



C.PCT 1177

May 26, 2009

Madam,
Sir,

Proposed modifications of the Administrative Instructions under the PCT and of certain Forms relating to the receiving Office, the International Searching Authority, the International Bureau, and the International Preliminary Examining Authority

This Circular is addressed to your Office in its capacity as receiving Office (RO), 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 to certain Forms relating to the RO, the ISA (also in its function as Authority specified for supplementary search), the International Bureau (IB) and the IPEA as consequential to amendments of the Regulations under the PCT adopted by the PCT Assembly at its thirty-eighth session (see document PCT/A/38/6) and which will enter into force on July 1, 2009. The proposed modifications of the Forms also take into account the modifications of the Administrative Instructions which have been promulgated in Circular C.PCT 1173 with effect from July 1, 2009 concerning, in particular, changes in the processing of and the calculation of fees for international applications containing sequence listing. The occasion of this Circular is also used to propose modifications of certain other Sections of the AIs and to certain Forms providing clarifications and/or corrections.

Proposed modifications of the AIs (Sections 102*bis*, 205, 312, 417, and 707) are set out in Annex I to this Circular. Detailed explanations concerning the proposed modifications of certain Forms are set out in Annex II to this Circular. The proposed modifications of the Forms are set out in Annex III.

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Comments on the proposed modifications of the Administrative Instructions under the PCT and Forms relating to the RO, ISA, the IB and the IPEA

Noting that the modified AIs and Forms should be promulgated with effect from July 1, 2009, you are invited to provide comments, if any, to the International Bureau by June 15, 2009, preferably by fax to (+41-22) 910 00 30 or by email to: *pct.legal@wipo.int*.

Yours sincerely,



Francis Gurry
Director General

Enclosures: Annex I – Proposed modified Sections 102bis, 205, 312, 417, and 707 of the AIs

Annex II – Detailed explanations of the proposed modifications of certain Forms

Annex III – Proposed modified Forms PCT/RO/102, PCT/RO/107, PCT/RO/114, PCT/RO/115, PCT/RO/133, PCT/RO/143, and PCT/RO/159; PCT/ISA/201, PCT/ISA/202, PCT/ISA/203, PCT/ISA/210, PCT/ISA/220, PCT/ISA/225, and PCT/ISA/237; PCT/IB/307, PCT/IB/337, and PCT/IB/373; PCT/IPEA/401, PCT/IPEA/408, PCT/IPEA/409, PCT/IPEA/430 (proposed to be deleted), and PCT/IPEA/441; and PCT/SISA/501, PCT/SISA/502, PCT/SISA/504, and PCT/SISA/506

PROPOSED AMENDMENTS OF THE ADMINISTRATIVE INSTRUCTIONS
AS FROM 1 JULY 2009

Section 102bis
Filing of PCT-EASY Request Together with
PCT-EASY Physical Medium Containing Request Data and Abstract

(a) and (b) [no change]

(c) Item ~~34~~(a) of the Schedule of Fees annexed to the Regulations shall apply to reduce the fees payable in respect of an international application containing a PCT-EASY request filed, together with a PCT-EASY physical medium, with a receiving Office which, under paragraph (a), accepts the filing of such international applications.

Section 205
Numbering and Identification of Claims upon Amendment

(a) Amendments to the claims under Article 19 or Article 34(2)(b) may be made either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed. ~~All the claims appearing on a replacement sheet shall be numbered in Arabic numerals.~~ Where a claim is cancelled, no renumbering of the other claims shall be required. In all cases where claims are renumbered, they shall be renumbered consecutively in Arabic numerals.

(b) The applicant shall, in the letter referred to in ~~the second and third sentences of~~ Rule 46.5(~~ab~~) or ~~in the second and fourth sentences of~~ Rule 66.8(~~ac~~), indicate the differences between the claims as filed and the claims as amended. He shall, in particular, indicate in the said letter, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether:

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

Section 312
Notification of Decision Not to Issue Declaration
that the International Application Is Considered Withdrawn

Where the receiving Office, after having notified the applicant under Rule 29.4(~~a~~) of its intent to issue a declaration under Article 14(4), decides not to issue such a declaration, it shall notify the applicant accordingly.

Section 417
Processing of Amendments under Article 19

(a) [no change] The International Bureau shall record the date on which, under Rule 46.1, any amendment made under Article 19 was received, shall notify the applicant of that date and indicate it in any publication or copy issued by it.

(b) The International Bureau shall mark, in the upper right-hand corner of each replacement sheet submitted under Rule 46.5(a), the international application number, the date on which that sheet was received under Rule 46.1 and, in the middle of the bottom margin, the words "AMENDED SHEET (ARTICLE 19)." It shall keep in its files any replaced sheet; and the letter accompanying the replacement sheet or sheets; ~~and any letter referred to in the last sentence of Rule 46.5(a).~~

(c) The International Bureau shall insert any replacement sheet or sheets in the record copy ~~and, in the case referred to in the last sentence of Rule 46.5(a), shall indicate the cancellations in the record copy.~~

(d) [no change] If, at the time when the demand is received by the International Bureau, the international search report and the written opinion of the International Searching Authority have been established and no amendments under Article 19 have been made, the International Bureau shall inform the International Preliminary Examining Authority accordingly, unless the Authority has informed the International Bureau that it wishes not to be so notified.

Section 707

Calculation of International Filing Fee and Fee Reduction

(a) and (a-bis) [no change]

(b) Item ~~34~~(b), (c) and (d) of the Schedule of Fees annexed to the Regulations shall apply to reduce the fees payable in respect of an international application filed in electronic form with a receiving Office which has notified the International Bureau under Section 710(a) that it is prepared to receive international applications in electronic form or which has decided to receive such an application in accordance with Section 703(d).

[Annex II follows]

DETAILED EXPLANATIONS OF THE PROPOSED MODIFICATIONS OF CERTAIN FORMS

General comment

Consequential to amendments of the Regulations under the PCT and to amendments of the Administrative Instructions which will enter into force on July 1, 2009, certain forms relating to the receiving Office, the International Searching Authority, the International Bureau, the International Preliminary Examining Authority, and the Authority specified for supplementary search are proposed to be modified.

To assist in identifying the changes 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.

Forms relating to the receiving Office

1. PCT/RO/102: It is proposed to modify this Form consequential to the modifications of the AIs promulgated in Circular C.PCT 1173, concerning changes in the processing of and the calculation of fees for international applications containing sequence listings.
2. PCT/RO/107: As suggested by an Office, it is proposed to add the IB and the ISA as recipients of this Notification.
3. PCT/RO/114: It is proposed to add the ISA as recipient of this Notification.
4. PCT/RO/115: It is proposed to modify this Form consequential to the amendment of Rule 29.4.
5. PCT/RO/133: It is proposed to modify this Form consequential to the modifications of the AIs promulgated in Circular C.PCT 1173.
6. PCT/RO/143: It is proposed to modify this Form in line with the changes proposed for Form PCT/RO/115.
7. PCT/RO/159: It is proposed to modify this Form to provide room for the receiving Office to indicate detailed reasons not only for its decision to refuse to restore the right of priority but also, if the RO so wishes, in cases where the request to restore has been accepted.

Forms relating to the International Searching Authority

1. PCT/ISA/201: It is proposed to modify this Form consequential to the modifications of the AIs promulgated in Circular C.PCT 1173.
2. PCT/ISA/202: See comment on Form PCT/ISA/201.
3. PCT/ISA/203: It is proposed to delete item 4 since the furnishing of tables related to sequence listings in electronic form is no longer required for search purposes, consequential to the modifications of the AIs promulgated in Circular C.PCT 1173.
4. PCT/ISA/210: See comment on Form PCT/ISA/201.
5. PCT/ISA/220: It is proposed to modify this Form consequential to the amendment of Rule 46.5.
6. PCT/ISA/225: See comment on Form PCT/ISA/201.
7. PCT/ISA/237: See comment on Form PCT/ISA/201.

Forms relating to the International Bureau

1. PCT/IB/307: It is proposed to modify this Form to correct the accidental deletion of certain information in the current version of this Form.
2. PCT/IB/337: It is proposed to modify this Form to allow the IB to use this Form to inform the IPEA of any supplementary search request that has been filed and to transmit to the IPEA any supplementary search report received.
3. PCT/IB/373: As suggested by an Office, certain minor drafting changes are proposed.

Forms relating to the International Preliminary Examining Authority

1. PCT/IPEA/401 (Demand): It is proposed to modify the Demand consequential to the modifications of the AIs promulgated in Circular C.PCT 1173; in particular, the Box to indicate the “mode of payment” in the fee calculation sheet is proposed to be modified in line with similar modifications recently made to the Request Form (PCT/RO/101).
2. PCT/IPEA/408: It is proposed to modify this Form consequential to the modifications of the AIs promulgated in Circular C.PCT 1173.
3. PCT/IPEA/409: See comment on Form PCT/IPEA/408.
4. PCT/IPEA/430: It is proposed to delete this Form as the procedure described in this Form is no longer applied, following the deletion of the underlying Rule.
5. PCT/IPEA/441: See comment on Form PCT/IPEA/408.

Forms relating to the Authority specified for supplementary search

1. PCT/SISA/501: See comment on Form PCT/ISA/201.
2. PCT/SISA/502: See comment on Form PCT/ISA/201.
3. PCT/SISA/504: See comment on Form PCT/ISA/201.
4. PCT/SISA/506: See comment on Form PCT/ISA/201.

[Annex III follows]

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

To:		PCT	
		NOTIFICATION CONCERNING PAYMENT OF PRESCRIBED FEES	
Applicant's or agent's file reference		(PCT Rules 12bis.1(c), 14, 15 and 16 and Administrative Instructions, Sections 102bis(c), 304, 323(b); 707 (b) and 803)	
		Date of mailing (day/month/year)	
International application No.		International filing date/Date of receipt (day/month/year)	Priority date (day/month/year)
Applicant		PAYMENT DUE see item 3 for time limits	

1. The applicant is hereby notified that this receiving Office has received:

- the payment** of all the prescribed fees, and **an overpayment**, which will be refunded in due course.
- no or insufficient payment** of the prescribed fees and the applicant is hereby **invited to pay the balance due**, as summarized under item 2, within the time limit(s) indicated under item 3.

2. Fees and payment calculation:

_____	-	_____	=	_____
Total fees payable		Amount paid		Balance

- The details of the calculation are given in the Annex.

3. Time limit(s) for payment and amount(s) payable (Rules 14.1, 15.4 and 16.1(f)):

- within ONE MONTH from the date of receipt of the international application (**for the transmittal fee** (if any), **the search fee** and **the international filing fee**). The amount payable for each fee is the amount applicable on the date of receipt of the international application.
- within 16 MONTHS from the priority date (only for the fee for priority document). The applicant's attention is drawn to the fact that the request made by the applicant under Rule 17.1(b) will be considered not to have been made unless the fee is paid within that time limit.

4. Additional observations (if necessary):

- The search copy will not be transmitted to the International Searching Authority until the search fee is paid (therefore the start of the international search will be delayed) (Rule 23.1(a) and (b)).

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

To:	<h2 style="margin: 0;">PCT</h2> <p style="margin: 5px 0 0 0;">NOTIFICATION CONCERNING PAYMENT OF PRESCRIBED FEES</p> <p style="margin: 5px 0 0 0;">(PCT Rules 12<i>bis</i>.1(c), 14, 15 and 16 and Administrative Instructions, Sections 102<i>bis</i>(c), 304, 323(b) and 707)</p>
	Date of mailing <i>(day/month/year)</i>
Applicant's or agent's file reference	PAYMENT DUE see item 3 for time limits
International application No.	International filing date/Date of receipt <i>(day/month/year)</i>
	Priority date <i>(day/month/year)</i>
Applicant	

1. The applicant is hereby notified that this receiving Office has received:

the payment of all the prescribed fees, and **an overpayment**, which will be refunded in due course.

no or insufficient payment of the prescribed fees and the applicant is hereby **invited to pay the balance due**, as summarized under item 2, within the time limit(s) indicated under item 3.

2. **Fees and payment calculation:**

_____ - _____ = _____
 Total fees payable Amount paid Balance

The details of the calculation are given in the Annex.

3. **Time limit(s) for payment and amount(s) payable (Rules 14.1, 15.4 and 16.1(f)):**

within ONE MONTH from the date of receipt of the international application (**for the transmittal fee** (if any), **the search fee** and **the international filing fee**). The amount payable for each fee is the amount applicable on the date of receipt of the international application.

within 16 MONTHS from the priority date (only for the fee for priority document). The applicant's attention is drawn to the fact that the request made by the applicant under Rule 17.1(b) will be considered not to have been made unless the fee is paid within that time limit.

4. **Additional observations (if necessary):**

The search copy will not be transmitted to the International Searching Authority until the search fee is paid (therefore the start of the international search will be delayed) (Rule 23.1(a) and (b)).

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

**ANNEX TO FORM PCT/RO/102
CALCULATION OF THE PRESCRIBED FEES**

International application No. _____

T	Transmittal Fee	
	Prescribed amount: _____ T	<input type="checkbox"/> correct amount
	Amount paid: - _____	<input type="checkbox"/> overpayment
	Balance: = _____	<input type="checkbox"/> balance due
S	Search Fee	
	Prescribed amount: _____ S	<input type="checkbox"/> correct amount
	Amount paid: - _____	<input type="checkbox"/> overpayment
	Balance: = _____	<input type="checkbox"/> balance due
I	International Filing Fee	
	Fixed amount for first 30 sheets: i1	
	_____ x _____ = _____ i2	
	Number of sheets Fee per sheet in excess of 30	
	Reduction where the international application is filed (See <i>PCT Applicant's Guide, International Phase for details on the availability of this reduction</i>):	
	<u>on paper together with a copy in electronic form, in character coded format, of the request and the abstract</u> = _____ r	
	or	
	in electronic form, the request not being in character coded format - _____ r	
	or	
	in electronic form, the request being in character coded format _____ - _____ r	
	or	
	in electronic form, the request, description, claims and abstract being in character coded format - _____ r	
	Sub-total: = _____ i1+i2-r	
	<i>Applicants from certain States are entitled to a reduction of 90% of the international filing fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 10% of the sub-total entered at (i1+i2-r); (see Notes to the Fee Calculation Sheet as annexed to the Request Form, PCT/RO/101, for details):</i> = _____ I	
	Amount paid: - _____	<input type="checkbox"/> correct amount
	Balance: = _____	<input type="checkbox"/> overpayment <input type="checkbox"/> balance due
P	Fee for Priority Document	
	Prescribed amount: _____ P	<input type="checkbox"/> correct amount
	Amount paid: - _____	<input type="checkbox"/> overpayment
	Balance: = _____	<input type="checkbox"/> balance due
ES	Fee for Earlier Search Documents	
	Prescribed amount: _____ ES	<input type="checkbox"/> correct amount
	Amount paid: - _____	<input type="checkbox"/> overpayment
	Balance: = _____	<input type="checkbox"/> balance due

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

To:	<h1 style="margin: 0;">PCT</h1> <p style="margin: 0;">INVITATION RELATING TO CERTAIN PARTS OF THE INTERNATIONAL APPLICATION THAT ARE, OR APPEAR TO BE, MISSING</p> <p style="margin: 0;">(PCT Rule 20.5(a))</p>
Applicant's or agent's file reference	Date of mailing <i>(day/month/year)</i>
International application No.	REPLY DUE within TWO MONTHS from the above date of mailing. See also item 4 below.
Date of receipt <i>(day/month/year)</i>	Priority date <i>(day/month/year)</i>
Applicant	

1. This receiving Office has found ~~that~~:

a. parts of the description are, or appear to be, missing (*specify pages*): _____

b. a part of a claim or a part of the claims are, or appear to be, missing (*specify pages*): _____

c. parts or all of the drawings are, or appear to be, missing (*specify pages*): _____

d. ~~reference~~ to drawings which appear to be missing ~~is~~ made on pages _____

2. The applicant is hereby invited, within the time limit indicated above, at the applicant's option:

(i) to complete the purported international application by furnishing the missing part(s); or

(ii) to confirm in accordance with Rule 20.6(a) that the part was incorporated by reference under Rule 4.18 (see Annex for details);

and to make observations, if any.

3. Where missing drawings are not furnished to this receiving Office within the time limit indicated above, any ~~reference~~ to such drawings in the international application will be considered non-existent (Article 14(2)).

4. **Attention:**

Where the applicant furnishes to this receiving Office, after the date on which all of the requirements of Article 11(1) were fulfilled (and an international filing date has been accorded) but within the time limit indicated above, the missing part so as to complete the international application, this receiving Office will correct the international filing date to the date on which it received that part (Rule 20.5(c)).

The time limit for responding to this invitation expires later than 12 months from the filing date of the earliest application the priority of which is claimed. In the case referred to in paragraph 2.(i), any missing part received by this receiving Office after the expiration of this 12-month period may result not only in the international filing date being corrected but also in that priority claim being considered void for the purposes of the procedure under the PCT (Rule 26bis.2(b)), except if the international application was filed within 14 months from the filing date of the earliest application whose priority is claimed (Rule 26bis.2(c)(iii)).

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

To:	<h2 style="margin: 0;">PCT</h2> <p style="margin: 5px 0 0 0;">INVITATION RELATING TO CERTAIN PARTS OF THE INTERNATIONAL APPLICATION THAT ARE, OR APPEAR TO BE, MISSING</p> <p style="margin: 10px 0 0 0;">(PCT Rule 20.5(a))</p>
	Date of mailing <i>(day/month/year)</i>
Applicant's or agent's file reference	REPLY DUE within TWO MONTHS from the above date of mailing. See also item 4 below.
International application No.	Date of receipt <i>(day/month/year)</i>
	Priority date <i>(day/month/year)</i>
Applicant	

1. This receiving Office has found:

a. parts of the description are, or appear to be, missing (*specify pages*): _____

b. a part of a claim or a part of the claims are, or appear to be, missing (*specify pages*): _____

c. parts or all of the drawings are, or appear to be, missing (*specify pages*): _____

d. references to drawings, which appear to be missing, are made on pages _____

2. The applicant is hereby invited, within the time limit indicated above, at the applicant's option:

(i) to complete the purported international application by furnishing the missing part(s); or

(ii) to confirm in accordance with Rule 20.6(a) that the part was incorporated by reference under Rule 4.18 (see Annex for details);

and to make observations, if any.

3. Where missing drawings are not furnished to this receiving Office within the time limit indicated above, any references to such drawings in the international application will be considered non-existent (Article 14(2)).

4. **Attention:**

Where the applicant furnishes to this receiving Office, after the date on which all of the requirements of Article 11(1) were fulfilled (and an international filing date has been accorded) but within the time limit indicated above, the missing part so as to complete the international application, this receiving Office will correct the international filing date to the date on which it received that part (Rule 20.5(c)).

The time limit for responding to this invitation expires later than 12 months from the filing date of the earliest application the priority of which is claimed. In the case referred to in paragraph 2.(i), any missing part received by this receiving Office after the expiration of this 12-month period may result not only in the international filing date being corrected but also in that priority claim being considered void for the purposes of the procedure under the PCT (Rule 26bis.2(b)), except if the international application was filed within 14 months from the filing date of the earliest application whose priority is claimed (Rule 26bis.2(c)(iii)).

A copy of this Invitation has been sent to the International Bureau and the International Searching Authority.

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

ANNEX TO FORM PCT/RO/107

International application No.

Continuation of item 2:

Where the applicant wishes to confirm in accordance with Rule 20.6(a) that the missing part was incorporated by reference under Rule 4.18, the applicant shall furnish, within two months from the date of mailing of this invitation (Rule 20.7(a)(i)), the following:

1. Written notice confirming that the missing part was incorporated by reference in the international application under Rule 4.18 (*no special Form required*).
2. Sheet or sheets embodying the part concerned as contained in the earlier application, which applicant desires to be part of the international application, in the following language (Rule 12.1*bis*):
 - a. language of filing of the international application, that is, in _____
 - b. language of translation under Rule 12.3(a), that is, in _____
 - c. language of translation under Rule 12.4(a), that is, in _____
3. Where the applicant has not already complied with Rules 17.1(a), (b) or (b-*bis*) in relation to the priority document, a copy of the earlier application as filed.
4. Translation of the earlier application into the following language (Rule 20.6(a)(iii)):
 - a. language of filing of the international application, that is, into _____
 - b. language of translation under Rule 12.3(a), that is, into _____
 - c. language of translation under Rule 12.4(a), that is, into _____
5. Indication(s) where the missing part is contained in the earlier application and, where applicable any translation referred to under item (2), where the missing part is only a part of the description, claims or drawings.

If this receiving Office finds that the requirements of Rules 4.18 and 20.6 have been complied with and that the missing part was completely contained in the earlier application, that part will be considered to have been contained in the purported international application on the date on which one or more elements referred to in Article 11(1)(iii) were first received by this receiving Office.

ANNEX TO FORM PCT/RO/107

International application No.

Continuation of item 2:

Where the applicant wishes to confirm in accordance with Rule 20.6(a) that the missing part was incorporated by reference under Rule 4.18, the applicant shall furnish, within two months from the date of mailing of this invitation (Rule 20.7(a)(i)), the following:

1. Written notice confirming that the missing part was incorporated by reference in the international application under Rule 4.18 (*no special Form required*).
2. Sheet or sheets embodying the part concerned as contained in the earlier application, which applicant desires to be part of the international application, in the following language (Rule 12.1*bis*):
 - a. language of filing of the international application, that is, in _____
 - b. language of translation under Rule 12.3(a), that is, in _____
 - c. language of translation under Rule 12.4(a), that is, in _____
3. Where the applicant has not already complied with Rules 17.1(a), (b) or (b-*bis*) in relation to the priority document, a copy of the earlier application as filed.
4. Translation of the earlier application into the following language (Rule 20.6(a)(iii)):
 - a. language of filing of the international application, that is, into _____
 - b. language of translation under Rule 12.3(a), that is, into _____
 - c. language of translation under Rule 12.4(a), that is, into _____
5. Indication(s) where the missing part is contained in the earlier application and, where applicable any translation referred to under item (2), where the missing part is only a part of the description, claims or drawings.

If this receiving Office finds that the requirements of Rules 4.18 and 20.6 have been complied with and that the missing part was completely contained in the earlier application, that part will be considered to have been contained in the purported international application on the date on which one or more elements referred to in Article 11(1)(iii) were first received by this receiving Office.

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

PCT

NOTIFICATION ON DECISION OF CONFIRMATION
OF INCORPORATION BY REFERENCE
OF ELEMENT OR PART

(PCT Rule 20.6(b) and (c))

To:	
	Date of mailing <i>(day/month/year)</i>
Applicant's or agent's file reference	IMPORTANT NOTIFICATION
International application No.	International filing date/Date of first receipt of papers <i>(day/month/year)</i>
Applicant	

This receiving Office has found that:

1. the requirements of Rules 4.18 and 20.6(a) have been complied with and that an element or part is considered to have been contained in the purported international application on the date on which one or more elements referred to in Article 11(1)(iii) were first received by this receiving Office (for further details on the international filing date accorded see Form PCT/RO/105 issued separately) (Rule 20.6(b)).

This decision concerns page number(s) _____ of the international application received on _____.
For the purposes of Rule 20.6(a)(ii), this decision has been based on:

- a. the priority document furnished under Rule 17.1(a), (b) or (b-bis).
b. a copy of the earlier application as filed (Rule 20.6(a)(ii)).

2. the requirements of Rules 4.18 and 20.6(a) have **not** been complied with and that an element or part is **not** considered to have been contained in the purported international application on the date on which one or more elements referred to in Article 11(1)(iii) were first received by this receiving Office (Rule 20.6(c)), for the reasons indicated in the Annex to this form.

This decision concerns page number(s) _____

For further details concerning the processing of the later submitted parts, only where item 2. applies, see Form PCT/RO/126.

A copy of this ~~notification has been sent to the International Bureau.~~

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

To:	<h1 style="margin: 0;">PCT</h1> <p style="margin: 0;">NOTIFICATION ON DECISION OF CONFIRMATION OF INCORPORATION BY REFERENCE OF ELEMENT OR PART</p> <p style="margin: 0;">(PCT Rule 20.6(b) and (c))</p>
	Date of mailing <i>(day/month/year)</i>
Applicant's or agent's file reference	IMPORTANT NOTIFICATION
International application No.	International filing date/Date of first receipt of papers <i>(day/month/year)</i>
Applicant	

This receiving Office has found that:

1. the requirements of Rules 4.18 and 20.6(a) have been complied with and that an element or part is considered to have been contained in the purported international application on the date on which one or more elements referred to in Article 11(1)(iii) were first received by this receiving Office (for further details on the international filing date accorded see Form PCT/RO/105 issued separately) (Rule 20.6(b)).

This decision concerns page number(s) _____ received on _____ of the international application.
For the purposes of Rule 20.6(a)(ii), this decision has been based on:

a. the priority document furnished under Rule 17.1(a), (b) or (b-bis).

b. a copy of the earlier application as filed (Rule 20.6(a)(ii)).

2. the requirements of Rules 4.18 and 20.6(a) have **not** been complied with and that an element or part is **not** considered to have been contained in the purported international application on the date on which one or more elements referred to in Article 11(1)(iii) were first received by this receiving Office (Rule 20.6(c)), for the reasons indicated in the Annex to this form.

This decision concerns page number(s) _____

For further details concerning the processing of the later submitted parts, only where item 2. applies, see Form PCT/RO/126.

A copy of this Notification has been sent to the International Bureau and the International Searching Authority.

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

International application No.

ANNEX TO FORM PCT/RO/114

Continuation of item 2: this receiving Office refuses the request for incorporation by reference of an element or part for the following reason(s):

- One or more of the following items is not available to the receiving Office and has not been submitted within the applicable time limit under Rule 20.7:
- a sheet or sheets embodying the entire element ~~as~~ contained in the earlier application or the part concerned (Rule 20.6(a)(i));
 - a copy of the earlier application as filed (Rule 20.6(a)(ii));
 - a translation of the earlier application (Rule 20.6(a)(iii));
 - an indication as to where the missing part is contained in the earlier application and, where applicable, in any translation thereof (Rule 20.6(a)(iv));
- The missing element or part is not completely contained in the earlier application ~~of which priority~~ is claimed (*specify*):

Additional comments, where necessary:

ANNEX TO FORM PCT/RO/114

International application No.

Continuation of item 2: this receiving Office refuses the request for incorporation by reference of an element or part for the following reason(s):

- One or more of the following items is not available to the receiving Office and has not been submitted within the applicable time limit under Rule 20.7:
- a sheet or sheets embodying the entire element contained in the earlier application or the part concerned (Rule 20.6(a)(i));
 - a copy of the earlier application as filed (Rule 20.6(a)(ii));
 - a translation of the earlier application (Rule 20.6(a)(iii));
 - an indication as to where the missing part is contained in the earlier application and, where applicable, in any translation thereof (Rule 20.6(a)(iv));
- The missing element or part is not completely contained in the earlier application, the priority of which is claimed (*specify*):

Additional comments, where necessary:

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

PCT

NOTIFICATION OF INTENTION TO MAKE
DECLARATION THAT INTERNATIONAL
APPLICATION CONSIDERED WITHDRAWN

(PCT Article 14(4) and Rule 29.4)

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)
Applicant	

The applicant is hereby notified that, for the reason(s) indicated below, this receiving Office **intends to declare that the international application will be considered withdrawn** based upon the tentative finding that the requirements under Article 11(1) were not complied with at the time the international filing date was accorded.

1. The applicant obviously lacks the right to file an international application with this receiving Office for reasons of residence and nationality (Article 11(1)(i) and Rules 18 and 19).
2. The description is not in (one of) the prescribed language(s), which is (are): _____
(Article 11(1)(ii) and Rules 12.1(a) and 20.1(c)).
3. The claims are not in (one of) the prescribed language(s), which is (are): _____
(Article 11(1)(ii) and Rules 12.1(a) and 20.1(c)).
4. The application does not contain an indication that it is intended as an international application
(Article 11(1)(iii)(a) and Rule 4.2).
5. The application does not contain the name of the applicant, as prescribed
(Article 11(1)(iii)(c) and Rule 20.1(b)).

If the applicant disagrees with this tentative finding, the applicant may, within the time limit indicated above, submit to this receiving Office arguments to that effect.

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

To:	<h1 style="margin: 0;">PCT</h1> <p style="margin: 0;">NOTIFICATION OF INTENTION TO MAKE DECLARATION THAT INTERNATIONAL APPLICATION CONSIDERED WITHDRAWN</p> <p style="margin: 0;">(PCT Article 14(4) and Rule 29.4)</p>
	Date of mailing <i>(day/month/year)</i>
Applicant's or agent's file reference	REPLY DUE within TWO MONTHS from the above date of mailing
International application No.	International filing date <i>(day/month/year)</i>
Applicant	

The applicant is hereby notified that, for the reason(s) indicated below, this receiving Office **intends to declare that the international application will be considered withdrawn** based upon the tentative finding that the requirements under Article 11(1) were not complied with at the time the international filing date was accorded.

1. The applicant obviously lacks the right to file an international application with this receiving Office for reasons of residence and nationality (Article 11(1)(i) and Rules 18 and 19).
2. The description is not in (one of) the prescribed language(s), which is (are): _____
(Article 11(1)(ii) and Rules 12.1(a) and 20.1(c)).
3. The claims are not in (one of) the prescribed language(s), which is (are): _____
(Article 11(1)(ii) and Rules 12.1(a) and 20.1(c)).
4. The application does not contain an indication that it is intended as an international application
(Article 11(1)(iii)(a) and Rule 4.2).
5. The application does not contain the name of the applicant, as prescribed
(Article 11(1)(iii)(c) and Rule 20.1(b)).
6. The application does not contain a part which on the face of it appears to be a description (Article 11(1)(iii)(d) and Rule 5) (See Annex).
7. The application does not contain a part which on the face of it appears to be a claim or claims (Article 11(1)(iii)(e) and Rule 6) (See Annex).

Where item 6 and/or 7 apply, the applicant is hereby invited, within the applicable time limit under Rule 20.7,

(i) to furnish the required correction under Article 11(2), or

(ii) to confirm, in accordance with Rule 20.6(a), that the element referred to in Article 11(1)(iii)(d) and/or (e) was incorporated by reference under Rule 4.18 (see Annex for details),

and to make observations, if any.

If the applicant disagrees with this tentative finding, the applicant may, within the time limit indicated above, submit to this receiving Office arguments to that effect.

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

ANNEX TO FORM PCT/RO/115

International application No. _____

Continuation of items 6 and/or 7:

Where the applicant wishes to confirm in accordance with Rule 20.6(a) that the element referred to in Article 11(1)(iii)(d) and/or (e) was incorporated by reference under Rule 4.18, the applicant shall furnish, within two months from the date of mailing of this invitation (Rule 20.7(a)(i)), the following:

1. Written notice confirming that the element referred to in Article 11(1)(iii)(d) and/or (e) was incorporated by reference in the international application under Rule 4.18 (no special form required).
2. Sheet or sheets embodying the entire element as contained in the earlier application, which the applicant desires to be part of the international application, in the following language (Rule 12.1bis):
 - a. language of filing of the international application, that is, in _____
 - b. language of translation under Rule 12.3(a), that is, in _____
 - c. language of translation under Rule 12.4(a), that is, in _____
3. Where the applicant has not already complied with Rules 17.1(a), (b) or (b-bis) in relation to the priority document, a copy of the earlier application as filed.
4. Translation of the earlier application into the following language (Rule 20.6(a)(iii)):
 - a. language of filing of the international application, that is, into _____
 - b. language of translation under Rule 12.3(a), that is, into _____
 - c. language of translation under Rule 12.4(a), that is, into _____

If this receiving Office finds that the requirements of Rules 4.18 and 20.6 have been complied with and that the element referred to in Article 11(1)(iii)(d) and/or (e) was completely contained in the earlier application, that element will be considered to have been contained in the purported international application on the date on which one or more elements referred to in Article 11(1)(iii) were first received by this receiving Office.

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

To:

PCT

INVITATION TO PAY PRESCRIBED FEES
TOGETHER WITH LATE PAYMENT FEE

(PCT Rule 16bis)

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

1. This receiving Office has found that the prescribed fees (i.e., transmittal fee, search fee and international filing fee) have not been paid (in full), within one month from the date of receipt of the international application (Rules 14, 15 and 16). See below for details of the calculation.

2. The applicant is hereby **invited**, within the time limit indicated above, **to pay the following total amount** (see the Annex for details):

_____ + _____ = _____
 Total unpaid fees Late payment fee Total amount due

3. **Failure to pay** the total amount due within the time limit indicated above may result in the international application being considered withdrawn by this receiving Office.

The applicant's attention is drawn to Rules 16bis.1(c) and 29.

4. Additional observations (if any):

the amount of _____ was received by this receiving Office after the expiration of the applicable time limit; the total amount due indicated above is correspondingly reduced

other observations:

~~5.~~ A copy of this Invitation is being sent to the International Bureau.

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

To:

PCT

INVITATION TO PAY PRESCRIBED FEES
TOGETHER WITH LATE PAYMENT FEE

(PCT Rule 16bis)

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

1. This receiving Office has found that the prescribed fees (i.e., transmittal fee, search fee and international filing fee) have not been paid (in full), within one month from the date of receipt of the international application (Rules 14, 15 and 16). See below for details of the calculation.

2. The applicant is hereby **invited**, within the time limit indicated above, **to pay the following total amount** (see the Annex for details):

_____ + _____ = _____
 Total unpaid fees Late payment fee Total amount due

3. **Failure to pay** the total amount due within the time limit indicated above may result in the international application being considered withdrawn by this receiving Office.

The applicant's attention is drawn to Rules 16bis.1(c) and 29.

4. Additional observations (if any):

the amount of _____ was received by this receiving Office after the expiration of the applicable time limit; the total amount due indicated above is correspondingly reduced

other observations:

A copy of this Invitation is being sent to the International Bureau.

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

**ANNEX TO FORM PCT/RO/133
CALCULATION OF THE PRESCRIBED FEES**

International application No. _____

T	Transmittal Fee			
	Prescribed amount:	_____	T	
	Amount paid:	- _____		<input type="checkbox"/> correct amount
	Balance:	= _____		<input type="checkbox"/> overpayment <input type="checkbox"/> balance due
S	Search Fee			
	Prescribed amount:	_____		
	Amount paid:	- _____	S	
	Balance:	= _____		<input type="checkbox"/> correct amount <input type="checkbox"/> overpayment <input type="checkbox"/> balance due
I	International Filing Fee			
	Fixed amount for first 30 sheets:	_____	i1	
	_____ x _____ = _____		i2	
	Number of sheets in excess of 30	Fee per sheet		
	Additional component:400 x _____ = _____	Fee per sheet	i3	
	Reduction where the international application is filed (See PCT Applicant's Guide, International Phase for details on the availability of this reduction):			
	using the PCT-EASY software:	_____	r	
	or			
	in electronic form where the text of the description, claims and abstract is not in character coded format:	_____	r	
	or			
	in electronic form where the text of the description, claims and abstract is in character coded format:	_____	r	
	Sub-total:	= _____	i1+i2+i3-r	
	<i>Applicants from certain States are entitled to a reduction of 90% of the international filing fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 10% of the sub-total entered at (i1+i2+i3-r); (see Notes to the Fee Calculation Sheet as annexed to the Request Form, PCT/RO/101, for details):</i>			
			I	
	Amount paid:	- _____		<input type="checkbox"/> correct amount <input type="checkbox"/> overpayment <input type="checkbox"/> balance due
	Balance:	= _____		
Late Payment Fee				
The amount of the late payment fee corresponds to:				
<input type="checkbox"/>	50% of total unpaid fees			
<input type="checkbox"/>	the transmittal fee (minimum amount of the late payment fee)			
<input type="checkbox"/>	50% of the international filing fee, not taking into account any fee for each sheet of the international application in excess of 30 sheets (maximum amount of the late payment fee)			

**ANNEX TO FORM PCT/RO/133
CALCULATION OF THE PRESCRIBED FEES**

International application No.

<p>T Transmittal Fee</p> <p>Prescribed amount: _____ T</p> <p>Amount paid: _____ - _____ <input type="checkbox"/> correct amount</p> <p>Balance: _____ = _____ <input type="checkbox"/> overpayment</p> <p>_____ <input type="checkbox"/> balance due</p>	
<p>S Search Fee</p> <p>Prescribed amount: _____ S</p> <p>Amount paid: _____ - _____ <input type="checkbox"/> correct amount</p> <p>Balance: _____ = _____ <input type="checkbox"/> overpayment</p> <p>_____ <input type="checkbox"/> balance due</p>	
<p>I International Filing Fee</p> <p>Fixed amount for first 30 sheets: _____ i1</p> <p>_____ x _____ = _____ i2</p> <p>Number of sheets Fee per sheet in excess of 30</p> <p>Reduction where the international application is filed (See PCT Applicant's Guide, International Phase for details on the availability of this reduction):</p> <p><u>on paper together with a copy in electronic form, in character coded format, of the request and the abstract</u> _____ r</p> <p>or</p> <p><u>in electronic form, the request not being in character coded format</u> _____ r</p> <p>or</p> <p><u>in electronic form, the request being in character coded format</u> _____ r</p> <p>or</p> <p><u>in electronic form, the request, description, claims and abstract being in character coded format</u> _____ r</p> <p>Sub-total: _____ = _____ i1+i2-r</p> <p><i>Applicants from certain States are entitled to a reduction of 90% of the international filing fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 10% of the sub-total entered at (i1+i2-r); (see Notes to the Fee Calculation Sheet as annexed to the Request Form, PCT/RO/101, for details):</i> _____ I</p> <p>Amount paid: _____ - _____ <input type="checkbox"/> correct amount</p> <p>Balance: _____ = _____ <input type="checkbox"/> overpayment</p> <p>_____ <input type="checkbox"/> balance due</p>	
<p>Late Payment Fee</p> <p>The amount of the late payment fee corresponds to:</p> <p><input type="checkbox"/> 50% of total unpaid fees</p> <p><input type="checkbox"/> the transmittal fee (minimum amount of the late payment fee)</p> <p><input type="checkbox"/> 50% of the international filing fee, not taking into account any fee for each sheet of the international application in excess of 30 sheets (maximum amount of the late payment fee)</p>	

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

PCT

NOTIFICATION THAT INTERNATIONAL
APPLICATION CONSIDERED TO BE
WITHDRAWN

(PCT Article 14(4) and Rule 29.1)

To:	
	Date of mailing <i>(day/month/year)</i>
Applicant's or agent's file reference	IMPORTANT NOTIFICATION
International application No.	International filing date <i>(day/month/year)</i>
Applicant	

1. The applicant is hereby notified that this receiving Office **declares the international application considered withdrawn** because it does not comply with all the requirements for according an international filing date.

2. A notification (Form PCT/RO/115) stating the intention to declare the international application considered withdrawn was mailed by this receiving Office on

_____.

3. In response to that notification,

the applicant has not submitted arguments within the prescribed time limit.

the applicant's arguments have been considered but have not been found persuasive for the following reason(s):

4. Consequently, this receiving Office finds that the requirements which were indicated under No. _____ of the said notification were not complied with on the date which was accorded as the international filing date.

5. A copy of this notification has been sent to the International Bureau and to the International Searching Authority

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

To:	<h1 style="margin: 0;">PCT</h1> <p style="margin: 0;">NOTIFICATION OF DECISION ON REQUEST TO RESTORE RIGHT OF PRIORITY</p> <p style="margin: 0;">(PCT Rule 26bis.3(h)(iii))</p>
Applicant's or agent's file reference	Date of mailing <i>(day/month/year)</i>
International application No.	International filing date/Date of receipt <i>(day/month/year)</i>
Applicant	Priority date <i>(day/month/year)</i>
REPLY DUE	
See below	

Upon the request of the applicant:

included in Form PCT/RO/101 at the time of filing of this international application, or

received on _____

to restore the right of priority in respect of the following priority claim(s) _____
this receiving Office has decided:

to restore the right of priority, based on the finding by this receiving Office that the criterion for restoration applied by it is **satisfied**, namely that the failure to file the international application within the priority period:

occurred in spite of due care required by the circumstances having been taken

was unintentional

to refuse the request to restore the right of priority, following issuance of the Notification of Intended Refusal of Request to Restore Right of Priority (Form PCT/RO/158) dated _____ for the following reason(s):

- the request to restore the ~~priority right~~ was not received within the applicable time limit under Rule 26bis.3(e).
- the statement of reasons for the failure to file the international application within the priority period is missing or insufficient (Rule 26bis.3(b)(ii)).
- a declaration in support of the statement of reasons for the failure to file the international application within the priority period is missing or insufficient (Rule 26bis.3(f)).
- evidence in support of the statement of reasons for the failure to file the international application within the priority period is missing or insufficient (Rule 26bis.3(f)).
- lack of or late payment of the fee for restoration (Rule 26bis.3(d)).
- lack of a priority claim in respect of an earlier application in the international application as required under Rule 26bis.3(c).

~~Where appropriate, the reason(s) for refusal are set out fully in the Annex to this form.~~

A copy of this Notification ~~is being~~ sent to the International Bureau.

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

PATENT COOPERATION TREATY

From the RECEIVING OFFICE

To:		PCT	
		Date of mailing (day/month/year)	
Applicant's or agent's file reference		REPLY DUE See below	
International application No.	International filing date/Date of receipt (day/month/year)	Priority date (day/month/year)	
Applicant			

Upon the request of the applicant:

included in Form PCT/RO/101 at the time of filing of this international application, or

received on _____

to restore the right of priority in respect of the following priority claim(s) _____
this receiving Office has decided:

to restore the right of priority, based on the finding by this receiving Office that the criterion for restoration applied by it is **satisfied**, namely that the failure to file the international application within the priority period:

occurred in spite of due care required by the circumstances having been taken

was unintentional

The reasons are set out in the Annex to this form.

to refuse the request to restore the right of priority, following issuance of the Notification of Intended Refusal of Request to Restore Right of Priority (Form PCT/RO/158) dated _____ for the following reason(s):

- the request to restore the right of priority was not received within the applicable time limit under Rule 26bis.3(e).
- the statement of reasons for the failure to file the international application within the priority period is missing or insufficient (Rule 26bis.3(b)(ii)).
- a declaration in support of the statement of reasons for the failure to file the international application within the priority period is missing or insufficient (Rule 26bis.3(f)).
- evidence in support of the statement of reasons for the failure to file the international application within the priority period is missing or insufficient (Rule 26bis.3(f)).
- lack of or late payment of the fee for restoration (Rule 26bis.3(d)).
- lack of a priority claim in respect of an earlier application in the international application as required under Rule 26bis.3(c).

The reason(s) for refusal are set out in the Annex to this form.

A copy of this Notification has been sent to the International Bureau.

Name and mailing address of the receiving Office	Authorized officer
Facsimile No.	Telephone No.

ANNEX TO FORM PCT/RO/159

International application No.

This receiving Office has refused the request to restore the right of priority for the following reason(s):

ANNEX TO FORM PCT/RO/159

International application No.

This receiving Office has made the above decision(s) for the following reasons:

PATENT COOPERATION TREATY

PCT

INTERNATIONAL-TYPE SEARCH REPORT

(PCT Article 15(5))

National application No.	Country or Office of filing	Applicant's or agent's file reference
Filing date (day/month/year)		(Earliest) Priority date (day/month/year)
Applicant		

Date of request for international-type search	International-type search request No.
---	---------------------------------------

This international-type search report has been prepared by this International Searching Authority and is transmitted to the applicant.

This international-type search report consists of a total of _____ sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international-type search was carried out on the basis of:

the application in the language in which it was filed.

a translation of the application into _____ which is the language of a translation furnished for the purposes of the international-type search.

b. This international-type search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91.

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (See Box No. II).

3. **Unity of invention is lacking** (See Box No. III).

PATENT COOPERATION TREATY

PCT

INTERNATIONAL-TYPE SEARCH REPORT

(PCT Article 15(5))

National application No.	Country or Office of filing	Applicant's or agent's file reference
Filing date (day/month/year)		(Earliest) Priority date (day/month/year)
Applicant		

Date of request for international-type search	International-type search request No.
---	---------------------------------------

This international-type search report has been prepared by this International Searching Authority and is transmitted to the applicant.

This international-type search report consists of a total of _____ sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international-type search was carried out on the basis of:

the application in the language in which it was filed.

a translation of the application into _____ which is the language of a translation furnished for the purposes of the international-type search.

b. This international-type search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91.

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (See Box No. II).

3. **Unity of invention is lacking** (See Box No. III).

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.c of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, this international-type search was carried out on the basis of :
 - a. ~~type of material~~
 - ~~a sequence listing~~
 - ~~table(s) related to the sequence listing~~
 - b. ~~format of material~~
 - on paper
 - in electronic form
 - e. time of filing/furnishing
 - contained in the application as filed
 - filed together with the application in electronic form
 - furnished subsequently to this Authority for the purposes of search
2. In addition, in the case that more than one version or copy of a sequence listing ~~and/or table relating thereto~~ has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.c of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, this international-type search was carried out on the basis of:
 - a. a sequence listing filed or furnished
 - on paper
 - in electronic form
 - b. time of filing or furnishing
 - contained in the application as filed
 - filed together with the application in electronic form
 - furnished subsequently to this Authority for the purposes of search
2. In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international-type search report has not been established in respect of certain claims for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the national application that do not comply with the prescribed requirements to such an extent that no meaningful international-type search can be carried out, specifically:

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this national application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international-type search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international-type search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international-type search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international-type search report has not been established in respect of certain claims for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the national application that do not comply with the prescribed requirements to such an extent that no meaningful international-type search can be carried out, specifically:

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this national application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international-type search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international-type search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international-type search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.

INTERNATIONAL-TYPE SEARCH REPORT
Information on patent family members

Search request No.

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INTERNATIONAL-TYPE SEARCH REPORT
Information on patent family members

Search request No.

--	--

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

[Empty search report content area]

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

[Empty search report content area]

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF RECEIPT
OF SEARCH COPY

(PCT Rule 25.1)

To:		Date of mailing (day/month/year)	
		Applicant's or agent's file reference	
Applicant's or agent's file reference		IMPORTANT NOTIFICATION	
International application No.	International filing date (day/month/year)	Priority date (day/month/year)	
Applicant			

1. **Where the International Searching Authority and the receiving Office are not the same Office:**
The applicant is hereby notified that the search copy of the international application was received by this International Searching Authority on the date indicated below.

Where the International Searching Authority and the receiving Office are the same Office:
The applicant is hereby notified that the search copy of the international application was received on the date indicated below.

_____ (date of receipt).

2. The search copy was accompanied by a nucleotide and/or amino acid sequence listing ~~or tables related thereto~~ in electronic form.

3. The search copy contained a nucleotide and/or amino acid sequence listing ~~or tables related thereto~~ in electronic form.

4. **Time limit for establishment of international search report and written opinion of the International Searching Authority**
The applicant is informed that the time limit for establishing the international search report and the written opinion of the International Searching Authority is three months from the date of receipt indicated above or nine months from the priority date, whichever time limit expires later (Rules 42.1 and 43bis.1(a)).

~~5.~~ A copy of this ~~notification~~ has been sent to the International Bureau and, where the first sentence of paragraph 1 applies, to the receiving Office.

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

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF RECEIPT
OF SEARCH COPY

(PCT Rule 25.1)

To:		Date of mailing (day/month/year)	
Applicant's or agent's file reference		IMPORTANT NOTIFICATION	
International application No.	International filing date (day/month/year)	Priority date (day/month/year)	
Applicant			

1. **Where the International Searching Authority and the receiving Office are not the same Office:**
The applicant is hereby notified that the search copy of the international application was received by this International Searching Authority on the date indicated below.

Where the International Searching Authority and the receiving Office are the same Office:
The applicant is hereby notified that the search copy of the international application was received on the date indicated below.

_____ (date of receipt)

2. The search copy was accompanied by a nucleotide and/or amino acid sequence listing in electronic form.

3. The search copy contained a nucleotide and/or amino acid sequence listing in electronic form.

4. **Time limit for establishment of international search report and written opinion of the International Searching Authority**
The applicant is informed that the time limit for establishing the international search report and the written opinion of the International Searching Authority is three months from the date of receipt indicated above or nine months from the priority date, whichever time limit expires later (Rules 42.1 and 43bis.1(a)).

A copy of this Notification has been sent to the International Bureau and, where the first sentence of paragraph 1 applies, to the receiving Office.

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

PATENT COOPERATION TREATY
PCT

DECLARATION OF NON-ESTABLISHMENT OF INTERNATIONAL SEARCH REPORT
(PCT Article 17(2)(a), Rules 13^{ter}.1(c) and (d) and 39)

Applicant's or agent's file reference	IMPORTANT DECLARATION	Date of mailing (<i>day/month/year</i>)
International application No.	International filing date (<i>day/month/year</i>)	(Earliest) Priority Date (<i>day/month/year</i>)
International Patent Classification (IPC) or both national classification and IPC		
Applicant		

This International Searching Authority hereby declares, according to Article 17(2)(a), that **no international search report will be established** on the international application for the reasons indicated below.

1. The subject matter of the international application relates to:
 - a. scientific theories
 - b. mathematical theories
 - c. plant varieties
 - d. animal varieties
 - e. essentially biological processes for the production of plants and animals, other than microbiological processes and the products of such processes
 - f. schemes, rules or methods of doing business
 - g. schemes, rules or methods of performing purely mental acts
 - h. schemes, rules or methods of playing games
 - i. methods for treatment of the human body by surgery or therapy
 - j. methods for treatment of the animal body by surgery or therapy
 - k. diagnostic methods practised on the human or animal body
 - l. mere presentations of information
 - m. computer programs for which this International Searching Authority is not equipped to search prior art
2. The failure of the following parts of the international application to comply with prescribed requirements prevents a meaningful search from being carried out:

the description the claims the drawings
3. A meaningful search could not be carried out without the sequence listing; the applicant did not, within the prescribed time limit:
 - furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
 - furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
 - pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13^{ter}.1(a) or (b).
4. ~~A meaningful search could not be carried out without the tables related to the sequence listings; the applicant did not, within the prescribed time limit, furnish such tables in electronic form complying with the technical requirements provided for in Annex C-bis of the Administrative Instructions, and such tables were not available to the International Searching Authority in a form and manner acceptable to it.~~
5. ~~Further comments:~~

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

PATENT COOPERATION TREATY

PCT

DECLARATION OF NON-ESTABLISHMENT OF INTERNATIONAL SEARCH REPORT
(PCT Article 17(2)(a), Rules 13ter.1(c) and (d) and 39)

Applicant's or agent's file reference	IMPORTANT DECLARATION	Date of mailing (<i>day/month/year</i>)
International application No.	International filing date (<i>day/month/year</i>)	(Earliest) Priority Date (<i>day/month/year</i>)
International Patent Classification (IPC) or both national classification and IPC		
Applicant		

This International Searching Authority hereby declares, according to Article 17(2)(a), that **no international search report will be established** on the international application for the reasons indicated below.

1. The subject matter of the international application relates to:
 - a. scientific theories
 - b. mathematical theories
 - c. plant varieties
 - d. animal varieties
 - e. essentially biological processes for the production of plants and animals, other than microbiological processes and the products of such processes
 - f. schemes, rules or methods of doing business
 - g. schemes, rules or methods of performing purely mental acts
 - h. schemes, rules or methods of playing games
 - i. methods for treatment of the human body by surgery or therapy
 - j. methods for treatment of the animal body by surgery or therapy
 - k. diagnostic methods practised on the human or animal body
 - l. mere presentations of information
 - m. computer programs for which this International Searching Authority is not equipped to search prior art
2. The failure of the following parts of the international application to comply with prescribed requirements prevents a meaningful search from being carried out:

<input type="checkbox"/> the description	<input type="checkbox"/> the claims	<input type="checkbox"/> the drawings
--	-------------------------------------	---------------------------------------
3. A meaningful search could not be carried out without the sequence listing; the applicant did not, within the prescribed time limit:
 - furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
 - furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
 - pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13ter.1(a) or (b).
4. Further comments:

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

PATENT COOPERATION TREATY
PCT

INTERNATIONAL SEARCH REPORT
(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No.	International filing date (<i>day/month/year</i>)	(Earliest) Priority Date (<i>day/month/year</i>)
Applicant		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of _____ sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out 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)).

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (see Box No. II).

3. **Unity of invention is lacking** (see Box No. III).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. _____

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No.	International filing date (<i>day/month/year</i>)	(Earliest) Priority Date (<i>day/month/year</i>)
Applicant		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of _____ sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the international search was carried out 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)).

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (see Box No. II).

3. **Unity of invention is lacking** (see Box No. III).

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the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. _____

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.c of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of:
- a. ~~type of material~~
- ~~a sequence listing~~
- ~~table(s) related to the sequence listing~~
- b. ~~format of material~~
- on paper
- in electronic form
- c. time of filing/furnishing
- contained in the international application as filed
- filed together with the international application in electronic form
- furnished subsequently to this Authority for the purposes of search
2. In addition, in the case that more than one version or copy of a sequence listing ~~and/or table relating thereto~~ has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

INTERNATIONAL SEARCH REPORT

International application No.

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.c of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of:
 - a. a sequence listing filed or furnished
 - on paper
 - in electronic form
 - b. time of filing or furnishing
 - contained in the international application as filed
 - filed together with the international application in electronic form
 - furnished subsequently to this Authority for the purposes of search
2. In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

INTERNATIONAL SEARCH REPORT

International application No.

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

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INTERNATIONAL SEARCH REPORT

International application No.

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

Box No. IV	Text of the abstract (Continuation of item 5 of the first sheet)
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INTERNATIONAL SEARCH REPORT

International application No.

A. CLASSIFICATION OF SUBJECT MATTER According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages		
	Relevant to claim No.		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input type="checkbox"/> Further documents are listed in the continuation of Box C.</td> <td style="width: 50%; border: none;"><input type="checkbox"/> See patent family annex.</td> </tr> </table>		<input type="checkbox"/> Further documents are listed in the continuation of Box C.	<input type="checkbox"/> See patent family annex.
<input type="checkbox"/> Further documents are listed in the continuation of Box C.	<input type="checkbox"/> See patent family annex.		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed </td> <td style="width: 50%; border: none;"> "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family </td> </tr> </table>		* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family
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Date of the actual completion of the international search	Date of mailing of the international search report		
Name and mailing address of the ISA/	Authorized officer		
Facsimile No.	Telephone No.		

INTERNATIONAL SEARCH REPORT

International application No.

A. CLASSIFICATION OF SUBJECT MATTER			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages		
	Relevant to claim No.		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.			
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed </td> <td style="width: 50%; border: none;"> "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family </td> </tr> </table>		* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family
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Date of the actual completion of the international search	Date of mailing of the international search report		
Name and mailing address of the ISA/ Facsimile No.	Authorized officer Telephone No.		

INTERNATIONAL SEARCH REPORT

International application No.

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.

INTERNATIONAL SEARCH REPORT

International application No.

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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INTERNATIONAL SEARCH REPORT

International application No.

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INTERNATIONAL SEARCH REPORT

International application No.

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PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT AND
THE WRITTEN OPINION OF THE INTERNATIONAL
SEARCHING AUTHORITY, OR THE DECLARATION

(PCT Rule 44.1)

To:	
	Date of mailing (day/month/year)
Applicant's or agent's file reference	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No.	International filing date (day/month/year)
Applicant	

1. The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:
The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
1211 Geneva 20, Switzerland, Facsimile No.: +41 22 338 82 70

For more detailed instructions, see the notes on the accompanying sheet.

2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Reminders**

Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90*bis*.1 and 90*bis*.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide, Volume II*, National Chapters and the ~~WIPO Internet site~~.

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

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT AND
THE WRITTEN OPINION OF THE INTERNATIONAL
SEARCHING AUTHORITY, OR THE DECLARATION

(PCT Rule 44.1)

To:	
	Date of mailing (day/month/year)
Applicant's or agent's file reference	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No.	International filing date (day/month/year)
Applicant	

1. The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

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When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.

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1211 Geneva 20, Switzerland, Facsimile No.: +41 22 338 82 70

For more detailed instructions, see the notes on the accompanying sheet.

2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

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the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Reminders**

Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, National Chapters.

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

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*, ~~a publication of WIPO.~~

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

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only (see *PCT Applicant's Guide*, ~~Volume I/A, Annexes B1 and B2~~).

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see *PCT Applicant's Guide*, ~~Volume I/A~~, paragraph 296).

What parts of the international application may be amended ?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Preliminary Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When ? Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments ?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How ? Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

~~A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.~~

~~All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Section 205(b)).~~

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments ?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter 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.

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*.

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

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only (see *PCT Applicant's Guide*, [Annex B](#)).

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see *PCT Applicant's Guide*, paragraph 296).

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Preliminary Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When? Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How? Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet or sheets containing a complete set of claims in replacement of all the claims previously filed must be submitted.

Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively in Arabic numerals (Section 205(a)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter 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.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:
“Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added.”
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:
“Claims 1 to 15 replaced by amended claims 1 to 11.”
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
“Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added.” or
“Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged.”
4. [Where various kinds of amendments are made]:
“Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added.”

“Statement under Article 19(1)” (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words “Statement under Article 19(1).”

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

If a demand for international preliminary examination is made, the written opinion of the International Searching Authority will, except in certain cases where the International Preliminary Examining Authority did not act as International Searching Authority and where it has notified the International Bureau under Rule 66.1bis(b), be considered to be a written opinion of the International Preliminary Examining Authority. If a demand is made, the applicant may submit to the International Preliminary Examining Authority a reply to the written opinion 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 (Rule 43bis.1(c)).

Consequence with regard to translation of the international application for entry into the national phase

The applicant’s attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see the *PCT Applicant’s Guide*, ~~Volume H~~.

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:
“Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added.”
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:
“Claims 1 to 15 replaced by amended claims 1 to 11.”
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
“Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added.” or
“Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged.”
4. [Where various kinds of amendments are made]:
“Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added.”

“Statement under Article 19(1)” (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international application is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words “Statement under Article 19(1).”

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments and any accompanying statement, under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the time of filing the amendments (and any statement) with the International Bureau, also file with the International Preliminary Examining Authority a copy of such amendments (and of any statement) and, where required, a translation of such amendments for the procedure before that Authority (see Rules 55.3(a) and 62.2, first sentence). For further information, see the Notes to the demand form (PCT/IPEA/401).

If a demand for international preliminary examination is made, the written opinion of the International Searching Authority will, except in certain cases where the International Preliminary Examining Authority did not act as International Searching Authority and where it has notified the International Bureau under Rule 66.1*bis*(b), be considered to be a written opinion of the International Preliminary Examining Authority. If a demand is made, the applicant may submit to the International Preliminary Examining Authority a reply to the written opinion 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 (Rule 43*bis*.1(c)).

Consequence with regard to translation of the international application for entry into the national phase

The applicant’s attention is drawn to the fact that, upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see the *PCT Applicant’s Guide, National Chapters*.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:	<h2 style="margin: 0;">PCT</h2> <p style="margin: 0;">INVITATION TO FURNISH NUCLEOTIDE AND/OR AMINO ACID SEQUENCE LISTING AND/OR TABLES RELATED THERETO COMPLYING WITH STANDARD AND/OR TECHNICAL REQUIREMENTS, AND TO PAY, WHERE APPLICABLE, LATE FURNISHING FEE</p> <p style="margin: 0;">(PCT Rule 13ter.1(a) to (d) and Administrative Instructions, Sections 208 and 802 and Annexes C and C-bis)</p>
	Date of mailing <i>(day/month/year)</i>
Applicant's or agent's file reference	REPLY DUE within _____ months/days from the above date of mailing
International application No.	International filing date <i>(day/month/year)</i>
Applicant	

1. The applicant is hereby **invited**, within the time limit indicated above, to furnish to this Authority:

a nucleotide and/or amino acid sequence listing **on paper** complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a **statement** to the effect that the sequence listing does not go beyond the disclosure in the international application as filed

a **statement** to the effect that the sequence listing on paper, already furnished to this Authority, does not go beyond the disclosure in the international application as filed

a nucleotide and/or amino acid sequence listing ~~and/or tables related thereto~~ **in electronic form** complying with the ~~standard and/or technical requirements provided for in Annex C and/or Annex C-bis~~ of the Administrative Instructions, accompanied by a **statement** that the information recorded in electronic form is identical to the sequence listing ~~and/or tables related thereto on paper~~

~~a statement that the information recorded in electronic form (that electronic form having already been furnished to this Authority) is identical to the sequence listing and/or tables related thereto on paper~~

2. The applicant is hereby invited, within the time limit indicated above, to pay to this Authority:

a late furnishing fee in the amount of _____ *(amount/currency)*

3. **Failure to comply with this invitation** may result in this Authority only carrying out the international search to the extent that a meaningful search can be carried out without the sequence listing.

4. Further observations *(if necessary)*:

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

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:

PCT

INVITATION TO FURNISH NUCLEOTIDE AND/OR AMINO ACID SEQUENCE LISTING AND TO PAY, WHERE APPLICABLE, LATE FURNISHING FEE

(PCT Rule 13ter.1(a) to (d) and Administrative Instructions, [Section 208 and Annex C.](#))

	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)
Applicant	

1. The applicant is hereby **invited**, within the time limit indicated above, to furnish to this Authority:

- a nucleotide and/or amino acid sequence listing **on paper** complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a **statement** to the effect that the sequence listing does not go beyond the disclosure in the international application as filed.
- a **statement** to the effect that the sequence listing on paper, already furnished to this Authority, does not go beyond the disclosure in the international application as filed.
- a nucleotide and/or amino acid sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a **statement** that the information recorded in electronic form is identical to the sequence listing as contained in the international application as filed.
- a statement confirming that the information recorded in electronic form submitted under Rule 13ter is identical to the sequence listing as contained in the international application as filed.

2. The applicant is hereby invited, within the time limit indicated above, to pay to this Authority:

- a late furnishing fee in the amount of _____ (*currency/amount*)

3. **Failure to comply with this invitation** may result in this Authority only carrying out the international search to the extent that a meaningful search can be carried out without the sequence listing.

4. Further observations (*if necessary*):

Name and mailing address of the ISA/ Facsimile No.	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		

<p>1. This opinion contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the opinion</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input type="checkbox"/> Box No. V Reasoned statement under Rule 43<i>bis</i>.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p> <p>2. FURTHER ACTION</p> <p>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<i>bis</i>(b) that written opinions of this International Searching Authority will not be so considered.</p> <p>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.</p> <p>For further options, see Form PCT/ISA/220.</p> <p>3. For further details, see notes to Form PCT/ISA/220.</p>
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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		

<p>1. This opinion contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the opinion</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input type="checkbox"/> Box No. V Reasoned statement under Rule 43<i>bis</i>.1(a)(i) with regard to novelty, inventive step <u>and</u> industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p> <p>2. FURTHER ACTION</p> <p>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<i>bis</i>(b) that written opinions of this International Searching Authority will not be so considered.</p> <p>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.</p> <p>For further options, see Form PCT/ISA/220.</p> <p>3. For further details, see notes to Form PCT/ISA/220.</p>

Name and mailing address of the ISA/ Facsimile No.	Date of completion of this opinion	Authorized officer Telephone No.
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WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

Box No. I Basis of this 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)).
2. 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 43bis.1(a))
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of:
 - a. ~~type of material~~
 - ~~a sequence listing~~
 - ~~table(s) related to the sequence listing~~
 - b. ~~format of material~~
 - on paper
 - in electronic form
 - e. ~~time of filing/furnishing~~
 - contained in the international application as filed
 - filed together with the international application in electronic form
 - furnished subsequently to this Authority for the purposes of search
4. In addition, in the case that more than one version or copy of a sequence listing ~~and/or table(s) relating thereto~~ has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

Box No. I **Basis of this 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)).

2. 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 43bis.1(a))

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of:
 - a. a sequence listing filed or furnished
 - on paper
 - in electronic form

 - b. time of filing or furnishing
 - contained in the international application as filed
 - filed together with the international application in electronic form
 - furnished subsequently to this Authority for the purposes of search

4. In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

5. Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

Box No. II Priority

1. The validity of the priority claim has not been considered because the International Searching Authority does not have in its possession a copy of the earlier application whose priority has been claimed or, where required, a translation of that earlier application. This opinion has nevertheless been established on the assumption that the relevant date (Rules 43*bis*.1 and 64.1) is the claimed priority date.
2. This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rules 43*bis*.1 and 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.
3. Additional observations, if necessary:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

Box No. II Priority

1. The validity of the priority claim has not been considered because the International Searching Authority does not have in its possession a copy of the earlier application whose priority has been claimed or, where required, a translation of that earlier application. This opinion has nevertheless been established on the assumption that the relevant date (Rules 43*bis*.1 and 64.1) is the claimed priority date.
2. This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rules 43*bis*.1 and 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.
3. Additional observations, if necessary:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No. _____

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

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

- the entire international application.
- claims Nos. _____

because:

- the said international application, or the said claims Nos. _____ relate to the following subject matter which does not require an international search (*specify*):

- the description, claims or drawings (*indicate particular elements below*) or said claims Nos. _____ are so unclear that no meaningful opinion could be formed (*specify*):

- the claims, or said claims Nos. _____ are so inadequately supported by the description that no meaningful opinion could be formed (*specify*):

- no international search report has been established for said claims Nos. _____

- a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:

- furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
- furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
- pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13ter.1(a) or (b).

- ~~a meaningful opinion could not be formed without the tables related to the sequence listings; the applicant did not, within the prescribed time limit, furnish such tables in electronic form complying with the technical requirements provided for in Annex C-bis of the Administrative Instructions, and such tables were not available to the International Searching Authority in a form and manner acceptable to it.~~

- ~~the tables related to the nucleotide and/or amino acid sequence listing, if in electronic form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.~~

- See Supplemental Box for further details.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

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

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

- the entire international application.
- claims Nos. _____

because:

- the said international application, or the said claims Nos. _____ relate to the following subject matter which does not require an international search (*specify*):

- the description, claims or drawings (*indicate particular elements below*) or said claims Nos. _____ are so unclear that no meaningful opinion could be formed (*specify*):

- the claims, or said claims Nos. _____ are so inadequately supported by the description that no meaningful opinion could be formed (*specify*):

- no international search report has been established for said claims Nos. _____

- a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:

- furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
- furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
- pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13ter.1(a) or (b).

- See Supplemental Box for further details.

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

Box No. IV Lack of unity of invention

1. In response to the invitation (Form PCT/ISA/206) to pay additional fees the applicant has, within the applicable time limit:
- paid additional fees.
 - paid additional fees under protest and, where applicable, the protest fee.
 - paid additional fees under protest but the applicable protest fee was not paid.
 - not paid additional fees.
2. This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is
- complied with.
 - not complied with for the following reasons:
4. Consequently, this opinion has been established in respect of the following parts of the international application:
- all parts.
 - the parts relating to claims Nos. _____

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

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

1. Statement

Novelty (N)	Claims	_____	YES
	Claims	_____	NO
Inventive step (IS)	Claims	_____	YES
	Claims	_____	NO
Industrial applicability (IA)	Claims	_____	YES
	Claims	_____	NO

2. Citations and explanations:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

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

1. Statement

Novelty (N)	Claims	_____	YES
	Claims	_____	NO
Inventive step (IS)	Claims	_____	YES
	Claims	_____	NO
Industrial applicability (IA)	Claims	_____	YES
	Claims	_____	NO

2. Citations and explanations:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

Box No. VI Certain documents cited

1. Certain published documents (Rules 43bis.1 and 70.10)

Application No. Patent No.	Publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
-------------------------------	--------------------------------------	---------------------------------	---

2. Non-written disclosures (Rules 43bis.1 and 70.9)

Kind of non-written disclosure	Date of non-written disclosure (day/month/year)	Date of written disclosure referring to non-written disclosure (day/month/year)
--------------------------------	--	---

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

Box No. VI Certain documents cited

1. Certain published documents (Rules 43bis.1 and 70.10)

<u>Application No. Patent No.</u>	<u>Publication date (day/month/year)</u>	<u>Filing date (day/month/year)</u>	<u>Priority date (valid claim) (day/month/year)</u>
---------------------------------------	--	---	---

2. Non-written disclosures (Rules 43bis.1 and 70.9)

<u>Kind of non-written disclosure</u>	<u>Date of non-written disclosure (day/month/year)</u>	<u>Date of written disclosure referring to non-written disclosure (day/month/year)</u>
---------------------------------------	--	--

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of:

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF WITHDRAWAL OF
INTERNATIONAL APPLICATION OR
DESIGNATIONS

(PCT Rules 90*bis*.1 and 90*bis*.2 and
Administrative Instructions, Section 415(a))

To:

Date of mailing (day/month/year)		IMPORTANT NOTIFICATION	
Applicant's or agent's file reference			
International application No.	International filing date (day/month/year)	Priority date (day/month/year)	
Applicant			

1. The applicant is hereby notified that, except as to any designated State in which national processing or examination has already started upon the express request of the applicant:

- the international application
- the designations of the following States:
- for a European patent
(specify "all States" or, if the withdrawal concerns only some States, specify those States only by indicating the two-letter country codes):
- for an OAPI patent
- for a national patent (specify the States by indicating the two-letter country codes):

has (have) been withdrawn on the date of receipt of the notice effecting withdrawal as of: _____

2. The notice effecting withdrawal reached the International Bureau
- before the completion of the technical preparations for publication and, consequently, there will be no international publication:
- of the international application.
- of the designations specified above.
- after the completion of the technical preparations for publication and, consequently, the withdrawal could not be taken into account for the international publication.
3. The receiving Office and, if they are affected by the withdrawal, the designated (or elected) Offices, the International Searching Authority, the Authority(ies) specified for supplementary search and the International Preliminary Examining Authority, have been informed accordingly.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer
Facsimile No. +41 22 338 82 70	Telephone No. +41 22 338 XX XX

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF WITHDRAWAL OF
INTERNATIONAL APPLICATION OR
DESIGNATIONS

(PCT Rules 90*bis*.1 and 90*bis*.2 and
Administrative Instructions, Section 415(a))

To:

Date of mailing (day/month/year)		IMPORTANT NOTIFICATION	
Applicant's or agent's file reference			
International application No.	International filing date (day/month/year)	Priority date (day/month/year)	
Applicant			

1. The applicant is hereby notified that, except as to any designated State in which national processing or examination has already started upon the express request of the applicant:

- the international application
- the designations of the following States:
 - for an ARIPO patent (AP)
(specify "all States" or, if the withdrawal concerns only some States, specify those States only by indicating the two-letter country codes):
 - for an Eurasian patent (EA)
 - for a European patent (EP)
(specify "all States" or, if the withdrawal concerns only some States, specify those States only by indicating the two-letter country codes):
 - for an OAPI patent (OA)
 - for a national patent *(specify the States by indicating the two-letter country codes):*

has (have) been withdrawn on the date of receipt of the notice effecting withdrawal as of: _____

2. The notice effecting withdrawal reached the International Bureau

- before the completion of the technical preparations for publication and, consequently, there will be no international publication:
 - of the international application.
 - of the designations specified above.
- after the completion of the technical preparations for publication and, consequently, the withdrawal could not be taken into account for the international publication.

3. The receiving Office and, if they are affected by the withdrawal, the designated (or elected) Offices, the International Searching Authority, the Authority(ies) specified for supplementary search and the International Preliminary Examining Authority, have been informed accordingly.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer
Facsimile No. +41 22 338 82 70	Telephone No. +41 22 338 XX XX

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION CONCERNING WRITTEN
OPINION OF INTERNATIONAL SEARCHING
AUTHORITY AND AMENDMENTS OF CLAIMS

(PCT Rule 62 and
Administrative Instructions, Section 417(d))

To:

in its capacity as International Preliminary Examining Authority

Date of mailing <i>(day/month/year)</i>	International filing date <i>(day/month/year)</i>
International application No.	Applicant

1. The International Bureau hereby transmits a copy of the written opinion established by the International Searching Authority (Rule 62.1(i)).

2. The International Bureau hereby transmits a copy of the amendments to the claims under Article 19 together with any accompanying statement (Rule 62.1(ii)).

3. The International Bureau hereby informs the International Preliminary Examining Authority that no amendments under Article 19 have been received by the International Bureau (Administrative Instructions, Section 417(d)).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer
Facsimile No. +41 22 338 82 70	Telephone No. +41 22 338 XX XX

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION CONCERNING WRITTEN
OPINION OF INTERNATIONAL SEARCHING
AUTHORITY AND AMENDMENTS OF
CLAIMS AND SUPPLEMENTARY
INTERNATIONAL SEARCH REQUEST

(PCT Rule 62 and
Administrative Instructions, Sections 417(d) and 420(b))

To:

in its capacity as International Preliminary Examining Authority

Date of mailing (day/month/year)	International filing date (day/month/year)
International application No.	
Applicant	

1. The International Bureau hereby transmits a copy of the written opinion established by the International Searching Authority (Rule 62.1(i)).

2. The International Bureau hereby transmits a copy of the amendments to the claims under Article 19 together with any accompanying statement (Rule 62.1(ii)).

3. The International Bureau hereby informs the International Preliminary Examining Authority that no amendments under Article 19 have been received by the International Bureau (Administrative Instructions, Section 417(d)).

4. The International Bureau hereby informs the International Preliminary Examining Authority that it has received a request for supplementary international search indicating the following Authority specified for supplementary search:

5. The International Bureau hereby forwards a copy of the supplementary international search report (Administrative Instructions, Section 420(b)).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer
Facsimile No. +41 22 338 82 70	Telephone No. +41 22 338 XX XX

PATENT COOPERATION TREATY

PCT

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

(PCT Rule 44bis)

Applicant's or agent's file reference	FOR FURTHER ACTION	See item 4 below
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 international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44bis.1(a).

2. This REPORT consists of a total of _____ sheets, including this cover sheet.
In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. 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 ~~or~~ 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

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).

	Date of issuance of this report
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer
Facsimile No. +41 22 338 82 70	Telephone No. +41 22 338 XX XX

PATENT COOPERATION TREATY

PCT

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

(PCT Rule 44bis)

Applicant's or agent's file reference	FOR FURTHER ACTION		See item 4 below
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			

<p>1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44bis.1(a).</p> <p>2. This REPORT consists of a total of _____ sheets, including this cover sheet. In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.</p>
<p>3. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step <u>and</u> industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p> <p>4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).</p>

	Date of issuance of this report
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer
Facsimile No. +41 22 338 82 70	Telephone No. +41 22 338 XX XX

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
<input type="checkbox"/> E-mail authorization: Marking this check-box authorizes the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send, if the Authority so wishes, advance copies of notifications in respect of this international application. (<i>See also the Notes to Box No. II.</i>)	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 (day/month/year)
(Earliest) Priority date (day/month/year)	
Title of invention	
Box No. II APPLICANT(S)	
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.)	Telephone No.
	Facsimile No.
	Applicant's registration No. with the Office
<input type="checkbox"/> E-mail authorization: Marking this check-box authorizes the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send, if the Authority so wishes, advance copies of notifications in respect of this international application. (See also the Notes to Box No. II.)	E-mail address
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:
<input type="checkbox"/> Further applicants are indicated on a continuation sheet.	

Sheet No. . . .	International application No.
Continuation of Box No. II APPLICANT(S) <i>If none of the following sub-boxes is used, this sheet should not be included in the demand.</i>	
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:
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:
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:
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 another continuation sheet.	

Sheet No. . . .	International application No.
Continuation of Box No. II APPLICANT(S) <i>If none of the following sub-boxes is used, this sheet should not be included in the demand.</i>	
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:
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:
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:
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 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>	Telephone No.
	Facsimile No.
	Agent's registration No. with the Office
<input type="checkbox"/> E-mail authorization: Marking this check-box authorizes the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send, if the Authority so wishes, advance copies of notifications in respect of this international application. <i>(See also the Notes to Box No. II.)</i>	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	
Statement concerning amendments:* 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 2. <input type="checkbox"/> The applicant wishes any amendment to the claims under Article 19 to be considered as reversed. 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). 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). * 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.	
Language for the purposes of international preliminary examination: <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 | : | sheets |
| 4. copy (or, where required, translation) of statement under Article 19 | : | 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"/> |

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"/> tables in electronic form related to a sequence listing |
| 4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: | 8. <input type="checkbox"/> other (<i>specify</i>): |

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. copy (or, where required, translation) of amendments under Article 19 | : | sheets |
| 4. copy (or, where required, translation) of statement under Article 19 | : | 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"/>

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, "20 March 2008 (20.03.2008)", "20 March 2008 (20/03/2008)" or "20 March 2008 (20-03-2008)". 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.

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, "20 March 2008 (20.03.2008)", "20 March 2008 (20/03/2008)" or "20 March 2008 (20-03-2008)". 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 the persons named as “inventor only” in the request need not be named in the demand.

Make in Box No. II of the demand the required indications as appearing 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 the associated check-box is ~~selected~~, any e-mail address supplied will be used only for the types of communication which might be made by telephone. If the associated check-box is ~~selected~~, the International Preliminary Examining Authority may, if it wishes to do so, send advance copies of notifications in respect of the international application to the applicant, thus avoiding processing or postal delays. Any such e-mail notifications will always be followed by the official notification on paper. Only that paper copy of the notification is considered the legal copy and only the date of mailing of that paper 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 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 B2(IB), 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 applicants 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)(v), 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 may be. Where amendments are to be taken into account, the applicant must submit *with the demand* a copy of amendments to the claims under Article 19 (Rule 53.9(a)(i)) and/or the amendments of the international application under Article 34 (Rule 53.9(c)), as the case may be. 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)).

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 the persons named as “inventor only” in the request need not be named in the demand.

Make in Box No. II of the demand the required indications as appearing 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 the associated check-box is marked, any e-mail address supplied will be used only for the types of communication which might be made by telephone. If the associated check-box is marked, the International Preliminary Examining Authority may, if it wishes to do so, send advance copies of notifications in respect of the international application to the applicant, thus avoiding processing or postal delays. Any such e-mail notifications will always be followed by the official notification on paper. Only that paper copy of the notification is considered the legal copy and only the date of mailing of that paper 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 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 B2(IB), 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 applicants 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)(v), 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 may be. Where amendments are to be taken into account, the applicant must submit *with the demand* a copy of amendments to the claims under Article 19 (Rule 53.9(a)(i)) and/or the amendments of the international application under Article 34 (Rule 53.9(c)), as the case may be. 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 54*bis*.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 54*bis*.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, on the dotted line, and the corresponding check-box should be marked.

Language of Amendments (Rules 55.3 and 66.9): Amendments and letters 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 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.

~~Similarly, where such an application contains tables related to the sequence listing, and a copy of the tables in electronic form complying with the standard provided for in the Administrative Instructions is required by the IPEA, the applicant may furnish the tables in electronic form to the IPEA with the demand. If this is the case, check-box No. 7 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 90*bis*.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)).

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, on the dotted line, and the corresponding check-box should be marked.

Language of Amendments (Rules 55.3 and 66.9): Amendments and letters 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. <hr/> Applicant's or agent's file reference	For International Preliminary Examining Authority use only <hr/> Date stamp of the IPEA		
Applicant			
<p>CALCULATION OF PRESCRIBED FEES</p> <p>1. Preliminary examination fee <input style="width: 150px;" type="text"/> 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>) <input style="width: 150px;" type="text"/> 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="border: 1px solid black; width: 150px; margin-left: auto; margin-right: auto; text-align: center; padding: 5px;">TOTAL</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 account with the IPEA (see below) <input type="checkbox"/> cheque <input type="checkbox"/> postal money order <input type="checkbox"/> bank draft </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> cash <input type="checkbox"/> revenue stamps <input type="checkbox"/> coupons <input type="checkbox"/> other (<i>specify</i>): </td> </tr> </table>		<input type="checkbox"/> authorization to charge deposit account with the IPEA (see below) <input type="checkbox"/> cheque <input type="checkbox"/> postal money order <input type="checkbox"/> bank draft	<input type="checkbox"/> cash <input type="checkbox"/> revenue stamps <input type="checkbox"/> coupons <input type="checkbox"/> other (<i>specify</i>):
<input type="checkbox"/> authorization to charge deposit account with the IPEA (see below) <input type="checkbox"/> cheque <input type="checkbox"/> postal money order <input type="checkbox"/> bank draft	<input type="checkbox"/> cash <input type="checkbox"/> revenue stamps <input type="checkbox"/> coupons <input type="checkbox"/> other (<i>specify</i>):		
<p>AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT 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 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 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 accounts of the IPEA so permit</i>) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	IPEA/ _____ Deposit 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 accounts of the IPEA so permit</i>) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	IPEA/ _____ Deposit Account No.: _____ Date: _____ Name: _____ Signature: _____		

PCT

FEE CALCULATION SHEET

Annex to the Demand

International application No. <hr/> Applicant's or agent's file reference <hr/> Applicant <hr/> <p style="text-align: center;">CALCULATION OF PRESCRIBED FEES</p> <p>1. Preliminary examination fee <input style="width: 150px;" type="text"/> 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>) <input style="width: 150px;" type="text"/> 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="border: 1px solid black; width: 150px; margin-left: auto; margin-right: auto; text-align: center; padding: 5px;">TOTAL</div>	<p style="text-align: center;">For International Preliminary Examining Authority use only</p> <hr/> <p style="text-align: center;">Date stamp of the IPEA</p> <hr/> <hr/> <hr/> <hr/>		
<p>MODE OF PAYMENT (Not all modes of payment may be available at all IPEAs)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> authorization to charge <u>current</u> account with the IPEA (see below) <input type="checkbox"/> cheque <input type="checkbox"/> postal money order <input type="checkbox"/> bank <u>transfer</u> </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> <u>credit card</u> (<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 <u>current</u> account with the IPEA (see below) <input type="checkbox"/> cheque <input type="checkbox"/> postal money order <input type="checkbox"/> bank <u>transfer</u>	<input type="checkbox"/> <u>credit card</u> (<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 <u>current</u> account with the IPEA (see below) <input type="checkbox"/> cheque <input type="checkbox"/> postal money order <input type="checkbox"/> bank <u>transfer</u>	<input type="checkbox"/> <u>credit card</u> (<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) <u>CURRENT</u> ACCOUNT (This mode of payment may not be available at all IPEAs)</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 <u>current</u> 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/ _____ <u>Current</u> 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 <u>current</u> accounts of the IPEA so permit</i>) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	IPEA/ _____ <u>Current</u> 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 <u>current</u> accounts of the IPEA so permit</i>) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	IPEA/ _____ <u>Current</u> 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~~ ACCOUNT**

The applicant should check whether the IPEA allows the use of ~~deposit~~ 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~~ 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~~ 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~~ accounts unless the ~~deposit~~ account authorization is signed and indicates the ~~deposit~~ 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) CURRENT ACCOUNT**

The applicant should check whether the IPEA allows the use of 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 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 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 current accounts unless the current account authorization is signed and indicates the 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 ~~or~~ 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
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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.
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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 ~~and/or any related table(s)~~ - 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*): _____
 - ~~any table(s) related to the sequence listing (*specify*): _____~~
4. This opinion has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
 - the description, pages _____
 - the claims, Nos. _____
 - the drawings, sheets/figs _____
 - the sequence listing (*specify*): _____
 - ~~any table(s) related to 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)).
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 had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
 - 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. II Priority

1. This opinion has been established as if no priority had been claimed due to the failure to furnish within the prescribed time limit the requested:
 - copy of the earlier application whose priority has been claimed (Rule 66.7(a)).
 - translation of the earlier application whose priority has been claimed (Rule 66.7(b)).
2. This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rule 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.
3. Additional observations, if necessary:

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No.

Box No. II Priority

1. This opinion has been established as if no priority had been claimed due to the failure to furnish within the prescribed time limit the requested:
 - copy of the earlier application whose priority has been claimed (Rule 66.7(a)).
 - translation of the earlier application whose priority has been claimed (Rule 66.7(b)).
2. This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rule 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.
3. Additional observations, if necessary:

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No. _____

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

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

- the entire international application.
- claims Nos. _____

because:

- the said international application, or the said claims Nos. _____ relate to the following subject matter which does not require an international preliminary examination (*specify*):

- the description, claims or drawings (*indicate particular elements below*) or said claims Nos. _____ are so unclear that no meaningful opinion could be formed (*specify*):

- the claims, or said claims Nos. _____ are so inadequately supported by the description that no meaningful opinion could be formed (*specify*):

- no international search report has been established for said claims Nos. _____

- a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:
 - furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it.
 - furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it.
 - pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rules 13ter.1(a) or (b) and 13ter.2.

- ~~a meaningful opinion could not be formed without the tables related to the sequence listings; the applicant did not, within the prescribed time limit, furnish such tables in electronic form complying with the technical requirements provided for in Annex C-bis of the Administrative Instructions, and such tables were not available to the International Preliminary Examining Authority in a form and manner acceptable to it.~~

- ~~the tables related to the nucleotide and/or amino acid sequence listing, if in electronic form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.~~

- See Supplemental Box for further details.

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No. _____

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

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

- the entire international application.
- claims Nos. _____

because:

- the said international application, or the said claims Nos. _____
relate to the following subject matter which does not require an international preliminary examination (*specify*):

- the description, claims or drawings (*indicate particular elements below*) or said claims Nos. _____
are so unclear that no meaningful opinion could be formed (*specify*):

- the claims, or said claims Nos. _____ are so inadequately supported
by the description that no meaningful opinion could be formed (*specify*):

- no international search report has been established for said claims Nos. _____

- a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:

- furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it.

- furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it.

- pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rules 13ter.1(a) or (b) and 13ter.2.

- See Supplemental Box for further details.

**WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY**

International application No.

Box No. IV Lack of unity of invention

1. In response to the invitation (Form PCT/IPEA/405) to restrict or pay additional fees the applicant has, within the applicable time limit:
- restricted the claims.
 - paid additional fees.
 - paid additional fees under protest and, where applicable, the protest fee.
 - paid additional fees under protest but the applicable protest fee was not paid.
 - neither restricted the claims nor paid additional fees.
2. This Authority found that the requirement of unity of invention is not complied with for the following reasons and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees:

3. Consequently, this opinion has been established in respect of the following parts of the international application:

- all parts.
- the parts relating to claims Nos. _____

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No.

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

1. Statement

Novelty (N)	Claims	_____
	Claims	_____
Inventive step (IS)	Claims	_____
	Claims	_____
Industrial applicability (IA)	Claims	_____
	Claims	_____

2. Citations and explanations:

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No.

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

1. Statement

Novelty (N)	Claims	_____	<u>YES</u>
	Claims	_____	<u>NO</u>
Inventive step (IS)	Claims	_____	<u>YES</u>
	Claims	_____	<u>NO</u>
Industrial applicability (IA)	Claims	_____	<u>YES</u>
	Claims	_____	<u>NO</u>

2. Citations and explanations:

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No.

Box No. VI Certain documents cited

1. Certain published documents (Rule 70.10)

Application No. Patent No.	Publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
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2. Non-written disclosures (Rule 70.9)

Kind of non-written disclosure	Date of non-written disclosure (day/month/year)	Date of written disclosure referring to non-written disclosure (day/month/year)
--------------------------------	--	---

**WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY**

International application No.

Box No. VI Certain documents cited

1. Certain published documents (Rule 70.10)

<u>Application No. Patent No.</u>	<u>Publication date (day/month/year)</u>	<u>Filing date (day/month/year)</u>	<u>Priority date (valid claim) (day/month/year)</u>
---------------------------------------	--	---	---

2. Non-written disclosures (Rule 70.9)

<u>Kind of non-written disclosure</u>	<u>Date of non-written disclosure (day/month/year)</u>	<u>Date of written disclosure referring to non-written disclosure (day/month/year)</u>
---------------------------------------	--	--

**WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY**

International application No.

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

**WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY**

International application No.

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

**WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY**

International application No.

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

**WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY**

International application No.

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No.

Supplemental Box Relating to Sequence Listing

Continuation of Box No. I, item 2:

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion was established on the basis of:

a. ~~type of material~~

~~a sequence listing~~

~~table(s) related to the sequence listing~~

b. ~~format of material~~

on paper

in electronic form

c. ~~time of filing/furnishing~~

contained in the international application as filed

filed together with the international application in electronic form

furnished subsequently to this Authority for the purposes of search and/or examination

received by this Authority as an amendment on _____

2.

In addition, in the case that more than one version or copy of a sequence listing ~~and/or table(s) relating thereto~~ has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

International application No.

Supplemental Box Relating to Sequence Listing

Continuation of Box No. I, item 2:

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion was established on the basis of:

a. a sequence listing filed or furnished

on paper

in electronic form

b. time of filing or furnishing

contained in the international application as filed

filed together with the international application in electronic form

furnished subsequently to this Authority for the purposes of search and/or examination

received by this Authority as an amendment on _____

2. In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY**

International application No.

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of:

**WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY**

International application No.

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of:

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 ~~and/or tables related thereto~~, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 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 ~~or~~ 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		

<p>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.</p> <p>2. This REPORT consists of a total of _____ sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> <i>(sent to the applicant and to the International Bureau)</i> a total of _____ sheets, as follows:</p> <p style="margin-left: 40px;"><input type="checkbox"/> 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).</p> <p style="margin-left: 40px;"><input type="checkbox"/> 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.</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> <i>(sent to the International Bureau only)</i> 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 Section 802 of the Administrative Instructions).</p> <p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step <u>and</u> industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>
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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 PRELIMINARY REPORT ON PATENTABILITY

International application No. _____

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 ~~and/or any related table(s)~~ - 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*): _____
 - ~~any table(s) related to 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 they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
 - the description, pages _____
 - the claims, Nos. _____
 - the drawings, sheets/figs _____
 - the sequence listing (*specify*): _____
 - ~~any table(s) related to 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 45*bis*.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. 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 they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- 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. This report has been established taking into consideration the arguments and/or comments of the applicant on the written opinion of the International Searching Authority, received by this Authority on _____

7. 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 PRELIMINARY REPORT ON PATENTABILITY

International application No.

Box No. II **Priority**

1. This report has been established as if no priority had been claimed due to the failure to furnish within the prescribed time limit the requested:
 - copy of the earlier application whose priority has been claimed (Rule 66.7(a)).
 - translation of the earlier application whose priority has been claimed (Rule 66.7(b)).
2. This report has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rule 64.1). Thus for the purposes of this report, the international filing date indicated above is considered to be the relevant date.
3. Additional observations, if necessary:

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Box No. II Priority

1. This report has been established as if no priority had been claimed due to the failure to furnish within the prescribed time limit the requested:
 - copy of the earlier application whose priority has been claimed (Rule 66.7(a)).
 - translation of the earlier application whose priority has been claimed (Rule 66.7(b)).
2. This report has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rule 64.1). Thus for the purposes of this report, the international filing date indicated above is considered to be the relevant date.
3. Additional observations, if necessary:

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

- the entire international application.
- claims Nos. _____

because:

- the said international application, or the said claims Nos. _____
relate to the following subject matter which does not require an international preliminary examination (*specify*):

- the description, claims or drawings (*indicate particular elements below*) or said claims Nos. _____
are so unclear that no meaningful opinion could be formed (*specify*):

- the claims, or said claims Nos. _____ are so inadequately supported
by the description that no meaningful opinion could be formed (*specify*):

- no international search report has been established for said claims Nos. _____

- a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:

- furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it.

- furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it.

- pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rules 13ter.1(a) or (b) and 13ter.2.

- ~~a meaningful opinion could not be formed without the tables related to the sequence listings; the applicant did not, within the prescribed time limit, furnish such tables in electronic form complying with the technical requirements provided for in Annex C-bis of the Administrative Instructions, and such tables were not available to the International Preliminary Examining Authority in a form and manner acceptable to it.~~

- ~~the tables related to the nucleotide and/or amino acid sequence listing, if in electronic form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.~~

- See Supplemental Box for further details.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. _____

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

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

- the entire international application.
- claims Nos. _____

because:

- the said international application, or the said claims Nos. _____ relate to the following subject matter which does not require an international preliminary examination (*specify*):

- the description, claims or drawings (*indicate particular elements below*) or said claims Nos. _____ are so unclear that no meaningful opinion could be formed (*specify*):

- the claims, or said claims Nos. _____ are so inadequately supported by the description that no meaningful opinion could be formed (*specify*):

- no international search report has been established for said claims Nos. _____

- a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:

- furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it.
- furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it.
- pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rules 13ter.1(a) or (b) and 13ter.2.

- See Supplemental Box for further details.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Box No. IV Lack of unity of invention

1. In response to the invitation to restrict or pay additional fees the applicant has, within the applicable time limit:
- restricted the claims.
 - paid additional fees.
 - paid additional fees under protest and, where applicable, the protest fee.
 - paid additional fees under protest but the applicable protest fee was not paid.
 - neither restricted the claims nor paid additional fees.
2. This Authority found that the requirement of unity of invention is not complied with and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is:
- complied with.
 - not complied with for the following reasons:
4. Consequently, this report has been established in respect of the following parts of the international application:
- all parts.
 - the parts relating to claims Nos. _____

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Box No. IV Lack of unity of invention

1. In response to the invitation to restrict or pay additional fees the applicant has, within the applicable time limit:
- restricted the claims.
 - paid additional fees.
 - paid additional fees under protest and, where applicable, the protest fee.
 - paid additional fees under protest but the applicable protest fee was not paid.
 - neither restricted the claims nor paid additional fees.
2. This Authority found that the requirement of unity of invention is not complied with and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is:
- complied with.
 - not complied with for the following reasons:
4. Consequently, this report has been established in respect of the following parts of the international application:
- all parts.
 - the parts relating to claims Nos. _____

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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

1. Statement

Novelty (N)	Claims	_____	YES
	Claims	_____	NO
Inventive step (IS)	Claims	_____	YES
	Claims	_____	NO
Industrial applicability (IA)	Claims	_____	YES
	Claims	_____	NO

2. Citations and explanations (Rule 70.7)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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

1. Statement

Novelty (N)	Claims	_____	YES
	Claims	_____	NO
Inventive step (IS)	Claims	_____	YES
	Claims	_____	NO
Industrial applicability (IA)	Claims	_____	YES
	Claims	_____	NO

2. Citations and explanations (Rule 70.7)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Box No. VI Certain documents cited

1. Certain published documents (Rule 70.10)

<u>Application No. Patent No.</u>	<u>Publication date (day/month/year)</u>	<u>Filing date (day/month/year)</u>	<u>Priority date (valid claim) (day/month/year)</u>
---------------------------------------	--	---	---

2. Non-written disclosures (Rule 70.9)

<u>Kind of non-written disclosure</u>	<u>Date of non-written disclosure (day/month/year)</u>	<u>Date of written disclosure referring to non-written disclosure (day/month/year)</u>
---------------------------------------	--	--

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Box No. VI Certain documents cited

1. Certain published documents (Rule 70.10)

<u>Application No. Patent No.</u>	<u>Publication date (day/month/year)</u>	<u>Filing date (day/month/year)</u>	<u>Priority date (valid claim) (day/month/year)</u>
---------------------------------------	--	---	---

2. Non-written disclosures (Rule 70.9)

<u>Kind of non-written disclosure</u>	<u>Date of non-written disclosure (day/month/year)</u>	<u>Date of written disclosure referring to non-written disclosure (day/month/year)</u>
---------------------------------------	--	--

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Supplemental Box Relating to Sequence Listing

Continuation of Box No. I, item 2:

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this report was established on the basis of:

a. ~~type of material~~

~~a sequence listing~~

~~table(s) related to the sequence listing~~

b. ~~format of material~~

~~on paper~~

~~in electronic form~~

c. ~~time of filing/furnishing~~

~~contained in the international application as filed~~

~~filed together with the international application in electronic form~~

~~furnished subsequently to this Authority for the purposes of search and/or examination~~

~~received by this Authority as an amendment* on _____~~

2. In addition, in the case that more than one version or copy of a sequence listing ~~and/or table(s) relating thereto~~ has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

* ~~If item 4 in Box No. I applies, the listing and/or table(s) related thereto, which form part of the basis of the report, may be marked "superseded."~~

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Supplemental Box Relating to Sequence Listing

Continuation of Box No. I, item 2:

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this report was established on the basis of:

a. a sequence listing filed or furnished

on paper

in electronic form

b. time of filing or furnishing

contained in the international application as filed

filed together with the international application in electronic form

furnished subsequently to this Authority for the purposes of search and/or examination

received by this Authority as an amendment* on _____

2. In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments:

* If item 4 in Box No. I applies, the sequence listing, which forms part of the basis of the report, may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of:

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of:

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:	<p>PCT</p> <p>INVITATION TO FURNISH NUCLEOTIDE AND/OR AMINO ACID SEQUENCE LISTING AND/OR TABLES RELATED THERETO COMPLYING WITH STANDARD AND/OR TECHNICAL REQUIREMENTS, AND TO PAY, WHERE APPLICABLE, LATE FURNISHING FEE (PCT Rule 13ter.2 and Administrative Instructions, Sections 208 and 802 and Annexes C and C-bis)</p>
	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)
Applicant	

1. The applicant is hereby **invited**, within the time limit indicated above, to furnish to this Authority:

a nucleotide and/or amino acid sequence listing **on paper** complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a **statement** to the effect that the sequence listing does not go beyond the disclosure in the international application as filed

a **statement** to the effect that the sequence listing on paper, already furnished to this Authority, does not go beyond the disclosure in the international application as filed

a nucleotide and/or amino acid sequence listing ~~and/or tables related thereto~~ **in electronic form** complying with the standard ~~and/or technical requirements~~ provided for in Annex C ~~and/or Annex C-bis~~ of the Administrative Instructions, accompanied by a **statement** that the information recorded in electronic form is identical to the sequence listing ~~and/or tables related thereto on paper~~

a **statement** that the information recorded in electronic form ~~(that electronic form having already been furnished to this Authority)~~ is identical to the sequence listing ~~and/or tables related thereto on paper~~

2. The applicant is hereby invited, within the time limit indicated above, to pay to this Authority:

a late furnishing fee in the amount of _____ (*amount/currency*)

3. **Failure to comply with this invitation** may result in this Authority only carrying out the international preliminary examination to the extent that a meaningful examination can be carried out without the sequence listing.

4. Further observations (*if necessary*):

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

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

To:

INVITATION TO FURNISH NUCLEOTIDE AND/OR
AMINO ACID SEQUENCE LISTING AND TO PAY,
WHERE APPLICABLE, LATE FURNISHING FEE

(PCT Rule 13^{ter}.2 and Administrative Instructions,
Section 208 and Annex C)

	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)
Applicant	

1. The applicant is hereby **invited**, within the time limit indicated above, to furnish to this Authority:

a nucleotide and/or amino acid sequence listing **on paper** complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a **statement** to the effect that the sequence listing does not go beyond the disclosure in the international application as filed.

a **statement** to the effect that the sequence listing on paper, already furnished to this Authority, does not go beyond the disclosure in the international application as filed.

a nucleotide and/or amino acid sequence listing **in electronic form** complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a **statement** that the information recorded in electronic form is identical to the sequence listing as contained in the international application as filed.

a **statement confirming** that the information recorded in electronic form submitted under Rule 13^{ter} is identical to the sequence listing as contained in the international application as filed.

2. The applicant is hereby invited, within the time limit indicated above, to pay to this Authority:

a late furnishing fee in the amount of _____ (currency/amount)

3. **Failure to comply with this invitation** may result in this Authority only carrying out the international preliminary examination to the extent that a meaningful examination can be carried out without the sequence listing.

4. Further observations (*if necessary*):

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

PCT

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

(PCT Rule 45bis)

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>)
Applicant	

This supplementary international search report has been prepared by this Authority specified for supplementary search and it is transmitted to the applicant in accordance with Rule 45bis.8(a). A copy is being transmitted to the International Bureau.

This report is a corrected version of a previously issued supplementary international search report

This supplementary international search report consists of a total of _____ sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the supplementary international search was carried out 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:

the international search (Rules 12.3(a) and 23.1(b)).

the international publication (Rule 12.4)

the supplementary international search (Rule 45bis.1(c)(i))

b. This supplementary international search report has been established taking into account the **rectification of an obvious mistake** notified to this Authority under Rule 91 (Rules 43.6bis(a) and 45bis.7(c)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

d. This supplementary international search report has been established taking due account of the international search report, or the delaration under Article 17(2)(a) that no international search report will be established, and the written opinion established under Rule 43bis.1.

2. **Certain claims were found unsearchable** (see Box No. II).

3. **Unity of invention is lacking** (see Box No. III).

PATENT COOPERATION TREATY

PCT

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

(PCT Rule 45bis)

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>)
Applicant	

This supplementary international search report has been prepared by this Authority specified for supplementary search and it is transmitted to the applicant in accordance with Rule 45bis.8(a). A copy is being transmitted to the International Bureau.

This report is a corrected version of a previously issued supplementary international search report

This supplementary international search report consists of a total of _____ sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

a. With regard to the **language**, the supplementary international search was carried out 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:

the international search (Rules 12.3(a) and 23.1(b)).

the international publication (Rule 12.4)

the supplementary international search (Rule 45bis.1(c)(i))

b. This supplementary international search report has been established taking into account the **rectification of an obvious mistake** notified to this Authority under Rule 91 (Rules 43.6bis(a) and 45bis.7(c)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

d. This supplementary international search report has been established taking due account of the international search report, or the delaration under Article 17(2)(a) that no international search report will be established, and the written opinion established under Rule 43bis.1.

2. **Certain claims were found unsearchable** (see Box No. II).

3. **Unity of invention is lacking** (see Box No. III).

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

International application No.

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.c of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the supplementary international search was carried out on the basis of:
 - a. ~~type of material~~
 - ~~a sequence listing~~
 - ~~table(s) related to the sequence listing~~
 - b. ~~format of material~~
 - on paper
 - in electronic form
 - c. time of filing/furnishing
 - contained in the international application as filed
 - filed together with the international application in electronic form
 - furnished subsequently to this Authority for the purposes of supplementary international search
2. In addition, in the case that more than one version or copy of a sequence listing ~~and/or table relating thereto~~ has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

International application No.

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.c of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the supplementary international search was carried out on the basis of:
 - a. a sequence listing filed or furnished
 - on paper
 - in electronic form
 - b. time of filing or furnishing
 - contained in the international application as filed
 - filed together with the international application in electronic form
 - furnished subsequently to this Authority for the purposes of supplementary international search
2. In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

International application No.

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This supplementary international search report has not been established in respect of certain claims under Article 17(2)(a) and Rule 45bis.5(c) and (d) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful supplementary international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

4. Claims Nos.:
because they were not the subject of the international search (Rule 45bis.5(d)).

Box No. III Observations concerning unity of invention (Continuation of item 3 of first sheet)

1. This Authority specified for supplementary search agrees with the conclusions of the International Searching Authority regarding the issue of unity of invention (see Forms PCT/ISA/210 and 237 dated _____) and refers the applicant to these documents for further details.

2. At the request of the applicant, this supplementary international search report is limited to the invention specified by the applicant under Rule 45bis.1(d) and those parts of the international application which relate to that invention (Rule 45bis.5(b)).

3. This Authority specified for supplementary search:
 - (i) considers that there are _____ (*number*) inventions claimed in the international application covered by the claims indicated below/on an extra sheet:

 - (ii) therefore finds that **the international application does not comply with the requirement of unity of invention** (Rules 13.1, 13.2 and 13.3) for the reasons indicated below/on an extra sheet:

 - (iii) draws the attention of the applicant to the possibility of requesting, within **one month** from the date of mailing of this report, a review of this opinion. Where the applicant requests the Authority to review this opinion, the applicant is hereby invited, within **one month** from the date of mailing of this report, to pay a review fee (Rule 45bis.6(c)) in the amount of _____ (*currency/amount*)

4. This supplementary international search report therefore covers only those parts of the international application which relate to the invention first mentioned in the claims ("main invention"). Consequently, this supplementary international search report covers only the following claims: _____

5. As all searchable claims could be searched without unreasonable additional effort, this supplementary international search report covers all claimed inventions.

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

International application No. _____

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This supplementary international search report has not been established in respect of certain claims under Article 17(2)(a) and Rule 45bis.5(c) and (d) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful supplementary international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

4. Claims Nos.:
because they were not the subject of the international search (Rule 45bis.5(d)).

Box No. III Observations concerning unity of invention (Continuation of item 3 of first sheet)

1. This Authority specified for supplementary search agrees with the conclusions of the International Searching Authority regarding the issue of unity of invention (see Forms PCT/ISA/210 and 237 dated _____) and refers the applicant to these documents for further details.

2. At the request of the applicant, this supplementary international search report is limited to the invention specified by the applicant under Rule 45bis.1(d) and those parts of the international application which relate to that invention (Rule 45bis.5(b)).

3. This Authority specified for supplementary search:
 - (i) considers that there are _____ (*number*) inventions claimed in the international application covered by the claims indicated below/on an extra sheet:

 - (ii) therefore finds that **the international application does not comply with the requirement of unity of invention** (Rules 13.1, 13.2 and 13.3) for the reasons indicated below/on an extra sheet:

 - (iii) draws the attention of the applicant to the possibility of requesting, within **one month** from the date of mailing of this report, a review of this opinion. Where the applicant requests the Authority to review this opinion, the applicant is hereby invited, within **one month** from the date of mailing of this report, to pay a review fee (Rule 45bis.6(c)) in the amount of _____ (*currency/amount*)

4. This supplementary international search report therefore covers only those parts of the international application which relate to the invention first mentioned in the claims ("main invention"). Consequently, this supplementary international search report covers only the following claims: _____

5. As all searchable claims could be searched without unreasonable additional effort, this supplementary international search report covers all claimed inventions.

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT
Finding of non-compliance with the requirement of unity of invention

International application No.

[Empty box for supplementary international search report content]

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT
Finding of non-compliance with the requirement of unity of invention

International application No.

[Empty rectangular box for the report content]

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

International application No.

A. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Electronic database consulted during the supplementary international search (name of database and, where practicable, search terms used)

B. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.

<input type="checkbox"/> Further documents are listed on the continuation of second sheet B.	<input type="checkbox"/> See Patent Family Annex.
<input type="checkbox"/> See Scope Annex for details of the scope of the supplementary international search.	

<p>* Special categories of cited documents:</p> <p>“A” document defining the general state of the art which is not considered to be of particular relevance</p> <p>“E” earlier application or patent but published on or after the international filing date</p> <p>“L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>“O” document referring to an oral disclosure, use, exhibition or other means</p> <p>“P” document published prior to the international filing date but later than the priority date claimed</p>	<p>“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>“&” document member of the same patent family</p>
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Date of the actual completion of the supplementary international search	Date of mailing of the supplementary international search report
---	--

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

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

International application No.

A. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Electronic database consulted during the supplementary international search (name of database and, where practicable, search terms used)

B. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.

<input type="checkbox"/> Further documents are listed on the continuation of second sheet B.	<input type="checkbox"/> See Patent Family Annex.
<input type="checkbox"/> See Scope Annex for details of the scope of the supplementary international search.	

<p>* Special categories of cited documents:</p> <p>“A” document defining the general state of the art which is not considered to be of particular relevance</p> <p>“E” earlier application or patent but published on or after the international filing date</p> <p>“L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>“O” document referring to an oral disclosure, use, exhibition or other means</p> <p>“P” document published prior to the international filing date but later than the priority date claimed</p>	<p>“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>“&” document member of the same patent family</p>
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Date of the actual completion of the supplementary international search	Date of mailing of the supplementary international search report
Name and mailing address of the Authority/ Facsimile No.	Authorized officer Telephone No.

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

International application No.

B (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

International application No.

B (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.

SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

Explanations with regard to the citations and/or the scope of the search (Rule 45bis.7(e))

International application No.

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SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

Explanations with regard to the citations and/or the scope of the search (Rule 45bis.7(e))

International application No.

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SUPPLEMENTARY INTERNATIONAL SEARCH REPORT
Information on Patent Family Members

International application No.

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SUPPLEMENTARY INTERNATIONAL SEARCH REPORT
Information on Patent Family Members

International application No.

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SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

International application No.

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SUPPLEMENTARY INTERNATIONAL SEARCH REPORT

International application No.

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PATENT COOPERATION TREATY

PCT

DECLARATION OF NON-ESTABLISHMENT OF SUPPLEMENTARY INTERNATIONAL SEARCH REPORT
(PCT Article 17(2)(a), Rules 13~~ter~~.1(c) and (d), 39 and 45~~bis~~.5(c) and (e))

Applicant's or agent's file reference	IMPORTANT DECLARATION	Date of mailing (<i>day/month/year</i>)
International application No.	International filing date (<i>day/month/year</i>)	(Earliest) Priority Date (<i>day/month/year</i>)
Applicant		

This Authority specified for supplementary search hereby declares, in accordance with Article 17(2)(a) and Rule 45~~bis~~.5(c), that **no supplementary international search report will be established** for this international application for the reasons indicated below.

1. The International Searching Authority (ISA/_____) has made a declaration under Article 17(2)(a) and has not established an international search report (see Form PCT/ISA/203 dated _____ (*day/month/year*)), (Rule 45~~bis~~.5(e)).
2. The subject matter of the international application relates to:
 - a. scientific theories
 - b. mathematical theories
 - c. plant varieties
 - d. animal varieties
 - e. essentially biological processes for the production of plants and animals, other than microbiological processes and the products of such processes
 - f. schemes, rules or methods of doing business
 - g. schemes, rules or methods of performing purely mental acts
 - h. schemes, rules or methods of playing games
 - i. methods for treatment of the human body by surgery or therapy
 - j. methods for treatment of the animal body by surgery or therapy
 - k. diagnostic methods practised on the human or animal body
 - l. mere presentations of information
 - m. computer programs for which this Authority specified for supplementary search is not equipped to search prior art
3. The failure of the following parts of the international application to comply with prescribed requirements prevents a meaningful search from being carried out:

the description the claims the drawings

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

PATENT COOPERATION TREATY

PCT

DECLARATION OF NON-ESTABLISHMENT OF SUPPLEMENTARY INTERNATIONAL SEARCH REPORT
(PCT Article 17(2)(a), Rules 13^{ter}.1(c) and (d), 39 and 45^{bis}.5(c) and (e))

Applicant's or agent's file reference	IMPORTANT DECLARATION	Date of mailing (<i>day/month/year</i>)
International application No.	International filing date (<i>day/month/year</i>)	(Earliest) Priority Date (<i>day/month/year</i>)
Applicant		

This Authority specified for supplementary search hereby declares, in accordance with Article 17(2)(a) and Rule 45^{bis}.5(c), that **no supplementary international search report will be established** for this international application for the reasons indicated below.

1. The International Searching Authority (ISA/_____) has made a declaration under Article 17(2)(a) and has not established an international search report (see Form PCT/ISA/203 dated _____ (*day/month/year*)), (Rule 45^{bis}.5(e)).
2. The subject matter of the international application relates to:
 - a. scientific theories
 - b. mathematical theories
 - c. plant varieties
 - d. animal varieties
 - e. essentially biological processes for the production of plants and animals, other than microbiological processes and the products of such processes
 - f. schemes, rules or methods of doing business
 - g. schemes, rules or methods of performing purely mental acts
 - h. schemes, rules or methods of playing games
 - i. methods for treatment of the human body by surgery or therapy
 - j. methods for treatment of the animal body by surgery or therapy
 - k. diagnostic methods practised on the human or animal body
 - l. mere presentations of information
 - m. computer programs for which this Authority specified for supplementary search is not equipped to search prior art
3. The failure of the following parts of the international application to comply with prescribed requirements prevents a meaningful search from being carried out:

the description the claims the drawings

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

**DECLARATION OF NON-ESTABLISHMENT OF
SUPPLEMENTARY INTERNATIONAL SEARCH REPORT**

International application No.

4. A meaningful search could not be carried out without the sequence listing; the applicant did not, within the prescribed time limit:
- furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the Authority specified for supplementary search in a form and manner acceptable to it.
 - furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the Authority specified for supplementary search in a form and manner acceptable to it.
 - pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13~~ter~~.1(a) or (b).

5. ~~A meaningful search could not be carried out without the tables related to the sequence listings; the applicant did not, within the prescribed time limit, furnish such tables in electronic form complying with the technical requirements provided for in Annex C-bis of the Administrative Instructions, and such tables were not available to the Authority specified for supplementary search in a form and manner acceptable to it.~~

~~6. Further comments:~~

**DECLARATION OF NON-ESTABLISHMENT OF
SUPPLEMENTARY INTERNATIONAL SEARCH REPORT**

International application No.

4. A meaningful search could not be carried out without the sequence listing; the applicant did not, within the prescribed time limit:
- furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the Authority specified for supplementary search in a form and manner acceptable to it.
 - furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the Authority specified for supplementary search in a form and manner acceptable to it.
 - pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13*ter*.1(a) or (b).

5. Further comments:

PATENT COOPERATION TREATY

From the AUTHORITY SPECIFIED FOR
SUPPLEMENTARY SEARCH

PCT

To:

INVITATION TO FURNISH NUCLEOTIDE AND/OR AMINO ACID SEQUENCE LISTING ~~AND/OR TABLES RELATED THERETO COMPLYING WITH STANDARD AND/OR TECHNICAL REQUIREMENTS~~, AND TO PAY, WHERE APPLICABLE, LATE FURNISHING FEE
(PCT Rules 13~~ter~~.1(a) to (d) and 45~~bis~~.5(c) and Administrative Instructions, ~~Sections 208 and 802 and Annexes C and C-bis~~)

	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)
Applicant	

1. The applicant is hereby **invited**, within the time limit indicated above, to furnish to this Authority specified for supplementary search:

for the purposes of the supplementary international search a nucleotide and/or amino acid sequence listing **on paper** complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a **statement** to the effect that the sequence listing does not go beyond the disclosure in the international application as filed

a **statement** to the effect that the sequence listing on paper, already furnished to this Authority for the purposes of the supplementary international search, does not go beyond the disclosure in the international application as filed

for the purposes of the supplementary international search a nucleotide and/or amino acid sequence listing ~~and/or tables related thereto~~ **in electronic form** complying with the standard ~~and/or technical requirements~~ provided for in Annex C ~~and/or Annex C-bis~~ of the Administrative Instructions, accompanied by a **statement** that the information recorded in electronic form is identical to the sequence listing ~~and/or tables related thereto~~ as contained in the international application

a **statement** that the information recorded in electronic form (that electronic form having already been furnished to this Authority for the purposes of the supplementary international search) is identical to the sequence listing ~~and/or tables related thereto~~ as contained in the international application

2. The applicant is hereby invited, within the time limit indicated above, to pay to this Authority: a late furnishing fee in the amount of _____ (currency/amount)

3. **Failure to comply with this Invitation** may result in this Authority only carrying out the supplementary international search to the extent that a meaningful search can be carried out without the sequence listing.

4. Further observations (if necessary):

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

PATENT COOPERATION TREATY

From the AUTHORITY SPECIFIED FOR
SUPPLEMENTARY SEARCH

PCT

To:

INVITATION TO FURNISH NUCLEOTIDE AND/OR
AMINO ACID SEQUENCE LISTING AND TO PAY,
WHERE APPLICABLE, LATE FURNISHING FEE

(PCT Rules 13ter.1(a) to (d) and 45bis.5(c) and
Administrative Instructions, [Section 208 and Annex C](#))

	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)
Applicant	

1. The applicant is hereby **invited**, within the time limit indicated above, to furnish to this Authority specified for supplementary search:

for the purposes of the supplementary international search a nucleotide and/or amino acid sequence listing **on paper** complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a **statement** to the effect that the sequence listing does not go beyond the disclosure in the international application as filed.

a **statement** to the effect that the sequence listing on paper, already furnished to this Authority for the purposes of the supplementary international search, does not go beyond the disclosure in the international application as filed.

for the purposes of the supplementary international search a nucleotide and/or amino acid sequence listing **in electronic form** complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a **statement** that the information recorded in electronic form is identical to the sequence listing as contained in the international application.

a **statement** that the information recorded in electronic form (that electronic form having already been furnished to this Authority for the purposes of the supplementary international search) is identical to the sequence listing as contained in the international application.

2. The applicant is hereby invited, within the time limit indicated above, to pay to this Authority: a late furnishing fee in the amount of _____ (currency/amount)

3. **Failure to comply with this Invitation** may result in this Authority only carrying out the supplementary international search to the extent that a meaningful search can be carried out without the sequence listing.

4. Further observations (if necessary):

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

PATENT COOPERATION TREATY

From the AUTHORITY SPECIFIED FOR
SUPPLEMENTARY SEARCH

PCT

NOTIFICATION OF RECEIPT
OF COPY OF INTERNATIONAL APPLICATION
FOR THE PURPOSES OF SUPPLEMENTARY
INTERNATIONAL SEARCH

(Administrative Instructions, Section 519)

To:		Date of mailing (day/month/year)	
		Applicant's or agent's file reference	
International application No.		International filing date (day/month/year)	Priority date (day/month/year)
IMPORTANT NOTIFICATION			
Applicant			

- The applicant is hereby notified that a copy of the international application, for the purposes of supplementary international search, was received by this Authority specified for supplementary search on _____ (date of receipt).
- The copy of the international application was accompanied, for the purposes of supplementary international search, by a nucleotide and/or amino acid sequence listing ~~or tables related thereto~~ in electronic form.
- The copy of the international application contained a nucleotide and/or amino acid sequence listing ~~or tables related thereto~~ in electronic form.
- Time limit for establishment of the supplementary international search report**
The applicant is informed that the time limit for establishing the supplementary international search report is 28 months from the priority date (Rule 45bis.7(a)).

A copy of this Notification has been sent to the International Bureau.

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

From the AUTHORITY SPECIFIED FOR
SUPPLEMENTARY SEARCH

PCT

NOTIFICATION OF RECEIPT
OF COPY OF INTERNATIONAL APPLICATION
FOR THE PURPOSES OF SUPPLEMENTARY
INTERNATIONAL SEARCH

(Administrative Instructions, Section 519)

To:		Date of mailing (day/month/year)	
		Applicant's or agent's file reference	
Applicant's or agent's file reference		IMPORTANT NOTIFICATION	
International application No.	International filing date (day/month/year)	Priority date (day/month/year)	
Applicant			

1. The applicant is hereby notified that a copy of the international application, for the purposes of supplementary international search, was received by this Authority specified for supplementary search on _____ (date of receipt).

2. The copy of the international application was accompanied, for the purposes of supplementary international search, by a nucleotide and/or amino acid sequence listing in electronic form.

3. The copy of the international application contained a nucleotide and/or amino acid sequence listing in electronic form.

4. **Time limit for establishment of the supplementary international search report**
The applicant is informed that the time limit for establishing the supplementary international search report is 28 months from the priority date (Rule 45bis.7(a)).

A copy of this Notification has been sent to the International Bureau.

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