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The request must be made on a printed form or computer print-out.

The request form is available

- free of charge from the receiving Office and the International Bureau of WIPO;
- on the USPTO world wide web site via the Internet (http://www.uspto.gov/web/pct/).



Computer-generated Request

- Layout and contents must correspond to those of the printed form (no boxes may be omitted);
- Slight adjustments are permitted;
- Any text printed in italics may be omitted;
- See Rules 3.1 and 3.4 and section 102(h) and (i) of the Administrative Instructions for further details.



Optional indications on the request

- Any priority claims to earlier applications according to the Paris Convention for Protection of Industrial Property;
- Indications of the particular kinds of protection desired if a designated State offers several kinds of protection for inventions, e.g., petty patents, utility models;

Indications concerning the inventor.

The Description (Article 5)

 Must disclose the invention in a manner sufficiently clear and complete for the invention to be carried out by a person skilled in the art.



The Claims (Article 6)

- Must define the subject matter of the invention for which protection is sought;
- Must be clear and concise;
- Must be fully supported by the description.



Drawings (Rule 7)

- Are required only when necessary to understand the invention, e.g., a mechanical invention.
- While the PCT makes no provisions regarding photographs, black and white photographs are allowed where it is impossible to present what is shown in a drawing.



Physical Requirements of the international application (Rule 11)

- A4 (29.7 cm x 21 cm) size paper for all the sheets;
- Margin requirements for the sheets of text and drawings (Rule 11.6);
- Applicant's or agent's file reference (Rule 11.6(f) and Section 109):
 - -12 character maximum,
 - in the upper left-hand corner of the sheet,
 - -Within 1.5 cm of the top of the sheet.

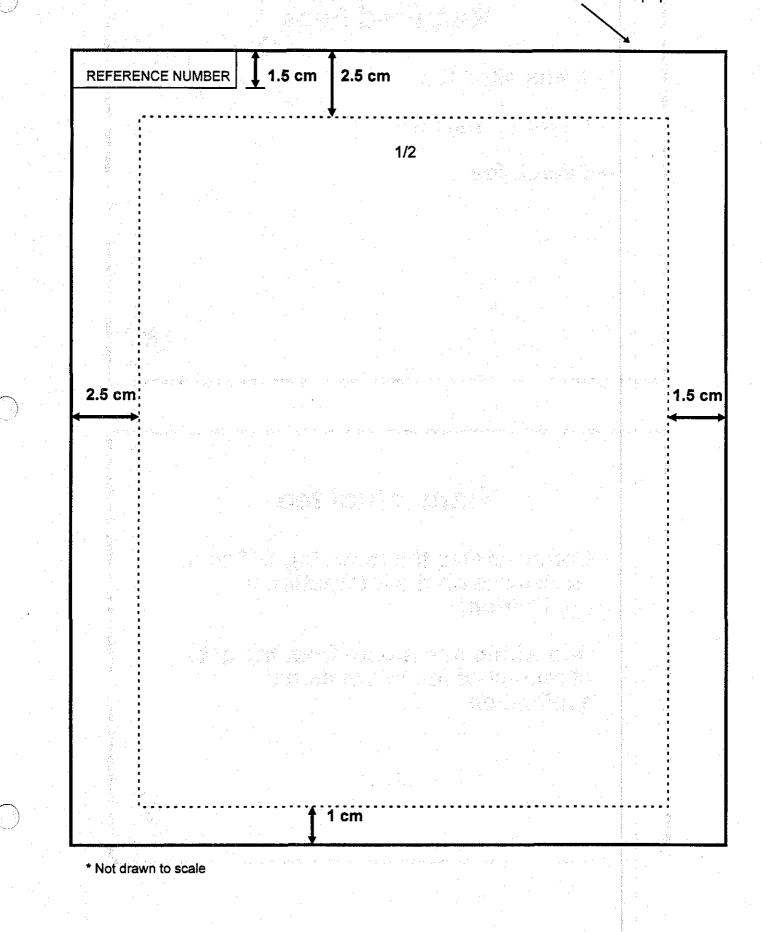
Physical Requirements (continued)

- Numbering of the sheets (Rule 11.7 and Sections 207 and 311)
 - centered at the top or bottom of the sheets, not in the margins;
 - 3 series of numbered sheets:
 - the request,
 - the description, claims and abstract,
 - the drawings.
- Special drawing requirements (Rule 11.13).



Minimum Margin Requirements for Drawings (Rule 11.6(c))*

Sheet of A4 size paper



IV.11

International fees

- Covers the cost of the work performed by the International Bureau; and
- Consists of:
 - basic fee
 - basic supplemental fee for applications containing more than 30 pages
 - designation fees.



When are International fees due?

- Basic fee and basic supplemental fee due within one month of receipt of the international application.
- Designation fee due within one year from the priority date or one month from receipt of the international application, whichever is later.



Lack of signature of an applicant/inventor when the US is designated

- If an applicant/inventor for the US only refuses to sign the request, or cannot be found or reached after diligent effort, that inventor/applicant need not sign if:
 - a statement is furnished explaining the lack of signature to the satisfaction of the receiving Office (RO/US requires a submission complying with 37 CFR 1.425); and
 - the request is signed by at least one other applicant.



International Applications Filed with the USPTO

- The USPTO is a competent receiving Office where at least one applicant is a resident or national of the United States of America
- Language of filing.....English
- Number of copies required.....one



Date of receipt for non-Express Mail Correspondence

IV.17

 Date of receipt for papers transmitted by first class mail, hand carrying and commercial delivery service is the date that the papers are actually received by the USPTO.

• First class "Certificate of Mailing" provisions (37 CFR 1.8) do not apply to international applications.



Electronic transmissions

• The USPTO, EPO and IB each have provisions for filing documents by means of telecommunication (Rule 92.4).



Receiving Offices

IV.19

US

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UNITED STATES PATENT AND TRADEMARK OFFICE (USPTO)

Competent receiving Office for nationals and residents of: United States of America

Language in which international applications may be filed:	English		
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Number of copies required by the eceiving Office:	1		
Competent International Searching Authority:	United Sta Office	tes Patent and Tradem	ark Office or European Pate
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¹ The amount of these fees change periodically. The receiving Office or the Official Gazette of the United States Patent and Trademark Office should be consulted for the applicable amounts.

No. 01/1996

PCT GAZETTE-SECTION IV-ANNEX C

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US

Continuation of Bo	ox No. III FURTHEF	R APPLICANTS AN	D/OR (FURTH	ER) INVENTOR	٤S	
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Form PCT/RO/101 (continuation sheet)(July 1993; reprint January 1996)

See Notes to the request form

Supplemental Box If the Supplemental Box is n	not used, this sheet need not be included in the request.
Use this box in the following cases:	
1. If, in any of the Boxes, the space is insufficient to furnish all the information:	in such case, write "Continuation of Box No" [indicate the numl of the Box] and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient;
in particular:	
 (i) if more than two persons are involved as applicants and/or inventors and no "continuation sheet" is available: 	in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III;
(ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked:	in such case, write "Continuation of Box No. II" or "Continuation of E No. III" or "Continuation of Boxes No. II and No. III" (as the case ma be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, European OAPI patent) for the purposes of which the named person is applicant
(iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America:	in such case, write "Continuation of Box No. II" or "Continuation of E No. III" or "Continuation of Boxes No. II and No. III" (as the case ma be), indicate the name of the inventor(s) and, next to (each) such name the State(s) (and/or, where applicable, ARIPO, European or OAPI patent) for the purposes of which the named person is inventor:
(iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents:	in such case, write "Continuation of Box No. W " and indicate for eac further agent the same type of information as required in Box No. W :
(v) if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "Continuation" or "Continuation- in-part":	in such case, write "Continuation of Box No. 1'" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the de of grant of the parent title or filing of the parent application:
(vi) if there are more than three earlier applications whose priority is claimed:	in such case, write "Continuation of Box No. VI" and indicate for eac additional earlier application the same type of information as require in Box No. VI.
2. If the applicant claims, in respect of any designated Office, the benefits of provisions of the national law concerning non-prejudicial disclosures or exceptions to tack of novelty:	in such case, write "Statement Concerning Non-Prejudicial Disclos or Exceptions to Lack of Novelty" and furnish that statement below
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Form PCT/RO/101 (supplemental sheet)(5 July 1994; reprint January 1996)

See Notes to the request form

This sheet is not part of and does not count as a sheet of the international application.

	РСТ	For receiving Office use only	
	FEE CALCULATION SHEET Annex to the Request	International application No.	
Applicant's file reference	or agent's 480-PCT-1 ce	Date stamp of the receiving Office	
Applicant	WALSH AND COMPANY, et al.		
CALCULA	TION OF PRESCRIBED FEES		
	SMITTAL FEE	T	
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3. INTER	NATIONAL FEE		
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Form PCT/RO/101 (Annex) (January 1996)

See Notes to the fee calculation sheet

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Sheet	No.	5

, N	Box No. VI PRIORITY C		urther priority claims are indicated	in the Supplemental Box
. N (The priority of the following e	arlier application(s) is hereby claimed		
N Xin	Country (in which, or for which, the application was filed)	Filing Date (day/month/year)	Application No.	Office of filing (only for regional or international application)
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du	item (3) CH	28 August 1995 (28.08.95)	PCT/AU95/07777	AU
	Mark the following check-box if th application is the receiving Office	e certified copy of the earlier application is to be (a fee may be required)	issued by the Office which for the purposes of	f the present international
	The receiving Office is	s hereby requested to prepare and tran y of the earlier application(s) identifie	smit to the International d above as item(s):	(1)
	Box No. VII INTERNATIO	NAL SEARCHING AUTHORITY		
	Choice of International Searc	hing Authority (ISA) (If two or more I mational search, indicate the Authority ch	nternational Searching Authorities	ISA/ US
	Earlier search Fill in where a set out or requested and the Authority Identify such search or request eith Country (or regional Office):	arch (international, international-type or is now requested to base the international er by reference to the relevant application Date (day/month/yea	other) by the International Searching A search, to the extent possible, on the re (or the translation thereof) or by refer r): Number:	uthority has already been carried isults of that earlier search ence to the search request:
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	This international application the following number of sheet	s:	application is accompanied by the i	tem(s) marked below: e calculation sheet
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·		of the drawings (if any) should accom	pany the abstract when it is publishe	ed.
	Box No. IX SIGNATURE (OF APPLICANT OR AGENT		
	Next to each signature indicate the no	une of the person summer and the councily in whi	ch the person signs (if such capacity is not ob	winus from reading the request)
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Form PCT/RO 101 (last sheet) (January 1994; reprint January 1996)

See Notes to the request form

Box No.V	DESIGNATION OF STATES	. <u></u> .	<u></u>	en an									
The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes: at least one must be marked):													
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 AP ARIPO Patent: RE Kenya, LS Lesotho. MW Malawi, SD Sudan, SZ Swaziland, UG Uganda and any other State Which is a Contracting State of the Harare Protocol and of the PCT EA Eurasian Patent: AZ Azerbaijan, BY Belarus, KZ Kazakstan, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, DE Germany, DK Denmark, ES Spain, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, and any other State which is a Contracting State of the European Patent: Onvention and of the PCT OA OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line) 													
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See Notes to the request form

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REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. International Filing Date

International Application No.

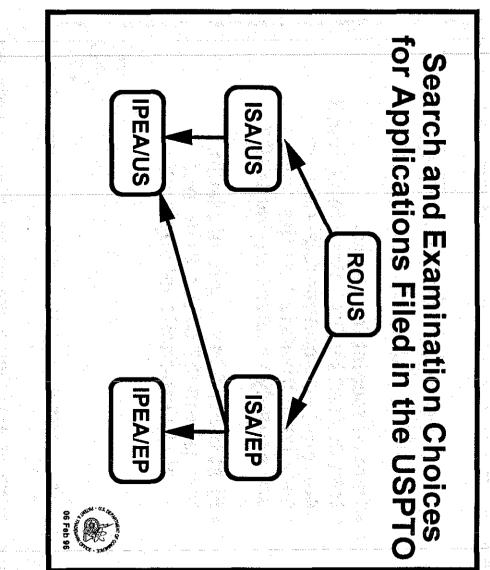
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Name of receiving Office and "PCT International Application"

For receiving Office use only

Applicant's or agent's file reference 480-PCT-1 (if desired)(12 characters maximum)

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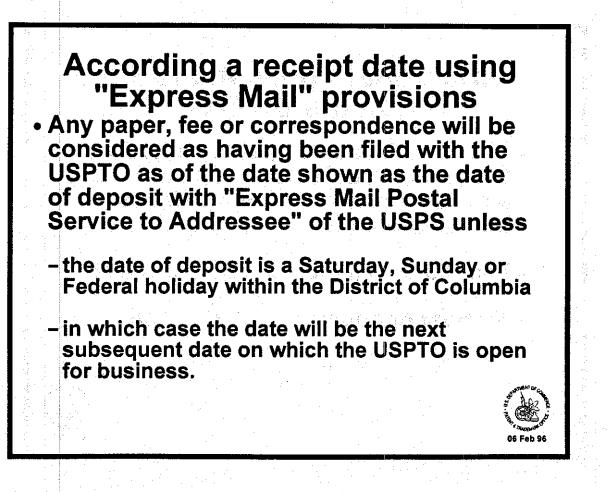


IV.18

An international application may be delivered to the RO/US using:

- US Postal Service "Express Mail" provisions (37 CFR 1.10);
- Regular US Postal Service mail delivery;
- Hand carrying to the USPTO; or
- Commercial delivery service.



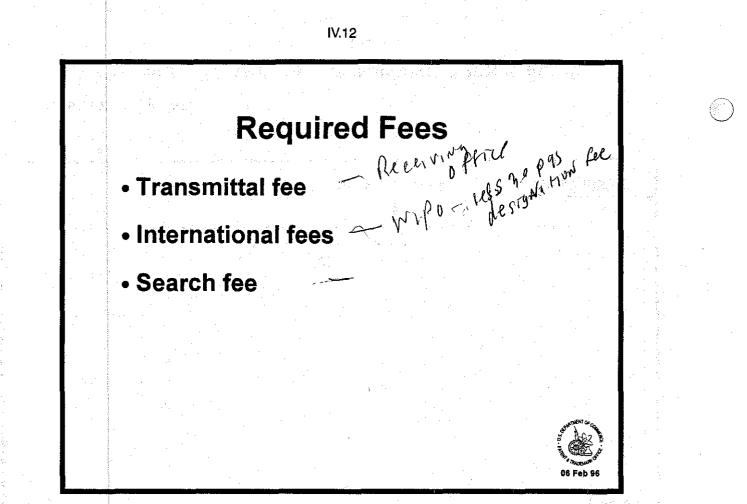


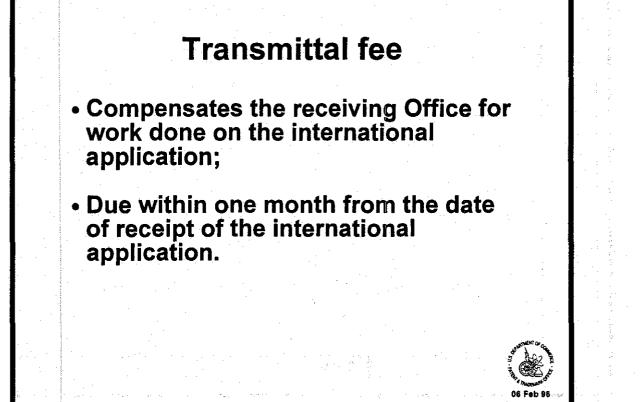
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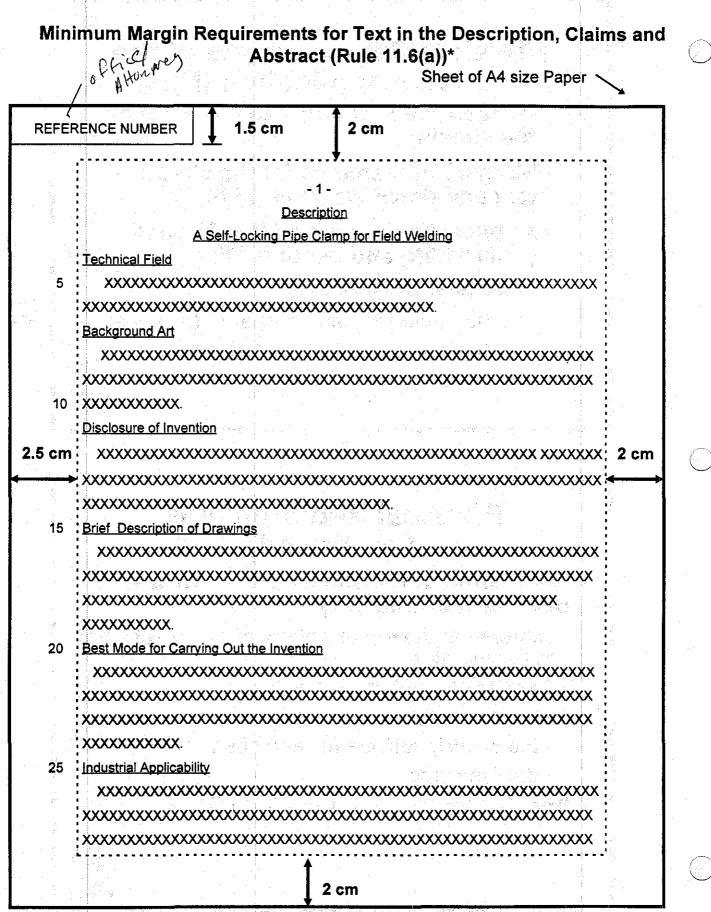
- Compensates the International Searching Authority for the work it performs in establishing the international search report;
- Due within one month from the date of receipt of the international application.



Signing the request (Rule 4.15) Must be signed by all persons indicated as "applicant" and/or "applicant/inventor"; Should not be signed by a person indicated as "inventor only". May be signed by an agent provided that a separate power of attorney signed by the applicant(s) is filed (either original power of attorney or copy of general power).







* Not drawn to scale

The Abstract (Rule 8)

- Consists of a concise summary of the disclosure of the invention as contained in the description, claims and drawings, preferably 50 to 150 words;
- Allows for a clear understanding of the technical problem, the gist of the solution to that problem and the principal use of the invention; and
- Contains reference signs in parentheses after each main technical feature mentioned.



Terminology and Signs (Rule 10) Weights and measures expressed in

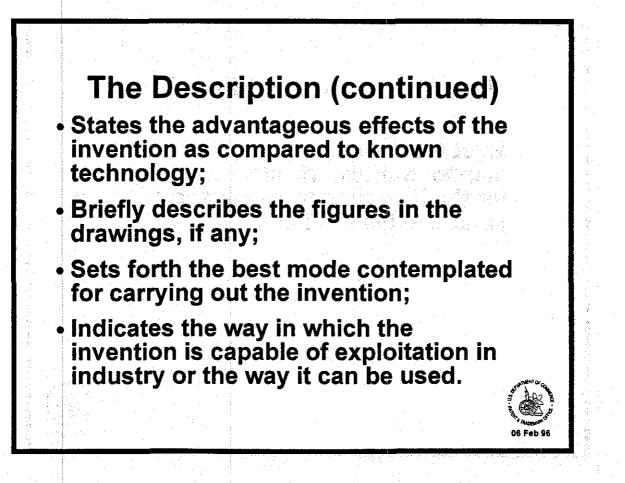
the metric system or also expressed in the metric system if first expressed in a different system;

- Temperature expressed in degrees Celsius or also expressed in degrees Celsius if first expressed in a different manner;
- Rules of international practice for expressing other indications, e.g., heat, light, energy.



The Description (Rule 5)

- States the title of the invention;
- Indicates the technical field of the invention;
- Indicates background art useful in understanding, searching and examining the invention by identifying the prior art or known technology;
- Discloses the invention in a manner that allows the technical problem and its solution to be understood;



The request must contain

- A petition that the international application be processed under the PCT;
- The title of the invention;
- The necessary data concerning applicant, the inventor and the agent or common representative;
- The designation of PCT Contracting States for which protection is desired.



The request must be signed by applicant or applicant's agent

 Where there are two or more applicants, each applicant must sign either the request, or if the request is signed by an agent, a separate power of attorney.



The international application must contain

- A request (Form PCT/RO/101 or computer-generated request);
- A description of the invention;
- One or more claims;

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- One or more drawings where necessary to illustrate the invention; and
- An abstract (may be filed later without affecting the international filing date).



Other documents which should be filed with the application

- Separate power of attorney or copy of general power of attorney (may be filed later);
- Certified copy of priority document(s) (may be filed later);
- Indications concerning deposited microorganisms;
- Nucleotide and/or amino acid sequence listing in the prescribed format and in machine readable form (may be filed later).

이상 문화가지?

