103. On grant of a patent, a certificate will be issued in the form set out in Schedule 5.
- 104. The regulations promulgated under Government Notices 2650 of 17 November 1952, R632 of 1963, R1594 of 1964, R849 of 1964, R2122 of 1967 and R1698 of 1977 are hereby repealed.
- 105. These regulations shall be called the Patent Regulations, 1978, and shall come into operation on 1 January 1979.

Schedule 1

FEES

The following fees shall be paid in connection with applications, registrations and other matters under the Act. Such fees must in all cases be paid before or at the time of doing the matter in respect of which they are to be paid:

Item No.	Description	Corresponding forms	Fees
1.	Application for a patent accompanied by a provisional specification in terms of section 30 (1) [regulation 22 (1) (a) and (e)]	1 and 6	R 60
2.	Application for a patent accompanied by a complete specification in terms section 30 (1) [regulation 22 (1) (a) and (e)]	1, 7 and 8	590
3.	Late claiming of priority in terms of proviso (i) of section 31 (1), per month or part thereof (regulations 23 to 25)		50
4.	Request to Registrar:		
	(a) To inspect the register and documents in terms of section 12	4	4
	Plus copies supplied of documents or particulars of register in terms of section 13, per page	4	1
	(b) Application to extend privileges of attorney in terms of section 22 [regulation 75]	4	145
	(c) Application by a patent attorney who has been suspended or whose name has been from the register in terms of section 24 (4) and (5) [regulation 74]	4	14
	(d) Application to claim priority in terms of section 30 (7) [regulation 39]	4	550
	(e) Application to amend or to lodge a fresh application in terms of section 37 [regulation 37]	4	50
	(f) Change of complete specification into a provisional specification in terms of section 38 (1) [regulation 37 (2)]	4	50
	(g) Post-dating of application in terms of section 38 (2) [regulation 37 (3)]	4	50
	(h) Application for revocation of independent patent and granting of patent of addition as independent patent in terms of section 39 (3) [regulation 35]	4	90
	(i) Application for extension of time of acceptance of a complete specification in		

	terms of proviso to section 40 [regulations 42		
	and 45]: (i) Up to end of 18 months	4	50
	(ii) Thereafter per month or part thereof (not exceeding three months)	4	50
	(iii) After 21 months (per month or part thereof)	4	145
	(j) Application for the return of lapsed application in terms of section 41 [regulation 43]	4	50
	(k) Application to extend period for publication of acceptance in terms of section 42 (3) [regulation 46]	4	90
	Thereafter, per month or part thereof	4	50
	(I) Application for correction of clerical errors and amendment of documents in terms of section 50 [regulation 11]	4	90
	(m) Application to rectify register in terms of section 52 [regulation	4	90
	(n) Endorsement or cancellation of endorsement in terms of section 53 and 54 (1) and (3) [regulations 63 and 66]	4	90
	(o) Change of address for service in terms of section 87 (2) [regulation 10]	4	20
	(p) Cancellation of notice of hypothecation in terms of section 60 (3)	4	50
	(q) Reasons by Registrar [regulation 78]	4	245
	(r) Any other request not provided for	4	26
5.	Late lodgement of documents in terms of sections 30 (6) and 32 [regulations 22, 31 and 38]	5 and 8	50
6.			
7.	Application for the extension of the period for payment of renewal fees in terms of section 46 (2) [regulation 48 (3)] (a) Thereafter, for each month or part thereof		
	(not exceeding five)	10	90
	(b) On application to restore lapsed patent in terms of section 47 (1) [regulation 49] Notice of Motion	50	
	(c) After restoration, payment of unpaid renewal fees in terms of section 47 (5)	10	286
8.	Renewal fees in terms of section 46 (1) [regulation 48 (1)]:		

	(a) (i)	Before expiration of the third year	10	130			
	(ii)	Before expiration of the fourth year	10	130			
	(iii)	Before expiration of the fifth year	10	130			
	(iv)	Before expiration of the sixth year	10	85			
	(v)	Before expiration of the seventh year	10	85			
	(vi)	Before expiration of the eighth year	10	100			
	(vii)	Before expiration of the ninth year	10	100			
	(viii)	Before expiration of the tenth year	10	120			
	(ix)	Before expiration of the eleventh year	10	120			
	(x)	Before expiration of the twelfth year	10	145			
	(x)	Before expiration of the thirteenth year	10	145			
	(xi)	Before expiration of the fourteenth year	10	164			
	(xiii)	Before expiration of the fifteenth year	10	164			
	(xiv)	Before expiration of the sixteenth year	10	181			
	(xv)	Before expiation of the seventeenth year	10	181			
	(xv)	Before expiration of the eighteenth year	10	206			
	(xvi)	Before expiration of the nineteenth year	10	206			
	terms of section	tents endorsed 'licences of right' in on 53 (2) (d) on the same basis as in or part thereof)	10	50			
9.		amend a provisional specification in n 5 (1) [regulation 52 (1)]	11	70			
10.	Application to amend a complete specification before open to public inspection in terms of section 51 (1) [regulation 52 (2)]						
11.	Application to amend a complete specification after open to public inspection terms of section 51 (1) [regulation 52 (2) and (3)]						
12.		make a supplementary disclosure in a ation in terms of section 51 (8)	14	50			
13.	Opposition in	proceedings before the Registrar	15	90			

	[regulations 64, 55 and 56]		
14.	Application to record a transaction affecting the rights in a patent application or patent (licences, assignments, hypothecation) in terms of sections 55, 56 and 60 [regulations 58 to 60, 62 and 64 (1)]	16	70
		-	
	(a) For first application	16	70
	(b) For second and subsequent applications	16	26
15.	Application to be registered as a patent agent or a patent attorney in terms of section 20	17	206
16.	Request for removal from the register of the name of a patent agent or patent attorney in terms of section 23 [regulation 72]	18	90
17.	(a) Notice of opposition in terms of regulation 82]	19	206
	(b) Application for revocation in terms of section 61 [regulation 89]	20	206
18.	Application for the voluntary surrender of a patent in terms of section 64 (1) [regulation 67]	21	50
19.	Notice of future proceedings [regulation 95]	22	120
20.	To inspect any file, document or register	-	4
21.	Reprographic copies of documents, per page	-	1
22.	Certification of reprographic extracts from register or documents in terms of section 13 (per document)	-	25
23.	Request for a certificate from the registrar authorising the release of a sample from a depositary institution in terms of section 32 (6) [regulation 28A (6)]	24	100
24.	Transmittal fee in terms of section 43C [regulation 67A (a)]		500
25.	International fees in terms of section 43D [regulation 67A (B)] [Item 25 substituted by GN 721 of 29 May 2003]		
26.	Search fee in terms of section 43D [regulation 67A (B)]		
	[Item 26 substituted by GN 721 of 29 May 2003, by GN 963 of 2 July 2003 and by GenN 235 of 20 February 2004]		
	Basic Fee: Supplement per sheet over 30		ZAR 3,580 ZAR 80
	Designation Fee:		ZAR 780
	PCT-EASY reduction		ZAR1,100
	Search fee		

	(i) European Patent Office (EPO)		EUR 945 = ZAR 8,760
	(ii) Australia Patent Office (AU)		AUD 1,000 = ZAR 4,700
	(i) United States Patent and Trademark Office [Item inserted by GenN 235 of 20 February 2004]		USD 1,000 = ZAR 7,300
27.	Fee for priority document, if applicable		200
28.	National fee in terms of section 43E (1) (a) [regulation 67B]	P25	266
		(ii) Australia Patent Office (AU) (i) United States Patent and Trademark Office [Item inserted by GenN 235 of 20 February 2004] 27. Fee for priority document, if applicable 28. National fee in terms of section 43E (1) (a)	(ii) Australia Patent Office (AU) (i) United States Patent and Trademark Office [Item inserted by GenN 235 of 20 February 2004] 27. Fee for priority document, if applicable 28. National fee in terms of section 43E (1) (a) P25



Schedule 2 FORMS

Form P1

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION FOR A PATENT AND ACKNOWLEDGEMENT OF RECEIPT (Section 30 (1) - Regulation 22) (See NOTES overleaf)

Official date stamp

The granting of a patent is hereby requested by the under-mentioned applicant on the basis of the present application filed in duplicate.

(i) Official Application No. Applicant's or agent's reference 21 01 (ii) 71 Full name(s) of applicant(s) (iii) Address(es) of applicant(s) 54 Title of invention (v) The applicant claims priority as set out on the accompanying form P2. The earliest priority claimed is (Country), (Number), (Date). This application is for a patent of addition to Patent Application No. 21 01 (vii) This application is a fresh application in terms of section 01 37 and is based on Application No. (viii) This application is accompanied by: A single copy of a provisional or two copies of a complete specification of pages. 2. Drawings of sheets. Publication particulars and abstract (Form P8 in duplicate). 3. 4. A copy of Figure of the drawings (if any) for the abstract. 5. An assignment of the invention. Certified priority documents (state number) 6. 7. Translation of the priority documents An assignment of the priority rights. 8. 9. A copy of Form P2 and the specification of SA Patent Application 01

No.

	10.	A declaration and power of attorney on Form P3.
	11.	Request for ante-dating on Form P4.
	12.	
(ix)		
74	Addı	ress for service:
Dat	ed th	is 19 1ate of
		Received
		Official date stamp
		Registrar of Patents

The duplicate will be returned to the applicant's address for service as proof of lodging but is not valid unless endorsed with official stamp.

Signature of applicant(s) or agent

NOTES

- (i) The reference should be given, if available.
- (ii) Furnish the applicant's name in full and, if the applicant is a body corporate other than a South African company, the nature and country of incorporation should be given.
- (iii) Where possible the street address of a natural person and the street address of the principal place of business of a corporation should be given.
- (iv) The attention of applicants is drawn to regulation 29.
- (v) Delete if not applicable.
- (vi) to (viii) Mark the relevant document with a cross in the appropriate block. The attention of applicants is drawn to regulations 34, 35, 36 and 37.
- (ix) Applicants are reminded that they must have an address for service in the Republic. If the address for service is that of a registered agent, the name of his firm and that of the city or town are all that are required.

General. - Fees are payable in terms of Schedule 1 to the regulations.



(To be lodged in duplicate)

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

REGISTER OF PATENTS

Official Application No.	Loc	Lodging date: Acceptance date Provisional)		
21 01	22			47			
International classification	Co	lging da mplete	te:	Grant	ed d	ate:	
51	23						
Full name(s) of applicant(s)/Patentee(s)							
71							
Applicant's substituted					Da	te regi	stered
71							
Assignee(s)					Da	te reni	stered
71					Da	to regi	Stored
·							
Full name(s) of inventor(s)							
72							
Priority claimed	Col	untry		Numb	or	Date	
Filonty claimed	33	l l		31	CI	32	
	33			31		32	
	33			31		32	
Title of invention		1					
54	ı						
Address of applicant(s)/patentee(s)							
Address for service							
74							
Patent of addition No.	Dat	e of any change					
61	1						
Fresh application based on	Dat	e of any change					

Amendments and rectifications, etc.							
Document	Date of	Advertisement	Opposition	Allowance or	Date of latter		
	application	tion date date		refusal			



Proceedings before the commissioner of patents				Appeals to Date		
Nature	Taken by	Against	Date commenced	Date of order	Supreme Court TPD/AD	withdrawn

			Licence	es, attachm	nents and hyp	othecation	S	
Nature		In favour o	f		Date registered		Date cancelled	
Renewal	S		Resto	rations				
Year	Date	Receipt	Penalty	Date	Advertised	Opposed	Restored	Date of
	paid			applied			by	restoration
	paid			for			l by	Tooloration
				101				
				Remarks	: (for office u	se only)		



REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

DECLARATION AND POWER OF ATTORNEY (Section 30 - Regulations 8, 22 (1) (c) and 33)

I/We,	
	hereby declare
that-	
1.	I/We am/are the applicant(s) mentioned above;
2.	I/We have been authorised by the applicant(s) to make this
	declaration and have knowledge of the facts herein stated in the capacity of
	of the applicant(s);
3.	the inventor(s) of the above-mentioned invention is/are the person(s) named
	above and the applicants(s) has/have acquired the right to apply by virtue of
4.	to best of my/our knowledge and belief, if a patent is granted on the
	application, there will be no lawful ground for the revocation of the patent;
5.	this is a convention application and the earliest application from which priority
	is claimed as set out above is the first application in a convention country in
	respect of the invention claimed in any of the claims; and
6.	the partners and qualified staff of the firm of patent
	attorneys/patent agents, have been authorised, jointly and severally, with
	powers of substitution and revocation, to represent the applicant(s) in this
	application and to be the address for service of the applicant(s) while the
	application is pending and after a patent has been granted on the application.
Signed at	thisday of 19
3	,
	Signature



(To be lodged in duplicate)

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION OR REQUEST TO THE REGISTRAR (Regulation 39)

Fees payable in terms of Schedule I of the Regulations Official date stamp

Patent/Application No. 21 01				
In the name of:				
In terms of section				
of the Fateric Regulations, the applicant horsely requeste the remain	g.			
Documents, if any, lodged in support of the request:				
Documents, if any, louged in support of the request.				
Signature of applicant or agent				
FOR OFFICIAL USE ONLY				
	Official date stamp			
The above application or request is hereby allowed/refused.	Omciai date stamp			
Reasons for refusal or conditions of allowance, if any:	Registrar or Patents			



(To be lodged in duplicate)

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

LATE LODGING OF DOCUMENTS (Section 30 (6) - Regulation 38)

	(Section 30 (6) - Regula	ation 38)			
		R5 Official date stamp			
Official application No.	Lodging date	Applicant's or agents reference			
21 01	22				
Full name(s) of applicants(s) 71					
Address for service 74					
The following documents not registrar are hereby submitted		olication as lodged or required by the			
2. Formal drawing. 3. Publication particular A copy of Figure Company And A copy of Figure Company And A copy of Figure Company And A copy of Form P2	ocuments. rity documents priority rights. and the specification of power of attorney on for	S.A. Patent Application			
Dated this	day of	, 19			
		Signature of applicant(s) or agents			
		For official use only			
		Date stamp of patent office			
Acknowledgement of late lodging of documents					
Registrar of Patents					



REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

PROVISIONAL SPECIFICATION [Section 30 (1) – Regulation 27]

Official application No.	Lodging date
21 01	22
<u> </u>	
Full name(s) of applicant(s)	
71	
Full name(s) of inventor(s)	
72	
·	
Title of invention	
54	



(To be lodged in duplicate)

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

COMPLETE SPECIFICATION (Section 30 (1) - Regulation 28)

Official application No.	Lodging date
21 01	22
	_
International classification	
51	
	1
Full name(s) of applicant(s)	
71	
	1
Full name(s) of inventor(s)	
72	
	_
Title of invention	
54	



(To be lodged in duplicate)

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

PUBLICATION PARTICULARS AND ABSTRACT (Section 32 (3) (a) - Regulations 22 (1) (g) and 31)

Official a	applicat	ion N	0.	Lodg	ging date		Acc	eptance date
21 01				22			43	
Internati	onal cla	sifica	ition			Not for publication		
51						Classified by:		
Full nam	ne(s) of	applio	cant(s)					
71	()	•	· /	1				
Full nam	ne(s) of	inven	tor(s)					
72	. ,		,	ı				
Earliest priority		Country		Number		Da	te	
			-		04			
claimed		33			31		32	
<u> </u>								
Title of i	nventio	า						
54								
57	Abstra	ct (nc	t more tha	n 150	7 -	Number of objects		
	words)					Number of sheets		



Form P9 [Form P9 deleted by GNR.250 of 1999.]



(To be lodged in duplicate)

REPUBLIC OF SOUTH AFRICA

Official date stamp

PATENTS ACT, 1978

PAYMENT AND CERTIFICATE OF RENEWAL (including a request for extension)

(Section 46 - Regulation 48)

Official application No.	Renewal date	Applicant's or agent's					
04 04		reference					
21 01	22	43					
Full name(a) of natanta	2(2)						
Full name(s) of patente	3(S)						
71	_						
Address for service							
74	L						
I forward herewith the u	nder-mentioned amounts mark	ked X.					
		of a renewal fee is hereby paid to keep					
	the above patent in force for another period ofyear(s) with effect from the						
	above-mentioned renewal date						
		aid and you are requested to grant an					
	on of month/s for the pa						
3. The amo	unt of R In respect of out	standing annual fees after restoration of					
paterit							
Dated this da	ay of	, 20					
		Signature					
	FOR OFFICIAL USE	ONLY					
	TOR OFFICIAL USE	ONET					
Receipt of the above amount/s is hereby acknowledged and by Receipt N							
	ayment the rights of the patent						
The request for	extension of time is hereby gra	anted/ refused.					
		Official date stamp					
		Registrar or Patents					
Note: For novelle le	towns of Coloradula Lta (In Day						
Note.— Fee payable in	terms of Schedule I to the Rec	dulations.					

General.—The duplicate will be returned but is not valid unless endorsed with the official stamp.



REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION TO AMEND A PROVISIONAL SPECIFICATION (Section 51 (1) – Regulation 52 (1))

R5 Official date stamp

Official application No.	Lodging date	Applicant's or agent's reference
21 01	22	
Full name(s) of applicant(s)		
71		
<u> </u>		
Address for service		
74		
En C		
Title of invention		
54		
	s to the provisional specifica	
application as shown on the at	tached relevant pages of that sp	ecification.
Dated this	day of 20.	
Dated tills	day 01 20.	
		Signature



REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION TO AMEND A COMPLETE SPECIFICATION NOT OPEN TO PUBLIC INSPECTION

(Section 51 (1) - Regulation 52 (2))

R5 Official date stamp

Offic	ial application No.	Loc	dging date	Agent's reference
21	01	22		
			,	
	name(s) of applicant(s)			
71				
			1	
	ess for service			
74				
			1	
	of invention			
54				
			nend the complete specification direlevant pages of that specific	
The	full reasons for making the	ame	ndment are as follows:	
Date	d this		day of	20
			 Si	gnature of agent



REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION TO AMEND A COMPLETE SPECIFICATION OPEN TO PUBLIC INSPECTION

(Section 51 (1) - Regulation 52 (2)) R20 Official date stamp Official Lodging date Agent's reference application No. 21 01 22 Full name(s) of patentee Address for service 74 Title of invention 54 The patentee hereby applies to amend the complete specification of the above patent as shown on the attached relevant pages of the specification. The full reasons for making the amendment are as follows: Signature of agent



REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

SUPPLEMENTARY DISCLOSURE (Section 51 (8) - Regulation 52 (2))

Official date stamp

Offic	cial a	pplication No.	Loc	lging date	Acce	eptance date
21	01		22		43	
		I				
Full	nam	e(s) of applicant(s)				
71						
Add	ress	for service				
74						
Title	of ir	nvention				
54						
				ove specification. The attache		
		ay fairly be associated	tiw t	h the matter described in the	spec	ulation as previously
fram	ned.					
		41.5				40
Date	ed at	this	•••••	day of		19
				Signature of applic	·······) or agent
				Signature or applic	ant(5	or agent.



REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

OPPOSITION PROCEEDINGS BEFORE THE REGISTRAR (Section 50 (3) and 52 - Regulations 54-56)

Patent/Application No.		Reference No.	
Full name(s) of applicant(s)			
Full name of applicant(s)			
Nature of proceedings			
Grounds for opposition			
Documents lodged in support			
	-		
74 Address for service			
Dated at,	this	day of20	

^{*} Any documents in support should be annexed hereto.



(To be lodged in duplicate)

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION TO RECORD A TRANSACTION IN A PATENT APPLICATION OR A PATENT

(Sections 10 (2) and 60 - Regulations 58-60, 62 and 64 (1))

R7,50 Official date stamp

Patent/Application No.	Reference No.
21 01	
Full name(s) of applicant(s)	
71	
Title of invention	
4	
Section of act under which recording is required	S
-	
Nature of transaction	
Documents lodged in support	
3 11	
74 Address for somice	
74 Address for service	
Dated at, this	day of
	Signature



REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION TO BE REGISTERED AS A PATENT AGENT OR A PATENT ATTORNEY (Section 20 - Regulation 70)

		R25
		Official date stamp
Full name of	applicant:	
Full business	address of applicant:	
Full residentia	al address of applicant:	
	and a coo or approxim	
Date of birth	of applicant:	
Nationality of	applicant:	
,		
Date of admis	ssion as an attorney:	
D-44	and but he had a fauth a managetic and accoming ti	and in Laws
Date of certifi	cate by the board for the recognition of examination	ons in law:
Date of regist	ration as a patent agent:	
Date of certifi	cate by the Patent Examination Board:	
Degistration	anught on Datant Agent Datant Attorney	
Registrations	sought as: Patent Agent, Patent Attorney:	
I, the above a	applicant, hereby solomnly and sincerely declare	that-
(a)	the information given herein is to the best of my	v knowledge and belief correct:
(b)	I know of no reason or impediment why I sh	
(-)	office set out above and there are no discipl	inary proceedings or enquiries
	pending against me by the South African Insitu	ute of Intellectual Property Law
	or by any law society;	
(c)	I undertake to uphold the dignity and reputation	
	seek to be registered and to discharge faithful	
	courtesy any duties which I may undertake favour, fear or prejudice; and	on benair of a client, without
(d)	I undertake that in my dealings as an officer of	the Court of the Commissioner
(u)	of Patents and with the Patent Office and a	
	diligent and honest and that I shall not counte	
	and bring into dispute my profession, the Court	
5		40
Declared at	this day of	
		Signature



R10

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

REQUEST FOR REMOVAL FROM THE REGISTER OF PATENT AGENTS AND PATENTS' ATTORNEYS

(Section 23 - Regulation 72)

	Official date stamp
Full name of applicant:	
Full address of applicant:	
Date of registration:	
Date of regionation.	
Registered as:	
I, the above mentioned applicant, hereby request in terms of be removed from the above register, and	of section 23 (1) (a) that my name
I hereby declare that no disciplinary enquiry or proceeding South African Institute of Intellectual Property Law or any why I seek to have my name removed from the register are	law society and that the reasons
Declared at this day of	19
	Signature
Received copy hereof this day of	19
S.A. Institute o	f Intellectual Property Law
Received copy hereof this day of	19
	Law Society



REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

IN THE COURT OF THE COMMISSIONER OF PATENTS

NOTICE OF OPPOSITION (Regulation 82)

R20 Official date stamp

Full name of applicant		
Full names of opposer		
Relevant application or Patent	No.: 21 01	
Nature of proceedings	Section	Regulation
1 0	I	1 0
Relief sought		
Grounds for opposition		
Dated at	this day	of 20
		Opposer or his agent



Application for revocation REPUBLIC OF SOUTH AFRICA PATENTS ACT, 1978 (Section 61 - Regulation 89) IN THE COURT OF THE COMMISSIONER OF PATENTS

R20 Official date stamp

Full name of applicant	
Full names of patentee	
Patent No.:	21 01
Grounds for revocation	
Dated at this	day of 20
	Applicant or his agent



REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

APPLICATION FOR THE VOLUNTARY SURRENDER OF A PATENT (Section 64 (1) - Regulation 67)

R20 Official date stamp

	<u> </u>
Patent No.	Lodging data
21 01	Lodging date 22
21 01	22
Full name(s) of patentee(s)	1
71	
71	
Full address(es) of patentee(s)	
l un address(es) et paternes (e)	
Title of invention	
54	
I/We,	
hereby declare that—	and Committee and the committee of the c
1. I/We am/are the patentee(s)	
	ler the above-mentioned patent; or proceedings for revocation of the patent are pending;
and	or proceedings for revocation of the patent are pending,
	his offer are as follows
y/our rouserie rei maning i	
74 Address for service	
Dated this	day of 20
	Signature
	Signature



(To be lodged in duplicate)

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

R10 Official date stamp

APPLICATION FOR NOTICE OR FUTURE PROCEEDINGS (Regulation 95)

Official Application No.	Lodging date	Applicant's or agent's			
		reference			
21 01 22					
Full_name(s) of applicant(s)					
71					
You are hereby requested to give me/us notice of the action or proceedings indicated hereunder in respect of the above letters patents/patent application.					
		complete specification. 3.			
* State matter(s) in respect of	which notice is desired.				
74 Address for service					
Dated thisday of					
	Sig	nature of applicant(s) or agent			
(To be completed by applicant)	-			
Patent/Application No.	A	Applicant's or agent's			
raterit/Application No.	<u>r</u>	eference			
Acknowledgement of receipt of application for notice of proceedings					
Dated Name and address for service.		Official date stamp			
		Registrar of Patent			



(To be completed in duplicate)

BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT OF MICROORGANISMS FOR THE PURPOSES OF PATENT PROCEDURE

REQUEST ¹
FOR THE FURNISHING OF SAMPLES
OF DEPOSITED MICROORGANISMS
[pursuant to Rule 11.3 (a)]

To:

Address:

NAME AND ADDRESS OF INTERNATIONAL DEPOSITARY AUTHORITY

THE UNDERSIGNED HEREBY REQUESTS THE FURNISHING OF A SAMPLE OF THE MICROORGANISM IDENTIFIED HEREUNDER, IN ACCORDANCE WITH THE RULE 11.3(a) OF THE REGULATIONS UNDER THE BUDAPEST TREATY

I. IDE	NTIFICATION OF THE MICROORGANIS	M		
Acces	ssion number of the deposit:			
	TENT APPLICATION OR PATENT REFE	RRING TO THE MICROORGANISM		
\Box^2	Patent application No.	filed on		
Ш		IIIeu on		
	Filed by (name, address):			
□ 2	Literal Application (DOT) No			
2	International Application (PCT) No.	 .		
	Filed by (name, address):	filed on		
п .				
2	Patent 3 No.	granted on		
	Granted to (name, address):			
	•			
1	The request must be sent to the competent i	industrial property office which, in conformity with its		
	•	it directly to the international depository authority or		
	send it back to the certified party for transmis			
	cond it back to the contined party for transmit	of the the international depository additionty.		
2	Mark with a cross the applicable box			
	man min a cross the applicable sex			
3	Reference to a "patent" shall be construed	as reference to patents for inventions, investors'		
		ls, patents or certificates of addition, investors'		
	certificates of addition, and utility certificates of			
	,			
III.	REQUEST FOR INFORMATION			
The u	ındersigned:			
	3			
\square^2 requests				
. 9 4.000.0				
□² does not request				
does not request				
an indication of the conditions which the international depositary authority employs for the				
cultivation and storage of the microorganism.				
IV.	CERTIFIED PARTY			
Name) :	Signature 4:		

Date:

- ² Mark with a cross the applicable box
- Where the signature is required on behalf of a legal entity, the typewritten name(s) of the natural person(s) signing on behalf of the legal entity should accompany the signature(s)

	CERTIFI	CATION
It is hereb	by certified that:	CATION
(1) <u></u>	the patent application specified u microorganism identified under I	nder II above, referring to the deposit of the above, has been filed with this Office for the matter involves the said microorganism or the
_2	a patent the State party to the Pa office is the 'designated Office' w	fied under II above, designates for the grant of atent Cooperation Treaty (PCT) for which this ithin the meaning of the said Treaty, and the cation involves the said microorganism or the
2	the patent specified under II above, identified under I above, has been involves the said microorganism or the	referring to the deposit of the microorganism granted by this Office and its subject matter ne use thereof
(2) \square 2	publication for the purpose of patent p	procedure has been effected
	□ ⁵ by this office	
	by the International Bureau of an international publication und	the World Intellectual Property Organization as der the Patent Cooperation Treaty (PCT)
☐ ²	the certified party has a right to a sa	mple before the publication in accordance with
(3) _ 2	above under the law governing pater	sample of the microorganism identified under I nt procedure before this Office is satisfied that the said law have actually been fulfilled
	consequence of the signature of the sample of the microorganism ident	gnature on a form before this Office and, as a ne said form, the conditions for furnishing a lified under I above to the certified party are not with the law governing patent procedure
	strar of Patents ican Patent Office	Signature ⁴ :
116 Proes Pretoria South Afr	s Street	Date:

- 2 Mark with a cross the applicable box
- If only one box applies, mark with a cross that box; if both boxes apply, mark with a cross one of the two boxes (choose one).
- 6 Cite the application provision of the law, including any court decision



REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

REQUEST FOR A CERTIFICATE FROM THE REGISTRAR AUTHORISING THE RELEASE OF A SAMPLE FROM A DEPOSITORY INSTITUTION (Section 32 (6) - Regulation 28A)

Official	l Pat	ent/Application No.	Lodging Da	ate	Reference
Full na	me(s	s) of patentee(s)/applica	ant(s)		
Full na	me c	of requesting party(ies)			
T dil Tidi		or requesting party(165)			
Addres	ss fo	r service of requesting	g party(ies)		
Title of	finve	ention			
l/We					
` '	nereb 1.	by declare that- I/We am/are the requ	ecting party/	ies) mentioned s	phove or
'	١.	i, we amale the requ	coming party(ics) memorica e	
					y(ies) to make this declaration
		requesting party(ies);			of the
2	2.	The micro-organism de	eposited at	io r	eferred to on page
					No; and
					t if a sample of the said micro- posited culture or any culture
					e patent application has been
а	aban	doned or has lapsed or	until the pat	ent ceases to ha	ave effect by way of expiration,
					the possibility of renewal in sundertaking shall not prevent
					uthority a derived culture or the
C	cultur	e itself necessary for the	ne purpose o	f complying with	section 32 (6) of the Act; and
(c) a	accor	dingly request that th	e attached	Form P23 be o	certified by the Registrar and
		arded to me/us.			oranica by and regional and
Ciano -	104		4L-!	_	lov of
Signed	าสเ		, tNI	S 0	lay of19
					Official date stamp
					Registrar of Patents
Signatu	ure o	f requesting party(ies)			



stamp.

Form P25

ENTRY OF INTERNATIONAL APPLICATION UNDER THE PATENT COOPERATION TREATY

INTO SOUTH AFRICAN NATIONAL PHASE AND ACKNOWLEDGEMENT OF RECEIPT (Section 42E (1) - Regulation 67B)

				Official Date Stamps
		ents Act, 1978 of the ur reby requested on the ba		ned international application orm filed in duplicate.
Official	Application No.		Applic	ant's or Agent's Reference
21 01	Т			
		·		
Internation	nal Application No.	International Filing Da	te Pi	riority Date
PCT/	/			
(iv)			•	
71 Full	Name(s) of Applican	t(s)		
(v)				
Address(e	es) of Applicant(s)			
	le of invention	denite (if any) as set as	مام ماله ما به	average time and intermediated
application		ionly (ii any) as set of	in the ab	ovementioned international
(vi)	 			
	cation is for a natent	of addition to patent app	olication No	
21 01	battori io for a paterit	or addition to paterit app	Diloation 140	·
(vii)				
\ /	e mentioned interna	tional application was f	iled in Eng	lish or has been published
	Patent Cooperation			nerr er mae been pabnenea
(viii)	<u> </u>	, ,		
	cation is accompanie	ed by:		
1.	Translation of the in	ternational application		
2.		cument(s) (state number)) (ix)	
3.		priority document(s)		
4.		P2 (particulars for the re		
5.	A declaration and po	ower of attorney on Forn		
6.			21	01
74 Addr	ess of Service:			
Dated this	da _'	y of		
0: .	(A !' (/) A			DECEIVED
Signature	of Applicant(s) or Ag	gent		RECEIVED Official date stamp
The duplic	cate will be returned	to the applicant's addres	es for sando	
		to the applicants address t valid unless endorsed		

Schedule 3

NUMERICAL REFERENCES USED ON PATENT DOCUMENTATION

- (10) Document identification
 - (11) Number of the document.
 - *(19) ICIREPAT country code, or other identification, of the country publishing the document.
- (20) Domestic filing date
 - (21) Number(s) assigned to the application(s).
 - (22) Date(s) of lodging application(s).
 - (23) Other date(s) of lodging including exhibition lodging date and date of lodging complete specification following provisional specification.
- (30) Convention priority data
 - (31) Number(s) assigned to priority application(s).
 - (32) Date(s) of lodging of priority application(s).
 - (33) Country (countries) in which priority application(s) was (were) lodged.
- (40) Date(s) of making available to the public
 - * (41) Date of making available to the public for inspection, or copying on request, an unexamined document on which no grant of patent has taken place on or before the said date.
 - * (42) Date of making available to the public for inspection, or copying on request, an examined document on which no grant of patent has taken place on or before the said date.
 - * (43) Date of publication by printing or similar process of an unexamined document on which no grant of patent 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 of patent has taken place on or before the said date.
 - * (45) Date of publication by printing or similar process of a document on which grant of patent has taken place on or before the said date.
 - (46) Date of publication by printing or similar process of the claim(s) only of a document.
 - * (47) Date of making available to the public by viewing or copying on request, a document on which grant of patent has taken place on or before the said date.
 - Minimum data element for documents only, the minimum date requirement being met by indicating the date of making available to the public the document concerned
- (50) Technical information
 - (51) International patent classification.
 - (52) Domestic or national classification.
 - (53) Universal decimal classification.
 - (54) Title of the invention.
 - (55) Keywords.
 - (56) List of prior art documents, if separate from descriptive text.
 - (57) Abstract or claim.
 - (58) Field of search.
- (60) Reference(s) to other legally related domestic document(s)
 - (61) Related by addition(s).
 - (62) Related by division(s).
 - (63) Related by continuation(s).
 - (64) Related by reissue(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.
 - * (73) Name(s) of grantee(s).
 - (74) Name(s) of attorney(s) or agent(s).
 - * (75) Name(s) of inventor(s) who is/are also applicant(s).



* (76) Name(s) of inventor(s) who is/are also applicant(s) and grantee(s).

* For documents on which grant has taken place on or before the date of making available to the public, and journal entries relating thereto, the minimum data requirement is met by indicating the grantee, and for other documents by indicating the applicant(s)



SCHEDULE 4

PART I

INTERNATIONAL ABBREVIATIONS OF CONVENTION COUNTRIES

Albania	AL	Laos	LA
Algeria	DZ	Latvia	LV
Argentina	AR	Lebanon	LB
Armenia	AM	Lesotho	LS
Australia	AU	Liberia	LR
Austria	AT	Libya	LY
Azerbaijan	AZ	Liechtenstein	LI
Bahamas	BS	Lithuania	LT
Bahrain	BH	Luxembourg	LU
Bangladesh	BD	Laxombourg	
Macedonia (former Yugoslav			MK
Barbados	BB	Madagascar	MG
Belarus	BY	Malawi	MW
	BE	Malaysia	MY
Belgium Benin	BJ	Mali	ML
Bolivia	BO	Malta	MT
Bosnia and Herzegovina	BA	Mauritania	MR
Botswana	BW	Mauritius	MU
Brazil	BR	Mexico	MX
Bulgaria_	BG	Moldova (Republic of)	MD
Burkina Faso	BF	Monaco	MC
Burundi	BI	Mongolia	MN
Cambodia	KH	Morocco	MA
Cameroon	CM	Mozambique	ΜZ
Canada	CA	Netherlands	NL
Central African Republic	CF	New Zealand	NΖ
Chad	TD	Nicaragua	NI
Chile	CL	Niger	NE
China	CN	Nigeria	NG
Columbia	CO	Norway	NO
Congo	CG	Panama	PΑ
Congo (Democratic Republic	of)		CD
Paraguay	PÝ		
Costa Rica	CR	Peru	PΕ
Côte d'Ivoire	CI	Philippines	PH
Croatia	HR	Poland	PL
Cuba	CU	Portugal	PT
Cyprus	CY	Romania	RO
Czech Republic	CZ	Russian Federation	RU
Denmark	DK	Rwanda	RW
Dominican Republic	DO	Saint Kitts and Nevis	KN
•	EG	Saint Lucia	LC
Egypt El Salvador	SV	Sairit Lucia	LC
			V/C
Saint Vincent & the Grenadii		Con Marina	VC
Equatorial Guinea	GQ	San Marino	SM
Estonia	EE	Sao Tome and Principe	ST
Finland	FI	Senegal	SN
France	FR	Sierra Leone	SL

Gabon Gambia	GA GM	Singapore Slovakia	SG SK
Georgia	GE	Slovenia	SI
Germany Ghana	DE GH	South Africa Spain	ZA ES
Greece	GR	Sri Lanka	LK
Grenada	GD	Sudan	SD
Guatemala	GT	Suriname	SR
Guinea	GN	Swaziland	SZ
Guinea-Bissau	GW	Sweden	SE
Guyana	GY	Switzerland	CH
Haiti	HT	Syria	SY
Holy See	VA	Tajikistan	TJ
Honduras	HN		
Tanzania (United Republic	of)		ΤZ
Hungary ` .	ΉU	Togo	TG
Iceland	IS	Trinidad and Tobago	TT
India	IN	Tunisia	TN
Indonesia	ID	Turkey	TR
Iran	IR	Uganda	UG
Iraq	IQ	Ukraine	UA
Ireland	IE	United Arab Emirates	ΑE
Israel	IL	United Kingdom	GB
Italy	IT	United States of America	US
Japan	JP	Uruguay	UY
Jordan	JO	Uzbekistan	UZ
Kazakhstan	KZ	Venezuela	VE
Kenya	KE	Vietnam	VN
Korea (Democratic People's	YU		KP
Yugoslavia	YU KR	Zambia	ZM
Korea (Republic of)	KG KG	Zambia Zimbabwe	ZW
Kyrgystan	NO	Zimbabwe	∠ v v

PART II

INTERNATIONAL ABBREVIATIONS OF CONVENTION COUNTRIES

AL	Albania	LA	Laos
DZ	Algeria	LV	Latvia
AR	Argentina	LB	Lebanon
AM	Armenia	LS	Lesotho
AU	Australia	LR	Liberia
AT	Austria	LY	Libya
AZ	Azerbaijan	LI	Liechtenstein
BS	Bahamas	LT	Lithuania
BH	Bahrain	LU	Luxembourg
BD	Bangladesh	MK	Macedonia (former
			Yugoslav Rebublic of)
BB	Barbados	MG	Madagascar
BY	Belarus	MW	Malawi
BE	Belgium	MY	Malasia
BJ	Benin	ML	Mali
ВО	Bolivia	MT	Malta
BA	Bosnia and Hertzegovina	MR	Mauritania
BW	Botswana	MU	Mauritius

BR	Brazil	MX	Mexico
BG	Bulgaria	MD	Moldova (Republic of)
BF	Burkina Faso	MC	Monaco
BI	Burundi	MN	Mongolia
			•
KH	Cambodia	MA	Morocco
CM	Cameroon	MZ	Mozambique
CA	Canada	NL	Netherlands
CF	Central African Empire	NZ	New Zealand
TD	Chad	NI	Nicaragua
CL	Chile	NE	Niger
CN	China	NG	Nigeria
CO	Columbia	NO	_
			Norway
CG	Congo	PA	Panama
CD	Congo (Democratic Republi	c of)	
PY	Paraguay		
CR	Costa Rica	PE	Peru
CI	Côte d;Ivoire	PH	Philippines
HR	Croatia	PL	Poland
		PT	
CU	Cuba		Portugal
CY	Cyprus	RO	Romania
CZ	Czech Republic	RU	Russian Federation
DK	Denmark	RW	Rwanda
DO	Dominican Republic	KN	Saint Kitts and Nevis
EG	Egypt ·	LC	Saint Lucia
SV	EL Salvador		
VC	Saint Vincent & the Grenadi	nec	
			Con Marina
GQ	Equatorial Guinea	SM	San Marino
EE	Estonia	ST	Sao Tome and Principe
FI	Finland	SN	Senegal
FR	France	SL	Sierre Leone
GA	Gabon	SG	Singapore
GM	Gambia	SK	Slovakia
GE	Georgia	SI	Slovenia
DE	Germany	ZA	South Africa
	•		
GH	Ghana	ES	Spain
GR	Greece	LK	Sri Lanke
GD	Grenada	SD	Sudan
GT	Guatemala	SR	Surinam
GN	Guinea	SZ	Swaziland
GW	Guinea-Bissau	SE	Sweden
GY	Guyana	CH	Switzerland
HT	Haiti	SY	Syria
		TJ	
VA	Holy See		Tajikistan
HN	Honduras	TZ	Tansania
HU	Hungary	TG	Togo
IS	Iceland	TT	Trinidad and Tobago
IN	India	TN	Tunisia
ID	Indonesia	TR	Turkey
IR	Iran (Islamic Republic of)	TM	Turkmenistan
IQ	• • • •	UG	
	Iraq		Uganda
IE 	Ireland	UK	Ukraine
IL	Israel	AE	United Arab Emirates
IT	Italy	GB	United Kingdom
JP	Japan	US	United States of Amer
JO	Jordan	UY	Uruguay
			5 ,



KZ	Kazakhstan	UZ	Uzbekistan
KE	Kenya	VE	Venezuela
KP	Korea (Democratic Peop	ole's Republic of)
VN	Vietnam		
KR	Korea (Republic of)	YU	Yugoslavia
KG	Kyrgyzstan	ZM	Zambia
7W	Zimbahwe		

PART III

INTERNATIONAL ABBREVIATIONS OF REGIONAL RECEIVING OFFICES

ARIPO Patent	(African Regional Industrial Property Organisation)
Eurasian Patent	(Eurasian Patent Convention)
European Patent	(European Patent Organisation)
OAPI Patent	(African Intellectual Property Organisation)
	Eurasian Patent European Patent



Schedule 5

CERTIFICATE

REPUBLIC COAT OF ARMS REPUBLIC OF SOUTH AFRICA PATENTS ACT, 1978

In accordance with section 44 (1) of the Patents Act 57 of 1978, it is hereby certified that
has been granted a patent in respect of an invention described and
claimed in the complete specification deposited at the Patent Office under the number
A copy of the complete specification is annexed, together with the relevant
Form P2.
In testimony thereof, the seal of the Patent Office has been affixed at Pretoria with effect from
the day of 19
Registrar of Patents