

C. PCT 1302

April 20, 2011

Madam,
Sir,

Proposed modifications of the Administrative Instructions under the PCT and of certain Forms

This Circular is addressed to your Office in its capacity as International Searching Authority (ISA), International Preliminary Examining Authority (IPEA) and/or designated or elected Office under the Patent Cooperation Treaty (PCT) for the purpose of consultation under PCT Rule 89.2(b). It is also addressed to certain non-governmental organizations representing users of the PCT system.

This Circular concerns proposed modifications of the Administrative Instructions under the PCT (AIs) and of certain IPEA Forms which are consequential to amendments of the Regulations under the PCT adopted by the PCT Assembly at its Forty-first Session (see document PCT/A/41/4) which will enter into force on July 1, 2011. The occasion of this Circular is also used to propose a correction to an ISA form.

Proposed modifications of the AIs (Sections 602 and 607) are set out in Annex I to this Circular. Explanations concerning the proposed modifications of certain Forms are set out in Annex II. The relevant pages of the Forms as proposed to be modified are set out in Annex III.

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Comments on the proposed modifications of the Administrative Instructions under the PCT and of certain Forms

Noting that the modified AIs and Forms should be promulgated with effect from July 1, 2011, you are invited to provide comments, if any, to the International Bureau by May 20, 2011, preferably by fax to (+41 22) 910 00 30 or by e-mail to: pct.legal@wipo.int.

Yours sincerely,



Francis Gurry
Director General

Enclosures: Annex I – Proposed modified Sections 602 and 607 of the AIs

Annex II – Explanations of the proposed modifications of certain Forms

Annex III – Proposed modified pages of Forms PCT/ISA/237; PCT/IPEA/401, PCT/IPEA/408, PCT/IPEA/409 and PCT/IPEA/443

PART 6
INSTRUCTIONS RELATING TO THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

Section 602

Processing of Amendments by the International Preliminary Examining Authority

(a) The International Preliminary Examining Authority shall:

(i) indelibly mark, in the upper right-hand corner of each replacement sheet submitted under Rule 66.8, the international application number and the date on which that sheet was received;

(ii) indelibly mark, in the middle of the bottom margin of each replacement sheet, the words "AMENDED SHEET" or their equivalent in the language of the demand as well as an indication of the International Preliminary Examining Authority as provided for in Section 107(b);

(iii) ~~subject to item (iv),~~ keep in its files any replaced sheet, ~~the any~~ letter which accompanying ~~ied any-the~~ replacement sheet, and any superseded replacement sheet or any letter referred to in the last sentence of Rule 66.8(b), as well as a copy of any replacement sheet, any superseded replacement sheet and letter relating to such sheets which is annexed to the international preliminary examination report;

(iv) where any superseded replacement sheet and letter relating to such superseded replacement sheet referred to in item (iii) is to be annexed to the international preliminary examination report under Rule 70.16(b), indelibly mark, in addition to the markings referred to in items (i) and (ii), in the middle of the bottom margin of each superseded replacement sheet and of each letter relating to a superseded replacement sheet, without obscuring the marking made under item (ii), the words "SUPERSEDED REPLACEMENT SHEET (RULE 70.16(b))"; or, as applicable, the words "ACCOMPANYING LETTER (RULE 70.16(b))";

(v) annex to the copy of the international preliminary examination report which is transmitted to the International Bureau any replacement sheet and letter as provided for under Rule 70.16;

(vi) annex to the copy of the international preliminary examination report which is transmitted to the applicant a copy of each replacement sheet and letter as provided for under Rule 70.16.

(b) Section 311(b)(ii) relating to the numbering of replacement sheets shall apply when one or more sheets are added under Rule 66.8.

(c) Where the International Preliminary Examining Authority receives from the applicant a copy of a purported amendment under Article 19 submitted after the time limit set forth in Rule 46.1, the International Preliminary Examining Authority may consider such an amendment as an amendment under Article 34 in which case it shall inform the applicant accordingly.

(d) Where the International Preliminary Examining Authority receives a copy of an amendment under Article 19, paragraphs (a) and (b) shall apply *mutatis mutandis*.

Section 607

Rectifications of Obvious Mistakes under Rule 91

(a) Where the International Preliminary Examining Authority authorizes a rectification of an obvious mistake under Rule 91, ~~Section 602(a)(i) to (iii) and (b) shall apply mutatis mutandis, provided that, where a sheet is marked as indicated in Section 602, the words "RECTIFIED SHEET (RULE 91)" shall be used. it shall:~~

(i) indelibly mark, in the upper right-hand corner of each replacement sheet, the international application number and the date on which that sheet was received;

(ii) indelibly mark, in the middle of the bottom margin of each replacement sheet, the words "RECTIFIED SHEET (RULE 91)" or their equivalent in the language of the demand as well as an indication of the International Preliminary Authority as provided for in Section 107(b);

(iii) indelibly mark on the letter containing the rectification or accompanying any replacement sheet the date on which that letter was received;

(iv) keep in its files a copy of the letter containing the rectification or, when the rectification is contained in a replacement sheet, the replaced sheet, a copy of the letter accompanying the replacement sheet and a copy of the replacement sheet;

(v) annex to the copy of the international preliminary examination report which is transmitted to the International Bureau any replacement sheet and any letter as provided for under Rule 70.16;

(vi) annex to the copy of the international preliminary examination report which is transmitted to the applicant a copy of each replacement sheet and any letter as provided for under Rule 70.16.

(b) Where the rectification of an obvious mistake is not taken into account by the International Preliminary Examining Authority pursuant to Rule 66.4bis, and the Authority so indicates in the international preliminary examination report in accordance with Rule 70.2(e), it shall proceed as indicated under paragraph (a), provided that the words "RECTIFIED SHEET (RULE 91) – NOT CONSIDERED FOR REPORT (RULE 66.4bis)" shall be used when marking in accordance with paragraph (a)(ii).

(c) Where the rectification of an obvious mistake is not taken into account by the International Preliminary Examining Authority pursuant to Rule 66.4bis, and the Authority is not able to so indicate in the international preliminary examination report in accordance with the second sentence of Rule 70.2(e), it shall proceed as indicated under paragraph (a)(i) to (iv) and forward any replacement sheet and any letter containing the rectification or accompanying any replacement sheet to the International Bureau. The International Bureau will promptly notify the elected Offices accordingly.

[Annex II follows]

EXPLANATIONS OF THE PROPOSED MODIFICATIONS OF CERTAIN FORMS

General comment

Consequential to the amendments of the Regulations under the PCT which will enter into force on July 1, 2011, certain forms used by the International Searching Authority and the International Preliminary Examining Authority are proposed to be modified.

To assist in identifying the proposed modifications to the forms, the International Bureau has prepared a set of marked-up versions to accompany this Circular. The mark-ups indicate deleted and new text on separate pages. Thus, on the first marked-up page, the deleted text appears in red with the text struck out. This is followed by the second marked-up page of the same form where new text is underlined in blue. Each page indicates clearly whether it concerns deleted or new text. Only pages of the Forms where modifications are proposed have been included. To view the entire existing PCT forms, please see <http://www.wipo.int/pct/en/forms/index.html> on WIPO's web site.

Form relating to the International Searching Authority

- (i) *PCT/ISA/237 ("Written Opinion of the International Searching Authority")*
The modification is proposed as a drafting correction.

Forms relating to the International Preliminary Examining Authority

- (ii) *PCT/IPEA/401 ("Demand")*
It is proposed to delete the reference to the accompanying statement in Box No. IV since this item seems to be sufficiently covered by the check list in Box No. VI. It is also proposed to further clarify some of the items in Box No. VI.
- (iii) *PCT/IPEA/408 ("Written Opinion of the International Preliminary Examining Authority")*
It is proposed to also provide for the possibility in Box No. I for the IPEA to state that certain rectifications could not be taken into account.
- (iv) *PCT/IPEA/409 ("International Preliminary Report on Patentability")*
The modifications proposed are consequential to the amendment to Rule 70.16 in the above mentioned amendments of the Regulations under the PCT. It is proposed to also provide for the possibility in Box No. I for the IPEA to state that certain rectifications could not be taken into account.
- (v) *PCT/IPEA/443 ("Invitation to Furnish Translation for the Purposes of International Preliminary Examination")*
The modifications proposed are consequential to the modifications to Rule 55.3 in the above mentioned amendments of the Regulations under the PCT.

[Annex III follows]

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43*bis*.1)

To:		Date of mailing (day/month/year)	
Applicant's or agent's file reference		FOR FURTHER ACTION See paragraph 2 below	
International application No.	International filing date (day/month/year)	Priority date (day/month/year)	
International Patent Classification (IPC) or both national classification and IPC			
Applicant			

1. This opinion contains indications relating to the following items:

Box No. I Basis of the opinion

Box No. II Priority

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

Box No. IV Lack of unity of invention

Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement

Box No. VI Certain documents cited

Box No. VII Certain defects in the international application

Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1*bis*(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

~~3. For further details, see notes to Form PCT/ISA/220.~~

Name and mailing address of the ISA/ Facsimile No.	Date of completion of this opinion	Authorized officer Telephone No.
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PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43*bis*.1)

To:		Date of mailing (day/month/year)	
Applicant's or agent's file reference		FOR FURTHER ACTION See paragraph 2 below	
International application No.	International filing date (day/month/year)	Priority date (day/month/year)	
International Patent Classification (IPC) or both national classification and IPC			
Applicant			

1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
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2. **FURTHER ACTION**

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If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

Name and mailing address of the ISA/ Facsimile No.	Date of completion of this opinion	Authorized officer Telephone No.
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The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:

IPEA/ _____

PCT

CHAPTER II

DEMAND

under Article 31 of the Patent Cooperation Treaty:
The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty.

For International Preliminary Examining Authority use only		
Identification of IPEA	Date of receipt of DEMAND	
Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION		Applicant's or agent's file reference
International application No.	International filing date (<i>day/month/year</i>)	(Earliest) Priority date (<i>day/month/year</i>)
Title of invention		
Box No. II APPLICANT(S)		
Name and address: (<i>Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.</i>)		Telephone No.
		Facsimile No.
		Applicant's registration No. with the Office
E-mail authorization: Marking one of the check-boxes below authorizes the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send notifications issued in respect of this international application if those offices are willing to do so. <input type="checkbox"/> as advance copies followed by paper notifications; or <input type="checkbox"/> exclusively in electronic form (no paper notifications will be sent). E-mail address: _____		
State (<i>that is, country</i>) of nationality:		State (<i>that is, country</i>) of residence:
Name and address: (<i>Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.</i>)		
State (<i>that is, country</i>) of nationality:		State (<i>that is, country</i>) of residence:
<input type="checkbox"/> Further applicants are indicated on a continuation sheet.		

The demand must be filed directly with the competent International Preliminary Examining Authority or, if two or more Authorities are competent, with the one chosen by the applicant. The full name or two-letter code of that Authority may be indicated by the applicant on the line below:

IPEA/ _____

PCT

CHAPTER II

DEMAND

under Article 31 of the Patent Cooperation Treaty:
The undersigned requests that the international application specified below be the subject of international preliminary examination according to the Patent Cooperation Treaty.

For International Preliminary Examining Authority use only	
Identification of IPEA	Date of receipt of DEMAND
Box No. I IDENTIFICATION OF THE INTERNATIONAL APPLICATION	
Applicant's or agent's file reference	
International application No.	International filing date (<i>day/month/year</i>)
(Earliest) Priority date (<i>day/month/year</i>)	
Title of invention	
Box No. II APPLICANT(S)	
Name and address: (<i>Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.</i>)	Telephone No.
	Facsimile No.
	Applicant's registration No. with the Office
E-mail authorization: Marking one of the check-boxes below authorizes the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send notifications issued in respect of this international application if those offices are willing to do so. <input type="checkbox"/> as advance copies followed by paper notifications; or <input type="checkbox"/> exclusively in electronic form (no paper notifications will be sent). E-mail address: _____	
State (<i>that is, country</i>) of nationality:	State (<i>that is, country</i>) of residence:
Name and address: (<i>Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.</i>)	
State (<i>that is, country</i>) of nationality:	State (<i>that is, country</i>) of residence:
<input type="checkbox"/> Further applicants are indicated on a continuation sheet.	

Sheet No. . . .

International application No.

Continuation of Box No. II APPLICANT(S)

If none of the following sub-boxes is used, this sheet should not be included in the demand.

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

State *(that is, country)* of nationality:

State *(that is, country)* of residence:

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

State *(that is, country)* of nationality:

State *(that is, country)* of residence:

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

State *(that is, country)* of nationality:

State *(that is, country)* of residence:

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

State *(that is, country)* of nationality:

State *(that is, country)* of residence:

Further applicants are indicated on another continuation sheet.

Sheet No. . . .

International application No.

Continuation of Box No. II APPLICANT(S)

If none of the following sub-boxes is used, this sheet should not be included in the demand.

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

State *(that is, country)* of nationality:

State *(that is, country)* of residence:

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

State *(that is, country)* of nationality:

State *(that is, country)* of residence:

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

State *(that is, country)* of nationality:

State *(that is, country)* of residence:

Name and address: *(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

State *(that is, country)* of nationality:

State *(that is, country)* of residence:

Further applicants are indicated on another continuation sheet.

Sheet No. . . .	International application No.
Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE	
<p>The following person is <input type="checkbox"/> agent <input type="checkbox"/> common representative and <input type="checkbox"/> has been appointed earlier and represents the applicant(s) also for international preliminary examination. <input type="checkbox"/> is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked. <input type="checkbox"/> is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.</p>	
Name and address: <i>(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)</i> E-mail address: _____	Telephone No.
	Facsimile No.
	Agent's registration No. with the Office
<p>E-mail authorization: Marking one of the check-boxes below authorizes the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send notifications issued in respect of this international application if those offices are willing to do so. <input type="checkbox"/> as advance copies followed by paper notifications; or <input type="checkbox"/> exclusively in electronic form (no paper notifications will be sent). E-mail address: _____</p>	
<input type="checkbox"/> Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.	
Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION	
<p>Statement concerning amendments:*</p> <p>1. The applicant wishes the international preliminary examination to start on the basis of: <input type="checkbox"/> the international application as originally filed the description <input type="checkbox"/> as originally filed <input type="checkbox"/> as amended under Article 34 the claims <input type="checkbox"/> as originally filed <input type="checkbox"/> as amended under Article 19 (together with any accompanying statement) <input type="checkbox"/> as amended under Article 34 the drawings <input type="checkbox"/> as originally filed <input type="checkbox"/> as amended under Article 34</p> <p>2. <input type="checkbox"/> The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.</p> <p>3. <input type="checkbox"/> Where the IPEA wishes to start the international preliminary examination at the same time as the international search in accordance with Rule 69.1(b), the applicant requests the IPEA to postpone the start of the international preliminary examination until the expiration of the applicable time limit under Rule 69.1(d).</p> <p>4. <input type="checkbox"/> The applicant expressly wishes the international preliminary examination to start earlier than at the expiration of the applicable time limit under Rule 54bis.1(a).</p> <p>* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.</p>	
<p>Language for the purposes of international preliminary examination: _____</p> <input type="checkbox"/> which is the language in which the international application was filed. <input type="checkbox"/> which is the language of a translation furnished for the purposes of international search. <input type="checkbox"/> which is the language of publication of the international application. <input type="checkbox"/> which is the language of the translation (to be) furnished for the purposes of international preliminary examination.	
Box No. V ELECTION OF STATES	
The filing of this demand constitutes the election of all Contracting States which are designated and are bound by Chapter II of the PCT.	

Sheet No. . . .	International application No.
Box No. III AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE	
<p>The following person is <input type="checkbox"/> agent <input type="checkbox"/> common representative and <input type="checkbox"/> has been appointed earlier and represents the applicant(s) also for international preliminary examination. <input type="checkbox"/> is hereby appointed and any earlier appointment of (an) agent(s)/common representative is hereby revoked. <input type="checkbox"/> is hereby appointed, specifically for the procedure before the International Preliminary Examining Authority, in addition to the agent(s)/common representative appointed earlier.</p>	
Name and address: <i>(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)</i> 	Telephone No. Facsimile No. Agent's registration No. with the Office
<p>E-mail authorization: Marking one of the check-boxes below authorizes the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send notifications issued in respect of this international application if those offices are willing to do so.</p> <input type="checkbox"/> as advance copies followed by paper notifications; or <input type="checkbox"/> exclusively in electronic form (no paper notifications will be sent). E-mail address: _____	
<input type="checkbox"/> Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.	
Box No. IV BASIS FOR INTERNATIONAL PRELIMINARY EXAMINATION	
<p>Statement concerning amendments:*</p> <p>1. The applicant wishes the international preliminary examination to start on the basis of: <input type="checkbox"/> the international application as originally filed the description <input type="checkbox"/> as originally filed <input type="checkbox"/> as amended under Article 34 the claims <input type="checkbox"/> as originally filed <input type="checkbox"/> as amended under Article 19 <input type="checkbox"/> as amended under Article 34 the drawings <input type="checkbox"/> as originally filed <input type="checkbox"/> as amended under Article 34</p> <p>2. <input type="checkbox"/> The applicant wishes any amendment to the claims under Article 19 to be considered as reversed.</p> <p>3. <input type="checkbox"/> Where the IPEA wishes to start the international preliminary examination at the same time as the international search in accordance with Rule 69.1(b), the applicant requests the IPEA to postpone the start of the international preliminary examination until the expiration of the applicable time limit under Rule 69.1(d).</p> <p>4. <input type="checkbox"/> The applicant expressly wishes the international preliminary examination to start earlier than at the expiration of the applicable time limit under Rule 54<i>bis</i>.1(a).</p> <p>* Where no check-box is marked, international preliminary examination will start on the basis of the international application as originally filed or, where a copy of amendments to the claims under Article 19 and/or amendments of the international application under Article 34 are received by the International Preliminary Examining Authority before it has begun to draw up a written opinion or the international preliminary examination report, as so amended.</p>	
<p>Language for the purposes of international preliminary examination: _____</p> <input type="checkbox"/> which is the language in which the international application was filed. <input type="checkbox"/> which is the language of a translation furnished for the purposes of international search. <input type="checkbox"/> which is the language of publication of the international application. <input type="checkbox"/> which is the language of the translation (to be) furnished for the purposes of international preliminary examination.	
Box No. V ELECTION OF STATES	
The filing of this demand constitutes the election of all Contracting States which are designated and are bound by Chapter II of the PCT.	

Sheet No. . . .

International application No.

Box No. VI CHECK LIST

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- | | | |
|---|---|--------|
| 1. translation of international application | : | sheets |
| 2. amendments under Article 34 | : | sheets |
| 3. copy (or, where required, translation) of amendments under Article 19 and accompanying letter (Rule 46.5(b)) | : | sheets |
| 4. copy (or, where required, translation) of any statement under Article 19 (Rule 62.1(ii)) | : | sheets |
| 5. letter | : | sheets |
| 6. other (<i>specify</i>) | : | sheets |

For International Preliminary Examining Authority use only

received	not received
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

The demand is also accompanied by the item(s) marked below:

- | | |
|--|--|
| 1. <input type="checkbox"/> fee calculation sheet | 5. <input type="checkbox"/> statement explaining lack of signature |
| 2. <input type="checkbox"/> original separate power of attorney | 6. <input type="checkbox"/> sequence listing in electronic form |
| 3. <input type="checkbox"/> original general power of attorney | 7. <input type="checkbox"/> other (<i>specify</i>): _____ |
| 4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: | _____ |

Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).

For International Preliminary Examining Authority use only

1. Date of actual receipt of DEMAND:

2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):

3. The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply.
 The applicant has been informed accordingly.
4. The date of receipt of the demand is WITHIN the time limit of 19 months from the priority date as extended by virtue of Rule 80.5.
5. Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.

6. The date of receipt of the demand is AFTER the expiration of the time limit under Rule 54bis.1(a) and item 7 or 8, below, does not apply.
7. The date of receipt of the demand is WITHIN the time limit under Rule 54bis.1(a) as extended by virtue of Rule 80.5.
8. Although the date of receipt of the demand is after the expiration of the time limit under Rule 54bis.1(a), the delay in arrival is EXCUSED pursuant to Rule 82.

For International Bureau use only

Demand received from IPEA on:

Sheet No. . . .

International application No.

Box No. VI CHECK LIST

The demand is accompanied by the following elements, in the language referred to in Box No. IV, for the purposes of international preliminary examination:

- | | | |
|--|---|---------------|
| 1. translation of international application | : | sheets |
| 2. amendments under Article 34 | : | sheets |
| 3. <u>letter accompanying the amendments under Article 34 (Rule 66.8)</u> | : | sheets |
| 4. copy (or, where required, translation) of amendments under Article 19 | : | sheets |
| 5. <u>copy of the letter accompanying the amendments under Article 19 (Rules 46.5(b) and 53.9)</u> | : | <u>sheets</u> |
| 6. copy (or, where applicable, translation) of any statement under Article 19 (Rule 62.1(ii)) | : | sheets |
| 7. other (<i>specify</i>) | : | sheets |

For International Preliminary Examining Authority use only

received	not received
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

The demand is also accompanied by the item(s) marked below:

- | | |
|--|--|
| 1. <input type="checkbox"/> fee calculation sheet | 5. <input type="checkbox"/> statement explaining lack of signature |
| 2. <input type="checkbox"/> original separate power of attorney | 6. <input type="checkbox"/> sequence listing in electronic form |
| 3. <input type="checkbox"/> original general power of attorney | 7. <input type="checkbox"/> other (<i>specify</i>): _____ |
| 4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: | _____ |

Box No. VII SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the demand).

For International Preliminary Examining Authority use only

1. Date of actual receipt of DEMAND:

2. Adjusted date of receipt of demand due to CORRECTIONS under Rule 60.1(b):

3. The date of receipt of the demand is AFTER the expiration of 19 months from the priority date and item 4 or 5, below, does not apply.
 The applicant has been informed accordingly.
4. The date of receipt of the demand is WITHIN the time limit of 19 months from the priority date as extended by virtue of Rule 80.5.
5. Although the date of receipt of the demand is after the expiration of 19 months from the priority date, the delay in arrival is EXCUSED pursuant to Rule 82.

6. The date of receipt of the demand is AFTER the expiration of the time limit under Rule 54bis.1(a) and item 7 or 8, below, does not apply.
7. The date of receipt of the demand is WITHIN the time limit under Rule 54bis.1(a) as extended by virtue of Rule 80.5.
8. Although the date of receipt of the demand is after the expiration of the time limit under Rule 54bis.1(a), the delay in arrival is EXCUSED pursuant to Rule 82.

For International Bureau use only

Demand received from IPEA on:

NOTES TO THE DEMAND FORM (PCT/IPEA/401)

These Notes are intended to facilitate the filling in of the demand form and to give some information concerning international preliminary examination under Chapter II of the Patent Cooperation Treaty (PCT). For more detailed information, see the *PCT Applicant's Guide*, a WIPO publication, which is available, together with other PCT related documents, at WIPO's website: www.wipo.int/pct/en/. The Notes are based on the requirements of the PCT, the Regulations and the Administrative Instructions under the PCT. In case of any discrepancy between these Notes and those requirements, the latter are applicable.

In the demand form and these Notes, "Article", "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the Administrative Instructions, respectively.

The demand form shall be typed or printed; check-boxes may be marked by hand with dark ink (Rules 11.9(a) and (b) and 11.14).

The demand form and these Notes may be downloaded from WIPO's website at the address given above.

IMPORTANT GENERAL INFORMATION

Who May File a Demand? (Article 31(2)(a) and Rule 54): A demand (for international preliminary examination) may only be filed by an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II of the PCT; furthermore, the international application must have been filed with a receiving Office of, or acting for, a State bound by Chapter II. Where there are two or more applicants (for the same or different elected States) at least one of them must qualify.

Where Must the Demand Be Filed? (Article 31(6)(a)): The demand must be filed with a competent International Preliminary Examining Authority (IPEA). The receiving Office with which the international application was filed will, upon request, give information about the competent IPEA (or see the *PCT Applicant's Guide*, Annex C). If several IPEAs are competent, the applicant has the choice and the demand must be filed with (and the fees must be paid to) the IPEA chosen by the applicant. The IPEA chosen by the applicant may be identified, preferably by an indication of the name or two-letter code of the IPEA, at the top of the first sheet of the demand in the space provided for that purpose.

When Must the Demand Be Filed? (Article 39(1) and Rule 54bis.1): As long as certain designated Offices are still not bound by the 30-month time limit under Article 22 for entry into the national phase, the demand – because it contains the required election of designated States – must be filed within 19 months from the priority date if the applicant wishes to postpone entry into the national phase from 20 to 30 months from the priority date in respect of those designated Offices. For updated information about those Offices, see the *PCT Applicant's Guide*, National Chapters, Summaries, available on the WIPO website at the address indicated above. It is recalled that the time limit of 30 months from the priority date applies to all other designated Offices regardless of whether or not a demand is filed.

If the applicant wishes to file a demand, but not because of the reason explained above, the applicable time limit for filing such demand is three months from the date of transmittal of the international search report or of the declaration referred to in Article 17(2)(a), and the written opinion established by the International Searching Authority or 22 months from the priority date, whichever expires later (see Rule 54bis.1(a)).

Any demand made after the expiration of the applicable time limit will be considered as if it had not been submitted and the IPEA shall so declare.

In Which Language Must the Demand Be Filed? (Rule 55.1): The demand must be filed in the language in which international preliminary examination will be carried out (see Notes to Box No. IV).

What is the Language of Correspondence? (Rules 66.9 and 92.2 and Section 104): Any letter from the applicant to the IPEA must be in the same language as the international application to which it relates. However, where the international preliminary examination will be carried out on the basis of a translation (see Notes to Box No. IV), any letter from the applicant to the IPEA must be in the language of the translation. The IPEA may authorize the use of other languages for letters which do not contain or relate to amendments of the international application. Any letter from the applicant to the International Bureau must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

BOX No. I

Applicant's or Agent's File Reference: A file reference may be indicated, if desired. It should not exceed 12 characters. Characters in excess of 12 may be disregarded (Section 109).

Identification of the International Application (Rule 53.6): The international application number must be indicated in Box No. I. Where the demand is filed at a time when the international application number has not yet been notified by the receiving Office, the name of that Office must be indicated instead of the international application number.

International Filing Date and (Earliest) Priority Date (Section 110): Dates must be indicated by the Arabic number of the day, the name of the month and the Arabic number of the year – in that order; after, below or above such indication, the date should be repeated in parentheses, using two-digit Arabic numerals each for the number of the day and for the number of the month followed by the number of the year in four digits, in that order, and separated by periods, slants or hyphens, for example, "24 March 2010 (24.03.2010)", "~~24 March 2010 (24/03/2010)~~" or "~~24 March 2010 (24-03-2010)~~". Where the international application claims the priority of several earlier applications, the filing date of the earliest application whose priority is claimed must be indicated as the priority date.

NOTES TO THE DEMAND FORM (PCT/IPEA/401)

These Notes are intended to facilitate the filling in of the demand form and to give some information concerning international preliminary examination under Chapter II of the Patent Cooperation Treaty (PCT). For more detailed information, see the *PCT Applicant's Guide*, a WIPO publication, which is available, together with other PCT related documents, at WIPO's website: www.wipo.int/pct/en/. The Notes are based on the requirements of the PCT, the Regulations and the Administrative Instructions under the PCT. In case of any discrepancy between these Notes and those requirements, the latter are applicable.

In the demand form and these Notes, "Article", "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the Administrative Instructions, respectively.

The demand form shall be typed or printed; check-boxes may be marked by hand with dark ink (Rules 11.9(a) and (b) and 11.14).

The demand form and these Notes may be downloaded from WIPO's website at the address given above.

IMPORTANT GENERAL INFORMATION

Who May File a Demand? (Article 31(2)(a) and Rule 54): A demand (for international preliminary examination) may only be filed by an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II of the PCT; furthermore, the international application must have been filed with a receiving Office of, or acting for, a State bound by Chapter II. Where there are two or more applicants (for the same or different elected States) at least one of them must qualify.

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When Must the Demand Be Filed? (Article 39(1) and Rule 54bis.1): As long as certain designated Offices are still not bound by the 30-month time limit under Article 22 for entry into the national phase, the demand – because it contains the required election of designated States – must be filed within 19 months from the priority date if the applicant wishes to postpone entry into the national phase from 20 to 30 months from the priority date in respect of those designated Offices. For updated information about those Offices, see the *PCT Applicant's Guide*, National Chapters, Summaries, available on the WIPO website at the address indicated above. It is recalled that the time limit of 30 months from the priority date applies to all other designated Offices regardless of whether or not a demand is filed.

If the applicant wishes to file a demand, but not because of the reason explained above, the applicable time limit for filing such demand is three months from the date of transmittal of the international search report or of the declaration referred to in Article 17(2)(a), and the written opinion established by the International Searching Authority or 22 months from the priority date, whichever expires later (see Rule 54bis.1(a)).

Any demand made after the expiration of the applicable time limit will be considered as if it had not been submitted and the IPEA shall so declare.

In Which Language Must the Demand Be Filed? (Rule 55.1): The demand must be filed in the language in which international preliminary examination will be carried out (see Notes to Box No. IV).

What is the Language of Correspondence? (Rules 55.3 and 92.2 and Section 104): Any letter from the applicant to the IPEA must be in the same language as the international application to which it relates. However, where the international preliminary examination will be carried out on the basis of a translation (see Notes to Box No. IV), any letter from the applicant to the IPEA must be in the language of the translation. The IPEA may authorize the use of other languages for letters which do not contain or relate to amendments of the international application. Any letter from the applicant to the International Bureau must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

BOX No. I

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International Filing Date and (Earliest) Priority Date (Section 110): Dates must be indicated by the Arabic number of the day, the name of the month and the Arabic number of the year – in that order; after, below or above such indication, the date should be repeated in parentheses, using two-digit Arabic numerals each for the number of the day and for the number of the month followed by the number of the year in four digits, in that order, and separated by periods, slants or hyphens, for example, "24 March 2011 (24.03.2011)", "24 March 2011 (24/03/2011)" or "24 March 2011 (24-03-2011)". Where the international application claims the priority of several earlier applications, the filing date of the earliest application whose priority is claimed must be indicated as the priority date.

Title of the Invention: If a new title has been established by the International Searching Authority, that title must be indicated in Box No. I.

BOX No. II

Applicant(s) (Rule 53.4): All the applicants for the elected States must be indicated in the demand. It should be noted that those persons named as “inventor only” in the request need not be named in the demand.

Insert in Box No. II of the demand the required indications as in Boxes Nos. II and III of the request. The Notes to the request apply *mutatis mutandis*. If there are two or more applicants for the States elected in the demand, give the required indications for each of them; if there are more than three applicants, make the required indications on the “Continuation Sheet”.

If different applicants were indicated in the request for different designated States, there is no need to again indicate in the demand the States for which a person is applicant, because those indications have been made in the request.

Applicant’s registration number with the Office (Rule 53.4): Where the applicant is registered with the national or regional Office that is acting as International Preliminary Examining Authority, the demand may indicate the number or other indication under which the applicant is so registered.

An E-mail address should be indicated for the person named in Box No. II in order to allow rapid communication with the applicant (see Rule 4.4(c)). Any telephone or facsimile number should include the applicable country and area codes. A single e-mail address only should be indicated.

Unless one of the applicable check-boxes is marked, any e-mail address supplied will be used only for the types of communication which might be made by telephone. If one of the applicable check-boxes is marked, the International Bureau and the International Preliminary Examining Authority may, if they wish to do so, send notifications in respect of the international application to the applicant, thus avoiding processing or postal delays. Note that not all Offices will send such notifications by e-mail, (for details about each Office’s procedure see the *PCT Applicant’s Guide*, Annex B). If the first check-box is marked, any such e-mail notification will always be followed by the official notification on paper. Only that paper copy of the notification is considered the legal copy of the notification and only the date of mailing of that paper copy will commence any time limit within the meaning of Rule 80. If the second check-box is marked, the applicant requests the discontinuation of the sending of paper copies of notifications and acknowledges that the date of mailing indicated on the electronic copy will commence any time limit within the meaning of Rule 80.

Note that it is the applicant’s responsibility to keep any e-mail address details up-to-date and to ensure that incoming e-mails are not blocked, for any reason, on the recipient’s side. Changes to the e-mail address indicated should be requested to be recorded, preferably directly at the International Bureau, under Rule 92*bis*. Where the e-mail authorization is given both in respect of the applicant and in respect of an agent or common representative, the International Bureau and the International Preliminary Examining Authority will send e-mail communications only to the appointed agent or common representative.

BOX No. III

Agent or Common Representative (Rules 53.5, 90.1 and 90.2): Mark the applicable check-boxes to indicate *first* whether the person named in this Box is agent or common representative, *then* whether that person *has been appointed earlier* (i.e., during the procedure under Chapter I), or *is appointed in the demand* and any earlier appointment of another person is revoked, or *is appointed specifically for the procedure before the IPEA* (without revocation of any earlier appointment), in addition to the person(s) appointed earlier.

Where an additional person is appointed specifically for the procedure before the IPEA, all notifications issued by the IPEA will be addressed only to that additional person.

A separate power of attorney must be filed with the IPEA, the International Bureau or the receiving Office, if the person appointed at the time the demand is filed (i.e., was not appointed earlier) signs the demand on behalf of the applicant (Rule 90.4). However, the receiving Office, the International Bureau or the IPEA may waive the requirement that a separate power of attorney be filed. For details, see the *PCT Applicant’s Guide*, Annex B(1B), Annex C and Annex E.

Agent’s registration number with the Office (Rule 53.5): Where the agent is registered with the national or regional Office that is acting as International Preliminary Examining Authority, the demand may indicate the number or other indication under which the agent is so registered.

E-mail address (see Notes to Box. No. II).

Address for Correspondence (Rule 4.4(d) and Section 108): Where an agent is appointed, any correspondence intended for the applicant will be sent to the address indicated for that agent (or for the first-mentioned agent, if more than one is appointed). Where one of two or more persons named as applicants as common representative, the address indicated for that applicant in Box No. III will be used.

Where no agent or common representative is appointed, any correspondence will be sent to the address, indicated in Box No. II, of the applicant (if only one person is named as applicant) or of the applicant who is considered to be common representative (if there are two or more persons named as applicants). However, if the applicant wishes correspondence to be sent to a different address in such a case, that address may be indicated in Box No. III instead of the designation of an agent or common representative. In this case, and only in this case, the last check-box of Box No. III must be marked (that is, the last check-box must not be marked if either of the check-boxes “agent” or “common representative” in Box No. III has been marked).

BOX No. IV

Statement Concerning Amendments (Rules 53.2(a)(iv), 53.9, 62, 66.1 and 69.1): The international preliminary examination will start on the basis of the international application as filed or, if amendments have been filed, as amended. Mark the appropriate check-box(es) to enable the IPEA to determine when and on what basis it can start international preliminary examination.

Mark the corresponding check-box(es) under No. 1 where the international preliminary examination should start on the basis of the international application as originally filed or

Title of the Invention: If a new title has been established by the International Searching Authority, that title must be indicated in Box No. I.

BOX No. II

Applicant(s) (Rule 53.4): All the applicants for the elected States must be indicated in the demand. It should be noted that those persons named as “inventor only” in the request need not be named in the demand.

Insert in Box No. II of the demand the required indications as in Boxes Nos. II and III of the request. The Notes to the request apply *mutatis mutandis*. If there are two or more applicants for the States elected in the demand, give the required indications for each of them; if there are more than three applicants, make the required indications on the “Continuation Sheet”.

If different applicants were indicated in the request for different designated States, there is no need to again indicate in the demand the States for which a person is applicant, because those indications have been made in the request.

Applicant’s registration number with the Office (Rule 53.4): Where the applicant is registered with the national or regional Office that is acting as International Preliminary Examining Authority, the demand may indicate the number or other indication under which the applicant is so registered.

An E-mail address should be indicated for the person named in Box No. II in order to allow rapid communication with the applicant (see Rule 4.4(c)). Any telephone or facsimile number should include the applicable country and area codes. A single e-mail address only should be indicated.

Unless one of the applicable check-boxes is marked, any e-mail address supplied will be used only for the types of communication which might be made by telephone. If one of the applicable check-boxes is marked, the International Bureau and the International Preliminary Examining Authority may, if they wish to do so, send notifications in respect of the international application to the applicant by e-mail, thus avoiding processing or postal delays. Note that not all Offices will send such notifications by e-mail, (for details about each Office’s procedure see the *PCT Applicant’s Guide*, Annex B). If the first check-box is marked, any such e-mail notification will always be followed by the official notification on paper. Only that paper copy of the notification is considered the legal copy of the notification and only the date of mailing of that paper copy will commence any time limit within the meaning of Rule 80. If the second check-box is marked, the applicant requests the discontinuation of the sending of paper copies of notifications and acknowledges that the date of mailing indicated on the electronic copy will commence any time limit within the meaning of Rule 80.

Note that it is the applicant’s responsibility to keep any e-mail address details up-to-date and to ensure that incoming e-mails are not blocked, for any reason, on the recipient’s side. Changes to the e-mail address indicated should be requested to be recorded, preferably directly at the International Bureau, under Rule 92*bis*. Where the e-mail authorization is given both in respect of the applicant and in respect of an agent or common representative, the International Bureau and the International Preliminary Examining Authority will send e-mail communications only to the appointed agent or common representative.

BOX No. III

Agent or Common Representative (Rules 53.5, 90.1 and 90.2): Mark the applicable check-boxes to indicate *first* whether the person named in this Box is agent or common representative, *then* whether that person *has been appointed earlier* (i.e., during the procedure under Chapter I), or *is appointed in the demand* and any earlier appointment of another person is revoked, or *is appointed specifically for the procedure before the IPEA* (without revocation of any earlier appointment), in addition to the person(s) appointed earlier.

Where an additional person is appointed specifically for the procedure before the IPEA, all notifications issued by the IPEA will be addressed only to that additional person.

A separate power of attorney must be filed with the IPEA, the International Bureau or the receiving Office, if the person appointed at the time the demand is filed (i.e., was not appointed earlier) signs the demand on behalf of the applicant (Rule 90.4). However, the receiving Office, the International Bureau or the IPEA may waive the requirement that a separate power of attorney be filed. For details, see the *PCT Applicant’s Guide*, Annex B(1B), Annex C and Annex E.

Agent’s registration number with the Office (Rule 53.5): Where the agent is registered with the national or regional Office that is acting as International Preliminary Examining Authority, the demand may indicate the number or other indication under which the agent is so registered.

E-mail address (see Notes to Box. No. II).

Address for Correspondence (Rule 4.4(d) and Section 108): Where an agent is appointed, any correspondence intended for the applicant will be sent to the address indicated for that agent (or for the first-mentioned agent, if more than one is appointed). Where one of two or more persons is appointed as common representative, the address indicated for that applicant in Box No. III will be used.

Where no agent or common representative is appointed, any correspondence will be sent to the address, indicated in Box No. II, of the applicant (if only one person is named as applicant) or of the applicant who is considered to be common representative (if there are two or more persons named as applicants). However, if the applicant wishes correspondence to be sent to a different address in such a case, that address may be indicated in Box No. III instead of the designation of an agent or common representative. In this case, and only in this case, the last check-box of Box No. III must be marked (that is, the last check-box must not be marked if either of the check-boxes “agent” or “common representative” in Box No. III has been marked).

BOX No. IV

Statement Concerning Amendments (Rules 53.2(a)(iv), 53.9, 62, 66.1 and 69.1): The international preliminary examination will start on the basis of the international application as filed or, if amendments have been filed, as amended. Mark the appropriate check-box(es) to enable the IPEA to determine when and on what basis it can start international preliminary examination.

Mark the corresponding check-box(es) under No. 1 where the international preliminary examination should start on the basis of the international application as originally filed or where amendments are to be taken into account, as the case

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where amendments are to be taken into account, as the case may be. Where amendments under Article 19 are to be taken into account, the applicant should preferably submit a copy of the amendments made under Article 19, the letter accompanying the amendments (Rule 46.5(b)) and any statement (Rule 62.1(ii)). Where amendments under Article 34 are to be taken into account, the applicant must submit *with the Demand* the amendments of the international application under Article 34, together with a letter which must draw attention to the differences caused by the amendments and indicate the basis for the amendments in the application as filed and shall also explain the reasons for the amendments (Rules 66.8(a) and (c)). If a check-box is marked but the demand is not accompanied by the documents referred to, the start of international preliminary examination will be delayed until the IPEA receives them.

Mark check-box No. 2 if amendments of the claims under Article 19 have been filed with the International Bureau during the Chapter I procedure, but the applicant wishes those amendments to be considered reversed by an amendment under Article 34 (Rule 53.9(a)(ii)).

Mark check-box No. 3 where the applicant wants to keep the option for the filing of amendments of the claims under Article 19 open and where the IPEA wishes to start the international preliminary examination at the same time as the international search in accordance with Rule 69.1(b). The applicant may request the IPEA to **postpone** the start of international preliminary examination until the expiration of the applicable time limit (Rules 46.1, 53.9(b) and 69.1(d)).

Mark check-box No. 4 if the applicant wishes that the international preliminary examination start earlier than at the expiration of the applicable time limit under Rule 54bis.1(a).

Where the ISA and IPEA are not the same Authority, examination will not commence until the IPEA is in possession of the international search report, or a notice of the declaration under Article 17(2)(a) and the written opinion established by the ISA.

The applicable time limit under Rule 54bis.1(a) is three months from the date of transmittal of the international search report or of the declaration referred to in Article 17(2)(a), and the written opinion established by the International Searching Authority, or 22 months from the priority date, whichever expires later.

If no check-box is marked, refer to the footnote at the bottom of the Box.

Language for the Purposes of International Preliminary Examination (Rule 55.2): Where neither the language in which the international application is filed nor the language in which the international application is published is accepted by the IPEA that is to carry out the international preliminary examination, the applicant must furnish with the demand a translation of the international application into a language which is both a language accepted by that Authority and a language of publication.

Where such translation has already been furnished to the International Searching Authority for the purposes of carrying out international search and the IPEA is part of the same Office

or intergovernmental organization as the International Searching Authority, the applicant need not furnish another translation. In such a case the international preliminary examination is carried out on the basis of the translation furnished for the purposes of international search.

The language for the purposes of international preliminary examination should be indicated in Box No. IV and the corresponding check-box should be marked.

Language of Amendments (Rules 55.3 and 66.9): Amendments, letters and statements relating thereto must be in the same language as that in which the international preliminary examination is carried out, as explained in the preceding paragraphs.

Time Limit for Furnishing Translation of the International Application (Rule 55.2): Any required translation of the international application should be furnished (by the applicant) together with the demand. If it is not so furnished, the IPEA will invite the applicant to furnish it within a time limit which shall not be less than one month from the date of the invitation. That time limit may be extended by the IPEA.

BOX No. V

Election of States (Rule 53.7): The making of a demand shall constitute the election of all States which have been designated and which are bound by Chapter II of the PCT.

BOX No. VI

Check List: It is recommended that this Box be filled in carefully in order for the IPEA to determine as soon as possible whether it is in possession of the documents on the basis of which the applicant wishes international preliminary examination to start.

Where the international application contains disclosure of one or more nucleotide and/or amino acid sequences, and a copy of the sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions is required by the IPEA, the applicant may furnish the listing in electronic form to the IPEA with the demand. If this is the case, check-box No. 6 must be marked.

BOX No. VII

Signature (Rules 53.8, 60.1(a-ter), 90.3(a) and 90.4(a) and (d)): The demand must be signed by the applicant or by his agent; if there are several applicants, the demand must be signed by all of them, or by the common agent or the common representative of all of them. However, if the signature(s) of one or more applicants is missing, the IPEA will not invite the applicants to furnish the missing signature(s) provided that at least one of the applicants has signed the demand.

Important: Should a notice of withdrawal be filed at any time during the international phase, that notice will have to be signed by the applicant or, if there are two or more applicant's by all of them (Rule 90bis.5(a)), or by an agent or a common representative whose appointment has been effected by each applicant signing, at his choice, the request, the demand or a separate power of attorney (Rule 90.4(a)).

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may be. Where amendments under Article 19 are to be taken into account, the applicant should preferably submit a copy of the amendments made under Article 19, the letter accompanying the amendments (Rules 62.1(ii) and 46.5(b)) and any statement (Rule 62.1(ii)). Where amendments under Article 34 are to be taken into account, the applicant must submit *with the Demand* the amendments of the international application under Article 34, together with a letter which must draw attention to the differences caused by the amendments and indicate the basis for the amendments in the application as filed and shall also explain the reasons for the amendments (Rule 66.8). If a check-box is marked but the demand is not accompanied by the documents referred to, the start of international preliminary examination will be delayed until the IPEA receives them.

Mark check-box No. 2 if amendments of the claims under Article 19 have been filed with the International Bureau during the Chapter I procedure, but the applicant wishes those amendments to be considered reversed by an amendment under Article 34 (Rule 53.9(a)(ii)).

Mark check-box No. 3 where the applicant wants to keep the option for the filing of amendments of the claims under Article 19 open and where the IPEA wishes to start the international preliminary examination at the same time as the international search in accordance with Rule 69.1(b). The applicant may request the IPEA to **postpone** the start of international preliminary examination until the expiration of the applicable time limit (Rules 46.1, 53.9(b) and 69.1(d)).

Mark check-box No. 4 if the applicant wishes that the international preliminary examination start earlier than at the expiration of the applicable time limit under Rule 54bis.1(a).

Where the ISA and IPEA are not the same Authority, examination will not commence until the IPEA is in possession of the international search report, or a notice of the declaration under Article 17(2)(a) and the written opinion established by the ISA.

The applicable time limit under Rule 54bis.1(a) is three months from the date of transmittal of the international search report or of the declaration referred to in Article 17(2)(a), and the written opinion established by the International Searching Authority, or 22 months from the priority date, whichever expires later.

If no check-box is marked, refer to the footnote at the bottom of the Box.

Language for the Purposes of International Preliminary Examination (Rule 55.2): Where neither the language in which the international application is filed nor the language in which the international application is published is accepted by the IPEA that is to carry out the international preliminary examination, the applicant must furnish with the demand a translation of the international application into a language which is both a language accepted by that Authority and a language of publication.

Where such translation has already been furnished to the International Searching Authority for the purposes of carrying out international search and the IPEA is part of the same Office or intergovernmental organization as the International Searching

Authority, the applicant need not furnish another translation. In such a case the international preliminary examination is carried out on the basis of the translation furnished for the purposes of international search.

The language for the purposes of international preliminary examination should be indicated in Box No. IV and the corresponding check-box should be marked.

Language of Amendments (Rule 55.3): Amendments, letters and statements relating thereto must be in the same language as that in which the international preliminary examination is carried out, as explained in the preceding paragraphs.

Time Limit for Furnishing Translation of the International Application (Rule 55.2): Any required translation of the international application should be furnished (by the applicant) together with the demand. If it is not so furnished, the IPEA will invite the applicant to furnish it within a time limit which shall not be less than one month from the date of the invitation. That time limit may be extended by the IPEA.

BOX No. V

Election of States (Rule 53.7): The making of a demand shall constitute the election of all States which have been designated and which are bound by Chapter II of the PCT.

BOX No. VI

Check List: It is recommended that this Box be filled in carefully in order for the IPEA to determine as soon as possible whether it is in possession of the documents on the basis of which the applicant wishes international preliminary examination to start.

Where the international application contains disclosure of one or more nucleotide and/or amino acid sequences, and a copy of the sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions is required by the IPEA, the applicant may furnish the listing in electronic form to the IPEA with the demand. If this is the case, check-box No. 6 must be marked.

BOX No. VII

Signature (Rules 53.8, 60.1(a-ter), 90.3(a) and 90.4(a) and (d)): The demand must be signed by the applicant or by his agent; if there are several applicants, the demand must be signed by all of them, or by the common agent or the common representative of all of them. However, if the signature(s) of one or more applicants is missing, the IPEA will not invite the applicants to furnish the missing signature(s) provided that at least one of the applicants has signed the demand.

Important: Should a notice of withdrawal be filed at any time during the international phase, that notice will have to be signed by the applicant or, if there are two or more applicant's by all of them (Rule 90bis.5(a)), or by an agent or a common representative whose appointment has been effected by each applicant signing, at his choice, the request, the demand or a separate power of attorney (Rule 90.4(a)).

PCT

FEE CALCULATION SHEET

Annex to the Demand

International application No.	For International Preliminary Examining Authority use only	
Applicant's or agent's file reference	Date stamp of the IPEA	
Applicant		
CALCULATION OF PRESCRIBED FEES		
1. Preliminary examination fee		P
2. Handling fee (<i>Applicants from certain States are entitled to a reduction of 90% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 10% of the handling fee.</i>)		H
3. Total of prescribed fees Add the amounts entered at P and H and enter total in the TOTAL box		
	TOTAL	
MODE OF PAYMENT <i>(Not all modes of payment may be available at all IPEAs)</i>		
<input type="checkbox"/> authorization to charge deposit or current account with the IPEA (see below)	<input type="checkbox"/> credit card (<i>details should be furnished separately and not included on this sheet</i>)	
<input type="checkbox"/> cheque	<input type="checkbox"/> revenue stamps	
<input type="checkbox"/> postal money order	<input type="checkbox"/> cash	
<input type="checkbox"/> bank transfer	<input type="checkbox"/> other (<i>specify</i>): _____	
AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT OR CURRENT ACCOUNT <i>(This mode of payment may not be available at all IPEAs)</i>		
<input type="checkbox"/> Authorization to charge the total fees indicated above.	IPEA/ _____	
<input type="checkbox"/> (<i>This check-box may be marked only if the conditions for deposit or current accounts of the IPEA so permit</i>) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	Deposit or Current Account No.: _____	
	Date: _____	
	Name: _____	
	Signature: _____	

PCT

FEE CALCULATION SHEET

Annex to the Demand

International application No. <hr/> Applicant's or agent's file reference	For International Preliminary Examining Authority use only <hr/> Date stamp of the IPEA		
Applicant			
<p align="center">CALCULATION OF PRESCRIBED FEES</p> <p>1. Preliminary examination fee P</p> <p>2. Handling fee (<i>Applicants from certain States are entitled to a reduction of 90% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 10% of the handling fee.</i>) H</p> <p>3. Total of prescribed fees Add the amounts entered at P and H and enter total in the TOTAL box</p> <div style="text-align: right; border: 1px solid black; width: 200px; margin-left: auto; padding: 5px;"> <p align="center">TOTAL</p> </div>			
<p>MODE OF PAYMENT (<i>Not all modes of payment may be available at all IPEAs</i>)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> authorization to charge deposit or current account with the IPEA (see below) <input type="checkbox"/> cheque <input type="checkbox"/> postal money order <input type="checkbox"/> bank transfer </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> credit card (<i>details should be furnished separately and not included on this sheet</i>) <input type="checkbox"/> revenue stamps <input type="checkbox"/> cash <input type="checkbox"/> other (<i>specify</i>): _____ _____ </td> </tr> </table>		<input type="checkbox"/> authorization to charge deposit or current account with the IPEA (see below) <input type="checkbox"/> cheque <input type="checkbox"/> postal money order <input type="checkbox"/> bank transfer	<input type="checkbox"/> credit card (<i>details should be furnished separately and not included on this sheet</i>) <input type="checkbox"/> revenue stamps <input type="checkbox"/> cash <input type="checkbox"/> other (<i>specify</i>): _____ _____
<input type="checkbox"/> authorization to charge deposit or current account with the IPEA (see below) <input type="checkbox"/> cheque <input type="checkbox"/> postal money order <input type="checkbox"/> bank transfer	<input type="checkbox"/> credit card (<i>details should be furnished separately and not included on this sheet</i>) <input type="checkbox"/> revenue stamps <input type="checkbox"/> cash <input type="checkbox"/> other (<i>specify</i>): _____ _____		
<p>AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT OR CURRENT ACCOUNT (<i>This mode of payment may not be available at all IPEAs</i>)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Authorization to charge the total fees indicated above. <input type="checkbox"/> (<i>This check-box may be marked only if the conditions for deposit or current accounts of the IPEA so permit</i>) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above. </td> <td style="width: 50%; vertical-align: top;"> IPEA/ _____ Deposit or Current Account No.: _____ Date: _____ Name: _____ Signature: _____ </td> </tr> </table>		<input type="checkbox"/> Authorization to charge the total fees indicated above. <input type="checkbox"/> (<i>This check-box may be marked only if the conditions for deposit or current accounts of the IPEA so permit</i>) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	IPEA/ _____ Deposit or Current Account No.: _____ Date: _____ Name: _____ Signature: _____
<input type="checkbox"/> Authorization to charge the total fees indicated above. <input type="checkbox"/> (<i>This check-box may be marked only if the conditions for deposit or current accounts of the IPEA so permit</i>) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	IPEA/ _____ Deposit or Current Account No.: _____ Date: _____ Name: _____ Signature: _____		

**NOTES TO THE FEE CALCULATION SHEET
(ANNEX TO FORM PCT/IPEA/401)**

The purpose of the fee calculation sheet is to help the applicant to identify the prescribed fees and to calculate the amounts to be paid. It is strongly recommended that the applicant complete, by entering the appropriate amounts in the boxes provided, and submit the fee calculation sheet at the time of filing of the demand. This will help the International Preliminary Examining Authority (IPEA) to verify the calculations and to identify any error in them.

CALCULATION OF PRESCRIBED FEES

Two fees must be paid for international preliminary examination:

- (i) the preliminary examination fee for the benefit of the IPEA (Rule 58.1);
- (ii) the handling fee for the benefit of the International Bureau (Rule 57).

Both fees must be paid to the IPEA within one month from the date on which the demand is submitted or 22 months from the priority date, whichever expires later. The amount payable is the amount applicable on the date of payment (Rules 57.3 and 58.1(b)). The fees must be paid in a currency acceptable to the IPEA.

Information about the amount of those fees or about equivalent amounts in other currencies can be obtained from the IPEA or the receiving Office. This information is also published in the *PCT Applicant's Guide*, Annex E, and from time to time in *Official Notices (PCT Gazette)*.

Box P: The amount of the preliminary examination fee must be entered in Box P.

Box H: The amount of the handling fee must be entered in Box H.

Reduction of the Handling Fee for Applicants from Certain States: An applicant who is a natural person and who is a national of and resides in a State whose per capita national income is below 3,000 US dollars (according to the average per capita national income figures used by the United Nations for determining its scale of assessments for the contributions payable for the years 1995, 1996 and 1997), or who is a national of and resides in one of the following States: Antigua and Barbuda, Bahrain, Barbados, the Libyan Arab Jamahiriya, Oman, the Seychelles, Singapore, Trinidad and Tobago and the United Arab Emirates; or an applicant, whether a natural person or not, who is a national of and resides in a State that is classed as a least developed country by the United Nations, is entitled, in accordance with the Schedule of Fees, to a reduction of 90% of certain PCT fees including the handling fee. If there are several applicants, each must satisfy the above-mentioned criteria. The reduction of the handling fee will be automatically available to any applicant (or applicants) who is (or are) so entitled on the basis of the indications of name, nationality and residence given in Box No. II of the demand.

The fee reduction will be available even if one or more of the applicants are not from PCT Contracting States, provided that each of them is a national and resident of a State that meets the above-mentioned requirements and that at least one of the applicants is a national or resident of a PCT Contracting State and thus is entitled to file an international application.

Information about PCT Contracting States whose nationals and residents are entitled to a reduction of 90% of certain PCT fees, including the handling fee, is contained in the *PCT Applicant's Guide*, Annex C and on the WIPO website (see www.wipo.int/pct/en/), and is also published and regularly updated in the *Official Notices (PCT Gazette)* and the *PCT Newsletter*.

Calculation of the Handling Fee in Case of Fee Reduction: Where the applicant is (or all applicants are) entitled to a reduction of the handling fee, the total to be entered at Box H is 10% of the handling fee.

Total Box: The total of the amounts inserted in Boxes P and H is the amount which must be paid to the IPEA.

MODE OF PAYMENT

In order to help the IPEA identify the mode of payment of the prescribed fees, it is recommended to mark the applicable check-box(es).

**AUTHORIZATION TO CHARGE
(OR CREDIT) DEPOSIT OR CURRENT ACCOUNT**

The applicant should check whether the IPEA allows the use of deposit or current accounts for payment of PCT fees. In addition, it is recommended that the applicant check what are the specific conditions applicable to the use of deposit or current accounts with the IPEA since not all IPEAs provide the same services.

Finally, if the IPEA is not the same national Office or intergovernmental organization as that with which the international application was filed, the deposit or current account with the receiving Office cannot be charged for the purpose of paying the preliminary examination and handling fees due to the IPEA.

The IPEA will not charge fees to deposit or current accounts unless the deposit or current account authorization is signed and indicates the deposit or current account number.

**NOTES TO THE FEE CALCULATION SHEET
(ANNEX TO FORM PCT/IPEA/401)**

The purpose of the fee calculation sheet is to help the applicant to identify the prescribed fees and to calculate the amounts to be paid. It is strongly recommended that the applicant complete, by entering the appropriate amounts in the boxes provided, and submit the fee calculation sheet at the time of filing of the demand. This will help the International Preliminary Examining Authority (IPEA) to verify the calculations and to identify any error in them.

CALCULATION OF PRESCRIBED FEES

Two fees must be paid for international preliminary examination:

- (i) the preliminary examination fee for the benefit of the IPEA (Rule 58.1);
- (ii) the handling fee for the benefit of the International Bureau (Rule 57).

Both fees must be paid to the IPEA within one month from the date on which the demand is submitted or 22 months from the priority date, whichever expires later. The amount payable is the amount applicable on the date of payment (Rules 57.3 and 58.1(b)). The fees must be paid in a currency acceptable to the IPEA.

Information about the amount of those fees or about equivalent amounts in other currencies can be obtained from the IPEA or the receiving Office. This information is also published in the *PCT Applicant's Guide*, Annex E, and from time to time in *Official Notices (PCT Gazette)*.

Box P: The amount of the preliminary examination fee must be entered in Box P.

Box H: The amount of the handling fee must be entered in Box H.

Reduction of the Handling Fee for Applicants from Certain States: An applicant who is a natural person and who is a national of and resides in a State whose per capita national income is below 3,000 US dollars (according to the average per capita national income figures used by the United Nations for determining its scale of assessments for the contributions payable for the years 1995, 1996 and 1997), or who is a national of and resides in one of the following States: Antigua and Barbuda, Bahrain, Barbados, the Libyan Arab Jamahiriya, Oman, the Seychelles, Singapore, Trinidad and Tobago and the United Arab Emirates; or an applicant, whether a natural person or not, who is a national of and resides in a State that is classed as a least developed country by the United Nations, is entitled, in accordance with the Schedule of Fees, to a reduction of 90% of certain PCT fees including the handling fee. If there are several applicants, each must satisfy the above-mentioned criteria. The reduction of the handling fee will be automatically available to any applicant (or applicants) who is (or are) so entitled on the basis of the indications of name, nationality and residence given in Box No. II of the demand.

The fee reduction will be available even if one or more of the applicants are not from PCT Contracting States, provided that each of them is a national and resident of a State that meets the above-mentioned requirements and that at least one of the applicants is a national or resident of a PCT Contracting State and thus is entitled to file an international application.

Information about PCT Contracting States whose nationals and residents are entitled to a reduction of 90% of certain PCT fees, including the handling fee, is contained in the *PCT Applicant's Guide*, Annex C and on the WIPO website (see www.wipo.int/pct/en/), and is also published and regularly updated in the *Official Notices (PCT Gazette)* and the *PCT Newsletter*.

Calculation of the Handling Fee in Case of Fee Reduction: Where the applicant is (or all applicants are) entitled to a reduction of the handling fee, the total to be entered at Box H is 10% of the handling fee.

Total Box: The total of the amounts inserted in Boxes P and H is the amount which must be paid to the IPEA.

MODE OF PAYMENT

In order to help the IPEA identify the mode of payment of the prescribed fees, it is recommended to mark the applicable check-box(es).

**AUTHORIZATION TO CHARGE
(OR CREDIT) DEPOSIT OR CURRENT ACCOUNT**

The applicant should check whether the IPEA allows the use of deposit or current accounts for payment of PCT fees. In addition, it is recommended that the applicant check what are the specific conditions applicable to the use of deposit or current accounts with the IPEA since not all IPEAs provide the same services.

Finally, if the IPEA is not the same national Office or intergovernmental organization as that with which the international application was filed, the deposit or current account with the receiving Office cannot be charged for the purpose of paying the preliminary examination and handling fees due to the IPEA.

The IPEA will not charge fees to deposit or current accounts unless the deposit or current account authorization is signed and indicates the deposit or current account number.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY
EXAMINING AUTHORITY

(PCT Rule 66)

To:		
	Date of mailing (day/month/year)	
Applicant's or agent's file reference	REPLY DUE within _____ months/days from the above date of mailing	
International application No.	International filing date (day/month/year)	Priority date (day/month/year)
International Patent Classification (IPC) or both national classification and IPC		
Applicant		

1. The written opinion established by the International Searching Authority:
 is is not
 considered to be a written opinion of the International Preliminary Examining Authority.

2. This _____ (first, etc.) opinion contains indications relating to the following items:

Box No. I Basis of the opinion

Box No. II Priority

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

Box No. IV Lack of unity of invention

Box No. V Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement

Box No. VI Certain documents cited

Box No. VII Certain defects in the international application

Box No. VIII Certain observations on the international application

3. The applicant is hereby **invited to reply** to this opinion.

When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension, see Rule 66.2(e).

How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3.
 For the form and the language of the amendments, see Rules ~~66.8 and 66.9~~.

Also For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4bis.
 For an informal communication with the examiner, see Rule 66.6.
 For an additional opportunity to submit amendments, see Rule 66.4.

If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.

4. The final date by which the international preliminary report on patentability (Chapter II of the PCT) must be established according to Rule 69.2 is: _____

Name and mailing address of the IPEA/	Authorized officer
Facsimile No.	Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY
EXAMINING AUTHORITY

(PCT Rule 66)

To:		Date of mailing (day/month/year)	
Applicant's or agent's file reference		REPLY DUE within _____ months/days from the above date of mailing	
International application No.	International filing date (day/month/year)	Priority date (day/month/year)	
International Patent Classification (IPC) or both national classification and IPC			
Applicant			

1. The written opinion established by the International Searching Authority:
 is is not
considered to be a written opinion of the International Preliminary Examining Authority.

2. This _____ (first, etc.) opinion contains indications relating to the following items:

Box No. I Basis of the opinion

Box No. II Priority

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

Box No. IV Lack of unity of invention

Box No. V Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement

Box No. VI Certain documents cited

Box No. VII Certain defects in the international application

Box No. VIII Certain observations on the international application

3. The applicant is hereby **invited to reply** to this opinion.

When? See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to grant an extension, see Rule 66.2(e).

How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see [Rules 55.3 and 66.8](#).

Also For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4bis. For an informal communication with the examiner, see Rule 66.6. For an additional opportunity to submit amendments, see Rule 66.4.

If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.

4. The final date by which the international preliminary report on patentability (Chapter II of the PCT) must be established according to Rule 69.2 is: _____

Name and mailing address of the IPEA/	Authorized officer
Facsimile No.	Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No. _____

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of:
 - the international application in the language in which it was filed.
 - a translation of the international application into _____ which is the language of a translation furnished for the purposes of:
 - international search (Rules 12.3(a) and 23.1(b)).
 - publication of the international application (Rule 12.4(a)).
 - international preliminary examination (Rules 55.2(a) and/or 55.3(a)).
2. With regard to the **elements** of the international application, this opinion has been established on the basis of (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed."*):
 - the international application as originally filed/furnished
 - the description:
 - pages _____ as originally filed/furnished
 - pages _____ received by this Authority on _____
 - pages _____ received by this Authority on _____
 - the claims:
 - pages _____ as originally filed/furnished
 - pages _____ as amended (together with any statement) under Article 19
 - pages _____ received by this Authority on _____
 - pages _____ received by this Authority on _____
 - the drawings:
 - pages _____ as originally filed/furnished
 - pages _____ received by this Authority on _____
 - pages _____ received by this Authority on _____
 - a sequence listing - see Supplemental Box Relating to Sequence Listing.
3. The amendments have resulted in the cancellation of:
 - the description, pages _____
 - the claims, Nos. _____
 - the drawings, sheets/figs _____
 - the sequence listing (*specify*): _____
4. This opinion has been established as if (some of) the amendments listed below had not been made, since either they are considered to go beyond the disclosure as filed, or they were not accompanied by a letter indicating the basis for the amendments in the application as filed, as indicated in the Supplemental Box (Rules 70.2(c) and (c-bis)):
 - the description, pages _____
 - the claims, Nos. _____
 - the drawings, sheets/figs _____
 - the sequence listing (*specify*): _____
5. This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 66.1(d-bis))
6. Supplementary international search report(s) from Authority(ies) _____ have been received and taken into account in ~~drawing up~~ this opinion (Rule 45bis.8(b) and (c)).

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No. _____

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of:
 - the international application in the language in which it was filed.
 - a translation of the international application into _____ which is the language of a translation furnished for the purposes of:
 - international search (Rules 12.3(a) and 23.1(b)).
 - publication of the international application (Rule 12.4(a)).
 - international preliminary examination (Rules 55.2(a) and/or 55.3(a) and (b)).
2. With regard to the **elements** of the international application, this opinion has been established on the basis of (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed."*):
 - the international application as originally filed/furnished
 - the description:
 - pages _____ as originally filed/furnished
 - pages _____ received by this Authority on _____
 - pages _____ received by this Authority on _____
 - the claims:
 - pages _____ as originally filed/furnished
 - pages _____ as amended (together with any statement) under Article 19
 - pages _____ received by this Authority on _____
 - pages _____ received by this Authority on _____
 - the drawings:
 - pages _____ as originally filed/furnished
 - pages _____ received by this Authority on _____
 - pages _____ received by this Authority on _____
 - a sequence listing - see Supplemental Box Relating to Sequence Listing.
3. The amendments have resulted in the cancellation of:
 - the description, pages _____
 - the claims, Nos. _____
 - the drawings, sheets/figs _____
 - the sequence listing (*specify*): _____
4. This opinion has been established as if (some of) the amendments listed below had not been made, since either they are considered to go beyond the disclosure as filed, or they were not accompanied by a letter indicating the basis for the amendments in the application as filed, as indicated in the Supplemental Box (Rules 70.2(c) and (c-bis)):
 - the description, pages _____
 - the claims, Nos. _____
 - the drawings, sheets/figs _____
 - the sequence listing (*specify*): _____
5. This opinion has been established:
 - taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 66.1(d-bis)).
 - without taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 66.4bis).
6. Supplementary international search report(s) from Authority(ies) _____ has/have been received and taken into account in establishing this opinion (Rule 45bis.8(b) and (c)).

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No.	International filing date (day/month/year)	Priority date (day/month/year)
International Patent Classification (IPC) or national classification and IPC		
Applicant		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of _____ sheets, including this cover sheet.

3. This report is also accompanied by ANNEXES, comprising:

a. (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:

sheets of the description, claims and/or drawings which have been amended ~~and are the basis of this report~~ and/or sheets containing rectifications authorized by this Authority ~~(see Rule 70.16 and Section 607 of the Administrative Instructions)~~.

sheets ~~which supersede earlier sheets, but which this Authority considers~~ contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.

b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____ containing a sequence listing, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see paragraph 3bis of Annex C of the Administrative Instructions).

4. This report contains indications relating to the following items:

Box No. I Basis of the report

Box No. II Priority

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

Box No. IV Lack of unity of invention

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement

Box No. VI Certain documents cited

Box No. VII Certain defects in the international application

Box No. VIII Certain observations on the international application

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/ Facsimile No.	Authorized officer Telephone No.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No.	International filing date (<i>day/month/year</i>)	Priority date (<i>day/month/year</i>)
International Patent Classification (IPC) or national classification and IPC		
Applicant		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of _____ sheets, including this cover sheet.

3. This report is also accompanied by ANNEXES, comprising:

a. (*sent to the applicant and to the International Bureau*) a total of _____ sheets, as follows:

sheets of the description, claims and/or drawings which have been amended and/or sheets containing rectifications authorized by this Authority, unless those sheets were superseded or cancelled, and any accompanying letters (see [Rules 46.5, 66.8, 70.16, 91.2](#), and Section 607 of the Administrative Instructions).

sheets containing rectifications not taken into account by this Authority because they were not available at the time when this Authority began to draw up this report, and any accompanying letters ([Rules 66.4bis, 70.2\(e\), 70.16 and 91.2](#)).

superseded sheets and any accompanying letters, where this Authority either considers that the superseding sheets contain an amendment that goes beyond the disclosure in the international application as filed, or the superseding sheets were not accompanied by a letter indicating the basis for the amendments in the application as filed, as indicated in item 4 of Box No. I and the Supplemental Box (see [Rule 70.16\(b\)](#)).

b. (*sent to the International Bureau only*) a total of (indicate type and number of electronic carrier(s)) _____ containing a sequence listing, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see paragraph *3bis* of Annex C of the Administrative Instructions).

4. This report contains indications relating to the following items:

Box No. I Basis of the report

Box No. II Priority

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

Box No. IV Lack of unity of invention

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement

Box No. VI Certain documents cited

Box No. VII Certain defects in the international application

Box No. VIII Certain observations on the international application

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/ Facsimile No.	Authorized officer Telephone No.

International application No. _____

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Box No. I Basis of the report

1. With regard to the **language**, this report is based on:

- the international application in the language in which it was filed.
- a translation of the international application into _____ which is the language of a translation furnished for the purposes of:
 - international search (Rules 12.3(a) and 23.1(b)).
 - publication of the international application (Rule 12.4(a)).
 - international preliminary examination (Rules 55.2(a) and/or 55.3(a)).

2. With regard to the **elements** of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):

- the international application as originally filed/furnished.
- the description:
 - pages _____ as originally filed/furnished.
 - pages* _____ received by this Authority on _____
 - pages* _____ received by this Authority on _____
- the claims:
 - pages _____ as originally filed/furnished.
 - pages* _____ as amended (together with any statement) under Article 19
 - pages* _____ received by this Authority on _____
 - pages* _____ received by this Authority on _____
- the drawings:
 - pages _____ as originally filed/furnished.
 - pages* _____ received by this Authority on _____
 - pages* _____ received by this Authority on _____
- a sequence listing - see Supplemental Box Relating to Sequence Listing.

3. The amendments have resulted in the cancellation of:

- the description, pages _____
- the claims, Nos. _____
- the drawings, sheets/figs _____
- the sequence listing (*specify*): _____

4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since either they are considered to go beyond the disclosure as filed, or they were not accompanied by a letter indicating the basis for the amendments in the application as filed, as indicated in the Supplemental Box (Rules 70.2(c) and (c-bis)):

- the description, pages _____
- the claims, Nos. _____
- the drawings, sheets/figs _____
- the sequence listing (*specify*): _____

5. This report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (~~Rule~~ 70.2(e)).

6. Supplementary international search report(s) from Authority(ies) _____ have been received and taken into account in **drawing up** this report (Rule 45bis.8(b) and (c)).

* *If item 4 applies, some or all of those sheets may be marked "superseded."*

International application No. _____

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Box No. I	Basis of the report
1.	<p>With regard to the language, this report is based on:</p> <p><input type="checkbox"/> the international application in the language in which it was filed.</p> <p><input type="checkbox"/> a translation of the international application into _____ which is the language of a translation furnished for the purposes of:</p> <p><input type="checkbox"/> international search (Rules 12.3(a) and 23.1(b)).</p> <p><input type="checkbox"/> publication of the international application (Rule 12.4(a)).</p> <p><input type="checkbox"/> international preliminary examination (Rules 55.2(a) and/or 55.3(a) <u>and (b)</u>).</p>
2.	<p>With regard to the elements of the international application, this report is based on (<i>replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report</i>):</p> <p><input type="checkbox"/> the international application as originally filed/furnished.</p> <p><input type="checkbox"/> the description:</p> <p>pages _____ as originally filed/furnished.</p> <p>pages* _____ received by this Authority on _____</p> <p>pages* _____ received by this Authority on _____</p> <p><input type="checkbox"/> the claims:</p> <p>pages _____ as originally filed/furnished.</p> <p>pages* _____ as amended (together with any statement) under Article 19</p> <p>pages* _____ received by this Authority on _____</p> <p>pages* _____ received by this Authority on _____</p> <p><input type="checkbox"/> the drawings:</p> <p>pages _____ as originally filed/furnished.</p> <p>pages* _____ received by this Authority on _____</p> <p>pages* _____ received by this Authority on _____</p> <p><input type="checkbox"/> a sequence listing - see Supplemental Box Relating to Sequence Listing.</p>
3.	<p>The amendments have resulted in the cancellation of:</p> <p><input type="checkbox"/> the description, pages _____</p> <p><input type="checkbox"/> the claims, Nos. _____</p> <p><input type="checkbox"/> the drawings, sheets/figs _____</p> <p><input type="checkbox"/> the sequence listing (<i>specify</i>): _____</p>
4.	<p>This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since either they are considered to go beyond the disclosure as filed, or they were not accompanied by a letter indicating the basis for the amendments in the application as filed, as indicated in the Supplemental Box (Rules 70.2(c) and (c-bis)):</p> <p><input type="checkbox"/> the description, pages _____</p> <p><input type="checkbox"/> the claims, Nos. _____</p> <p><input type="checkbox"/> the drawings, sheets/figs _____</p> <p><input type="checkbox"/> the sequence listing (<i>specify</i>): _____</p>
5.	<p>This report has been established:</p> <p><input type="checkbox"/> taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (<u>Rules 66.1(d-bis) and 70.2(e)</u>).</p> <p><input type="checkbox"/> <u>without taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91(Rules 66.4bis and 70.2(e))</u>.</p>
6.	<p>Supplementary international search report(s) from Authority(ies) _____ has/have been received and taken into account in <u>establishing</u> this report (Rule 45bis.8(b) and (c)).</p>
<p>* If item 4 applies, some or all of those sheets may be marked "superseded."</p>	

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO FURNISH TRANSLATION
FOR THE PURPOSES OF
INTERNATIONAL PRELIMINARY EXAMINATION

(PCT Rules 55.2; 55.3 and 66.9)

To:

Date of mailing
(day/month/year)

Applicant's or agent's file reference	REPLY DUE within ONE MONTH from the above date of mailing
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International application No.	International filing date (day/month/year)	Priority date (day/month/year)
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Applicant

1: The applicant is hereby **invited to furnish** to this International Preliminary Examining Authority, within the time limit indicated above, ~~a translation of the international application into the (one of the) following language(s):~~

~~Failure to furnish the required translation within that time limit will result in the demand being considered not to have been submitted.~~

2: ~~The applicant is hereby invited to furnish to this International Preliminary Examining Authority, within the time limit indicated above, in the following language:~~

the following element(s) referred to in Box VI (~~Check list~~) of the demand:

- translation of the international application
- amendments under Article 34
- amendments under Article 19
- ~~statement under Article 19~~
- ~~letter~~

Failure to furnish the required element(s) in the required language within the time limit indicated above, will result in the amendment not being taken into account for the purposes of international preliminary examination.

Name and mailing address of the IPEA/ Facsimile No.	Authorized officer Telephone No.
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PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO FURNISH TRANSLATION
FOR THE PURPOSES OF
INTERNATIONAL PRELIMINARY EXAMINATION

(PCT Rules 55.2 and 55.3)

To:		Date of mailing (day/month/year)	
Applicant's or agent's file reference		REPLY DUE within ONE MONTH from the above date of mailing	
International application No.	International filing date (day/month/year)	Priority date (day/month/year)	
Applicant			

The applicant is hereby **invited to furnish** to this International Preliminary Examining Authority, within the time limit indicated above, in the following language:

the following element(s) referred to in Box VI (check list) of the demand (form PCT/IPEA/401):

- translation of the international application
Failure to furnish the translation within the time limit indicated above, will result in the demand being considered not to have been submitted.
- amendments under Article 34
- amendments under Article 19
Failure to furnish the amendments in the required language within the time limit indicated above, will result in the amendment not being taken into account for the purposes of international preliminary examination.
- statement under Article 19
Failure to furnish the statement under Article 19 in the required language within the time limit indicated above, may result in the statement being disregarded for the purposes of international preliminary examination.
- accompanying letter
Failure to furnish the accompanying letter in the required language within the time limit indicated above, may result in the amendment not being taken into account for the purposes of international preliminary examination.

Name and mailing address of the IPEA/	Authorized officer
Facsimile No.	Telephone No.