



C.PCT 947

-41

October 9, 2003

Madam,
Sir,

Following consultation under Rule 89.2(b) of the Regulations under the Patent Cooperation Treaty (PCT) with your Office in its capacity as International Searching Authority (ISA) and International Preliminary Examining Authority (IPEA) in respect of Circular C.PCT 916 and C.PCT 932, and/or designated and/or elected Office under the PCT in respect of Circular C.PCT 916, Part II (Forms Relating to the International Searching Authority) and Part IV (Forms Relating to the International Preliminary Examining Authority) of Annex A to the Administrative Instructions under the PCT are modified with effect from January 1, 2004.

The modifications are as proposed by Circular C.PCT 916 (dated April 25, 2003) and Circular C.PCT 932 (dated July 4, 2003), except where further changes have been made as a result of consultations and, in respect of Circular C.PCT 916, as a result of the deliberations during the eighth and ninth sessions of the Meeting of International Authorities (MIA) held from May 5 to 9, 2003, and July 21 to 25, 2003, respectively, as indicated below. The modifications also reflect required changes following amendments of the Regulations under the PCT as adopted by the PCT Assembly at its thirty-second (14th ordinary) session held from September 22 to October 1, 2003 (see the report of the session, document PCT/A/32/8), which will enter into force on January 1, 2004 (editorial and minor drafting changes are not mentioned).

As mentioned above, two sessions of the Meeting of International Authorities (MIA) were held following consultation by way of Circular C.PCT 916. These sessions aimed, amongst other matters, at discussing proposed new and modified written opinions and reports (Forms PCT/ISA/210

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and 237 and PCT/IPEA/408 and 409). Relevant documents are on the WIPO website at the following addresses:

http://www.wipo.int/pct/en/meetings/mia/index_8.htm and

http://www.wipo.int/pct/en/meetings/mia/index_9.htm, respectively (see documents PCT/MIA/8/4 and 4 Add.1, as well as paragraphs 124 to 126 of the report (document PCT/MIA/8/6), and PCT/MIA/9/3 and paragraphs 115-120 of the report (document PCT/MIA/9/6)). Finally, the International Bureau circulated further revised Forms for comments by the Authorities as part of a final round of consultation (see paragraph 120 of document PCT/MIA/9/6).

Modified and new Forms relating to International Searching Authorities

The consolidated list of all ISA Forms affected is as follows:

- PCT/ISA/201 (modified as proposed by Circular C.PCT 932 in light of the modifications proposed to Form PCT/ISA/210 by Circular C.PCT 916)
- PCT/ISA/202 (modified as proposed by Circular C.PCT 932)
- PCT/ISA/203 (modified as proposed by Circular C.PCT 932)
- PCT/ISA/209 (modified as proposed by Circular C.PCT 932)
- PCT/ISA/210 (modified as proposed by Circular C.PCT 916 and as a result of further consultations)
- PCT/ISA/218 (modified as proposed by Circular C.PCT 932)
- PCT/ISA/219 (modified as proposed by Circular C.PCT 932)
- PCT/ISA/220 (modified as proposed by Circular C.PCT 932 and as a result of consultation (English only))
- PCT/ISA/225 (modified as proposed by Circular C.PCT 932)
- PCT/ISA/234 (modified as proposed by Circular C.PCT 932)
- PCT/ISA/235 (modified as proposed by Circular C.PCT 932 and as a result of consultation (English only))
- PCT/ISA/236 (modified as proposed by Circular C.PCT 932)

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- PCT/ISA/237 (new, as proposed by Circular C.PCT 916 and as further modified as a result of further consultations)

The Forms relating to International Searching Authorities should be used for international applications filed on or after January 1, 2004. Where an Authority is not in a position to use all of them from that date, the old forms, to the extent that they are still applicable or, where required, with additions or corrections, may still be used for a transitional period.

*Modified and deleted Forms relating to
International Preliminary Examining Authorities*

The consolidated list of all IPEA Forms affected is as follows:

- PCT/IPEA/404 (modified as proposed by Circular C.PCT 932 and following consultation (English only) and the deletion of Rule 60.1(d) as explained in that Circular)
- PCT/IPEA/407 (modified as proposed by Circular C.PCT 932 and as a result of consultation (English only))
- PCT/IPEA/408 (modified as proposed by Circular C.PCT 916 and as a result of further consultations)
- PCT/IPEA/409 (modified as proposed by Circular C.PCT 916 and as a result of further consultations)
- PCT/IPEA/416 (modified as proposed by Circular C.PCT 932)
- PCT/IPEA/425 (modified as proposed by Circular C.PCT 932 and as a result of consultation (English only))
- PCT/IPEA/436 (modified as proposed by Circular C.PCT 932 and as a result of consultation (English only))
- PCT/IPEA/439 (deleted as proposed by Circular C.PCT 932 and as a result of the deletion of Rule 60.1(d))
- PCT/IPEA/441 (modified as proposed by Circular C.PCT 932)
- PCT/IPEA/442 (modified as proposed by Circular C.PCT 932 and as a result of consultation (English only))
- PCT/IPEA/444 (modified as proposed by Circular C.PCT 932)

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PCT FORMS

(Annex A to the Administrative Instructions under the PCT)

PART II

Forms Relating to the International Searching Authority

(January 2004)

**LIST OF FORMS RELATING TO THE
INTERNATIONAL SEARCHING AUTHORITY**

<i>Form Number</i>	<i>Title of Form</i>	<i>Provision pursuant to which Form is issued</i>
PCT/ISA/201	International-Type Search Report	Article 15.5
PCT/ISA/202	Notification of Receipt of Search Copy	Rule 25.1
PCT/ISA/203	Declaration of Non-Establishment of International Search Report	Article 17(2)(a) Rules 13 ^{ter} .1(c), 39
PCT/ISA/204	<i>[Deleted]</i>	
PCT/ISA/205	Notification of Change in Abstract as Previously Established by International Searching Authority	Rule 38.2(b) Section 515
PCT/ISA/206	Invitation to Pay Additional Fees	Article 17(3)(a) Rule 40.1
PCT/ISA/207	<i>[Deleted]</i>	
PCT/ISA/208	<i>[Deleted]</i>	
PCT/ISA/209	Notification of Facts Which Should Have Precluded the According of an International Filing Date	Rule 29.3
PCT/ISA/210	International Search Report	Article 18 Rules 43, 44
PCT/ISA/211	Notification of Transmittal of Requested Copies of Cited Documents	Article 20(3)
PCT/ISA/212	Notification of Decision on Protest	Rule 40.2(c) and (e) Section 502
PCT/ISA/213	Notification of Refund of Search Fee	Rules 16.3, 41.1 Section 510
PCT/ISA/214	Request for Information as to Right to Practice	Article 49 Rule 83.2
PCT/ISA/215	<i>[Deleted]</i>	

PCT/ISA/216	Invitation to Request Rectification	Rule 91.1(d)
PCT/ISA/217	Notification of Decision Concerning Request for Rectification	Rule 91.1(f)
PCT/ISA/218	Notification Concerning Expressions, etc., not to be Used in the International Application	Rule 9
PCT/ISA/219	Notification Concerning Documents Transmitted	
PCT/ISA/220	Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration	Rule 44.1
PCT/ISA/221	Invitation to Pay for Requested Copies of Cited Documents	Rule 44.3(b)
PCT/ISA/222	<i>[Deleted]</i>	
PCT/ISA/223	Notification of Defects with Regard to Correspondence Submitted by the Applicant	Rules 92.1(b), 92.4(g)(ii)
PCT/ISA/224	Communication in Cases for Which No Other Form is Applicable	
PCT/ISA/225	Invitation to Furnish Nucleotide and/or Amino Acid Sequence Listing and/or Tables Related Thereto Complying with Standard and/or Technical Requirements	Rule 13 ^{ter} .1(a) and (c) Sections 208 and 802 Annexes C and C- <i>bis</i>
PCT/ISA/226	<i>[Deleted]</i>	
PCT/ISA/227	<i>[Deleted]</i>	
PCT/ISA/228	Notification Regarding Review of Justification for Invitation to Pay Additional Search Fees	Rule 40.2(e)
PCT/ISA/229	Notification Regarding Attempted Transmission of Documents via Telegraph, Teleprinter, Facsimile Machine, etc.	Rule 92.4(c)
PCT/ISA/230	Invitation to Furnish Original of Document Transmitted by Telegraph, Teleprinter, Facsimile Machine, etc.	Rule 92.4(d), (e) and (f)

PCT/ISA/231	Notification Regarding Receipt of Documents via Telegraph, Teleprinter, Facsimile Machine, etc.	Rule 92.4(h)
PCT/ISA/232	Notification Concerning Paper Being Disregarded or Document Considered as not Having Been Submitted	Rules 92.1(b), 92.4(g)(ii)
PCT/ISA/233	Invitation Relating to Free Text in Main Part of Description	Rules 5.2(b), 13 ^{ter} .1(d) Section 204 Annex C
PCT/ISA/234	Notification of Transmittal of Demand to the International Bureau or to the Competent International Preliminary Examining Authority	Rule 59.3(a) and (f) Section 516
PCT/ISA/235	Invitation to Indicate Competent International Preliminary Examining Authority	Rule 59.3(f) Section 516
PCT/ISA/236	Notification that Demand Considered not to Have Been Submitted	Rule 59.3(d) and (f)
PCT/ISA/237	Written Opinion of the International Searching Authority	Rule 43 ^{bis} .1

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.
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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, unless otherwise indicated under this item.

the international-type search was carried out on the basis of a translation of the application furnished to this Authority.

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the 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.b of the first sheet)

With regard to any nucleotide and/or amino acid sequence disclosed in the 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
- in written format
- in computer readable form
- c. time of filing/furnishing
- contained in the application as filed
- filed together with the application in computer readable 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. 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 an additional fee, this Authority did not invite payment of any additional fee.
- 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.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL-TYPE SEARCH REPORT

Search request 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.

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex.

* 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

Date of the actual completion of the international-type search	Date of mailing of the international-type search report
Name and mailing address of the ISA/ Facsimile No.	Authorized officer Telephone 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.

INTERNATIONAL-TYPE SEARCH REPORT

Search request 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 or tables related thereto in computer readable form.

3. 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)).

4. 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

PCT

DECLARATION OF NON-ESTABLISHMENT OF INTERNATIONAL SEARCH REPORT

(PCT Article 17(2)(a), Rules 13^{ter}.1(c) 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
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3. The failure of the nucleotide and/or amino acid sequence listing to comply with the standard provided for in Annex C of the Administrative Instructions prevents a meaningful search from being carried out:

<input type="checkbox"/> the written form has not been furnished or does not comply with the standard.
<input type="checkbox"/> the computer readable form has not been furnished or does not comply with the standard.
4. The failure of the tables related to the nucleotide and/or amino acid sequence listing to comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions prevents a meaningful search from being carried out:

<input type="checkbox"/> the written form has not been furnished.
<input type="checkbox"/> the computer readable form has not been furnished or does not comply with the technical requirements.
5. Further comments:

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

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF CHANGE IN
ABSTRACT AS PREVIOUSLY ESTABLISHED
BY INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 38.2(b)
and Administrative Instructions, Section 515)

To:

Date of mailing (day/month/year)

Applicant's or agent's file reference	INFORMATION ONLY
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International application No.	International filing date (day/month/year)
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Applicant

The applicant is hereby notified that this International Searching Authority has considered the comments received from the applicant on the abstract established by this Authority (Form PCT/ISA/210) and has decided that:

- the text of the abstract remains as previously established by this Authority for the reasons indicated below/in the Annex.
- the text of the abstract is changed in view of the applicant's comments and it now reads as it appears below/in the Annex.

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

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

INVITATION TO PAY ADDITIONAL FEES

(PCT Article 17(3)(a) and Rule 40.1)

To:

	Date of mailing <i>(day/month/year)</i>
Applicant's or agent's file reference	PAYMENT DUE within _____ months/days from the above date of mailing
International application No.	International filing date <i>(day/month/year)</i>
Applicant	

1. This International Searching Authority

(i) considers that there are _____ *(number of)* inventions claimed in the international application covered by the claims indicated below/on an extra sheet:

and it considers that **the international application does not comply with the requirements of unity of invention** (Rules 13.1, 13.2 and 13.3) for the reasons indicated below/on an extra sheet:

(ii) has carried out a partial international search (see Annex) will establish the international search report on those parts of the international application which relate to the invention first mentioned in claims Nos.:

(iii) will establish the international search report on the other parts of the international application only if, and to the extent to which, additional fees are paid.

2. The applicant is hereby **invited**, within the time limit indicated above, to pay the amount indicated below:

_____ x _____ = _____
Fee per additional invention number of additional inventions total amount of additional fees

The applicant is informed that, according to Rule 40.2(c), **the payment of any additional fee may be made under protest**, i.e., a reasoned statement to the effect that the international application complies with the requirement of unity of invention or that the amount of the required additional fee is excessive.

3. Claim(s) Nos. _____ have been found to be unsearchable under Article 17(2)(b) because of defects under Article 17(2)(a) and therefore have not been included with any invention.

Name and mailing address of the ISA/ Facsimile No.	Authorized officer Telephone No.
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INVITATION TO PAY ADDITIONAL FEES

International application No.

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COMMUNICATION RELATING TO THE RESULTS OF THE
PARTIAL INTERNATIONAL SEARCH

International application No.

1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:
2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
3. If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
4. If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on the other parts of the international application for which such fees will have been paid.

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.

Further documents are listed in a continuation Box.

See patent family annex.

- * 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 document 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

COMMUNICATION RELATING TO THE RESULTS OF THE
PARTIAL INTERNATIONAL SEARCH

International application No.

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

Patent Family Annex
Information on patent family members

International application No.

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PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF FACTS WHICH SHOULD
HAVE PRECLUDED THE ACCORDING OF
AN INTERNATIONAL FILING DATE

(PCT Rule 29.3)

To:
in its capacity as receiving Office

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

The International Searching Authority hereby calls the following facts to the attention of the receiving Office and considers that the receiving Office should make a finding that the international application is to be considered withdrawn (Article 14(4) and Rule 30.1).

1. The applicant obviously lacks for reasons of residence and nationality the right to file an international application with the receiving Office (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 20.4(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 20.4(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 20.4(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).
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).

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

Name and mailing address of the ISA/ Facsimile No.	Authorized officer Telephone No.
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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, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. 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(b), 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.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, 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
 - in written format
 - in computer readable form
 - c. time of filing/furnishing
 - contained in the international application as filed
 - filed together with the international application in computer readable 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. 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 an additional fee, this Authority did not invite payment of any additional fee.
- 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.
- 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)**

Empty box for the text of the abstract.

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.

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
“A” document defining the general state of the art which is not considered to be of particular relevance	“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
“E” earlier application or patent but published on or after the international filing date	“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
“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)	“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
“O” document referring to an oral disclosure, use, exhibition or other means	“&” document member of the same patent family
“P” document published prior to the international filing date but later than the priority date claimed	

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.

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.

INTERNATIONAL SEARCH REPORT

International application No.

[Empty search report content area]

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
REQUESTED COPIES OF CITED DOCUMENTS

(PCT Article 20(3))

To:

Date of mailing (day/month/year)

Applicant's or agent's file reference

INFORMATION ONLY

International application No.

International filing date (day/month/year)

Applicant

<p>This International Searching Authority, in response to the request received, transmits herewith _____ (<i>number of</i>) copies of the documents listed below which were cited in the international search report established on the international application.</p> <p>(<i>List of documents</i>)</p>
--

Name and mailing address of the ISA/ Facsimile No.

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF DECISION ON PROTEST

(PCT Rule 40.2(c) and (e) and
Administrative Instructions, Section 502)

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

The applicant is hereby notified that this International Searching Authority, after having examined the protest on the payment of the additional fee(s), has reached the decision indicated below.

1. **The protest is found justified** to the extent that:
- a. total reimbursement of the additional fee(s) and any protest fee paid will be made in due course.
 - b. partial reimbursement in the amount of _____ *(amount/currency)* will be made in due course for the following reason(s):

2. **The protest is found unjustified** and the additional fee(s) and any protest fee paid will not be refunded for the following reason(s):

ATTENTION

The applicant should notify the International Bureau promptly if he wishes a copy of the protest and the decision thereon to be sent to the designated Offices.

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

Name and mailing address of the ISA/ Facsimile No.

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF REFUND OF SEARCH FEE

(PCT Rules 16.3 and 41.1 and
Administrative Instructions, Section 510)

To:

Date of mailing <i>(day/month/year)</i>
--

Applicant's or agent's file reference

INFORMATION ONLY

International application No.

International filing date <i>(day/month/year)</i>
--

Applicant

<p>1. <input type="checkbox"/> The applicant is hereby notified that the amount of _____ <i>(amount/currency)</i> will be refunded in due course on the search fee paid in respect of the international application. This amount is based upon the extent to which:</p> <p style="margin-left: 20px;">a. <input type="checkbox"/> the earlier international search report</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> the international-type search report</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> the other search report</p> <p>referred to in the request was wholly or partially used to establish the international search report on the international application.</p> <p>2. <input type="checkbox"/> The applicant is hereby notified that the amount of _____ <i>(amount/currency)</i> which has been paid as a search fee will be refunded in due course since the international application was withdrawn, or was considered withdrawn, before the start of the international search.</p> <p>3. The above amount will be refunded separately.</p>

Name and mailing address of the ISA/ Facsimile No.

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

REQUEST FOR INFORMATION AS TO RIGHT TO PRACTICE

(PCT Article 49 and Rule 83.2)

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)

Applicant

<p>Pursuant to Rule 83.2 this International Searching Authority hereby requests information as to whether the following person has the right to practice before your Office/Organization:</p> <p>Name:</p> <p>Address:</p>
--

Name and mailing address of the ISA/ Facsimile No.

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

INVITATION TO REQUEST RECTIFICATION

(PCT Rule 91.1(d))

To:

Date of mailing (day/month/year)

Applicant's or agent's file reference

REPLY DUE see item 2 and the last paragraph below

International application No.

International filing date (day/month/year)

Applicant

<p>1. This International Searching Authority has discovered in the international application/in other papers submitted by the applicant/what appears to be an obvious error</p> <p><input type="checkbox"/> as shown on the attached copy</p> <p><input type="checkbox"/> as specified hereafter:</p> <p>2. The applicant is hereby invited to submit a request for rectification to the following authority:</p> <p><input type="checkbox"/> the receiving Office <input type="checkbox"/> this International Searching Authority <input type="checkbox"/> the International Bureau of WIPO 34 chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>HOW TO CORRECT AN ERROR (Rule 26.4)</p> <p><input type="checkbox"/> A replacement sheet must be submitted and the rectification must be stated in an accompanying letter drawing attention to the differences between the replaced sheet and the replacement sheet.</p> <p><input type="checkbox"/> The rectification may be stated in a letter.</p> <p><input type="checkbox"/> The applicant may choose either of the two possibilities described above.</p> <p>ATTENTION</p> <p>No rectification will be made without the express authorization of the competent authority indicated above and, in order to be effective, the authorization by that authority must reach the International Bureau, or be given by the International Bureau, as the case may be, before the completion of the technical preparations for international publication (Rule 91.1(g) to (g-<i>quater</i>)).</p>
--

Name and mailing address of the ISA/ Facsimile No.

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF DECISION CONCERNING REQUEST FOR RECTIFICATION

(PCT Rule 91.1(f))

To:

Date of mailing <i>(day/month/year)</i>
--

Applicant's or agent's file reference

REPLY DUE NONE However, see last paragraph below
--

International application No.

International filing date <i>(day/month/year)</i>
--

Applicant

The applicant is hereby notified that this International Searching Authority has considered the request for rectification of obvious errors in the international application/in other papers submitted by the applicant to this Authority, and that it has decided:

1. to authorize the rectification:
- as requested by the applicant.
- to the extent set forth below*:

2. to refuse to authorize the rectification or part of it for the following reasons*:

A copy of this notification, together with a copy of the applicant's request for rectification, has been sent to the receiving Office and to the International Bureau.

* **If the authorization of the rectification has been refused in whole or in part**, the applicant may request the International Bureau, before the technical preparations for international publication have been completed and subject to the payment of a fee, to publish the request for rectification together with the international application. See Rule 91.1(f), third and fourth sentences, and, for the amount of the fee, see the *PCT Applicant's Guide*, Volume I/A, Annex B2(IB).

Name and mailing address of the ISA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION CONCERNING EXPRESSIONS,
ETC., NOT TO BE USED IN
THE INTERNATIONAL APPLICATION

(PCT Rule 9)

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

The applicant is hereby notified that the international application lacks compliance with Rule 9.1 because it contains:

1. expressions or drawings contrary to morality.
See page(s) _____ line(s) _____ figure(s) _____ .
2. expressions or drawings contrary to public order.
See page(s) _____ line(s) _____ figure(s) _____ .
3. statements disparaging the products or processes of any particular person other than the applicant.
See page(s) _____ line(s) _____ figure(s) _____ .
4. statements disparaging the merits or validity of applications or patents of any particular person other than the applicant.
See page(s) _____ line(s) _____ figure(s) _____ .
5. statements or matter obviously irrelevant or unnecessary under the circumstances.
See page(s) _____ line(s) _____ figure(s) _____ .

Further observations, if necessary:

Invitation to correct:

The applicant is hereby **invited**, within the time limit indicated above, to voluntarily correct the international application.

How to make the corrections? Correction must be submitted by filing a replacement sheet embodying the correction and a letter accompanying the replacement sheet, which shall draw attention to the difference between the replaced sheet and the replacement sheet. A correction may be stated in a letter only if it is of such a nature that it can be transferred from the letter to the record copy without adversely affecting the clarity and direct reproducibility of the sheet onto which the correction is to be transferred (Rule 26.4).

If the applicant fails to make the corrections, the International Bureau may omit the above-noted expressions, drawings, and statements, from its publications, indicating the place and number of words or drawings omitted, and furnish, upon request, individual copies of the passages omitted (see Article 21(6)).

A copy of this notification has been sent to the receiving Office and the International Bureau.

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

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION CONCERNING
DOCUMENTS TRANSMITTED

To:

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20
Switzerland

Date of mailing
(day/month/year)

The International Searching Authority transmits herewith the following documents:

(number)

1. _____ copies of international search reports (Rule 44.1)
2. _____ copies of declarations of non-establishment of international search reports (Rule 44.1)
3. _____ copies of written opinions of the International Searching Authority (Rule 44.1)
4. _____ letters of rectifications (Administrative Instructions, Section 511(a)(v))
5. _____ replacement sheets (Administrative Instructions, Section 511(a)(v))
6. _____ other documents (*specify*):

The Annex contains a list identifying each document transmitted by the type of document it is, the corresponding international application number and, if necessary, other information.

Name and mailing address of the ISA/

Authorized officer

Facsimile No.

Telephone No.

ANNEX TO FORM PCT/ISA/219

Type of document	International application No.	Other information

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

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 22 740 14 35

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.

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 (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*, Volume II.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

INVITATION TO PAY FOR REQUESTED
COPIES OF CITED DOCUMENTS

(PCT Rule 44.3(b))

To:

Date of mailing <i>(day/month/year)</i>
--

Applicant's or agent's file reference

PAYMENT DUE within _____ months/days from the above date of mailing

International application No.

International filing date <i>(day/month/year)</i>
--

Applicant

This International Searching Authority will, **upon receipt of payment** in the amount of:

_____ *(amount/currency)*

promptly transmit the requested _____ *(number of)* copies of the documents which were cited in the international search report established on the international application.

Name and mailing address of the ISA/ Facsimile No.

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF DEFECTS WITH REGARD TO CORRESPONDENCE SUBMITTED BY THE APPLICANT

(PCT Rules 92.1(b) and 92.4(g)(ii))

To:

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

<p>1. The applicant is hereby invited, within the time limit indicated above, to remedy the omission mentioned below.</p> <p>2. This International Searching Authority acknowledges the receipt on: _____ of papers purporting to be: _____.</p> <p>3. However, the said papers were <input type="checkbox"/> not accompanied by a letter (Rule 92.1(a)). <input type="checkbox"/> accompanied by a letter which, nevertheless, was not signed (Rule 92.1(a)). <input type="checkbox"/> furnished in the form of a letter which, nevertheless, was not signed (Rule 92.1(a)). <input type="checkbox"/> transmitted by facsimile machine, but the original has not been received (Rule 92.4(d)).</p> <p>4. <input type="checkbox"/> The said letter or papers are returned herewith.</p> <p>5. Failure to remedy the omission within the time limit indicated above will result in the said letter or papers being disregarded or, in the case of a facsimile transmission, considered as not having been submitted.</p>

Name and mailing address of the ISA/ Facsimile No.

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

COMMUNICATION IN CASES FOR WHICH
NO OTHER FORM IS APPLICABLE

To:

Date of mailing (day/month/year)

Applicant's or agent's file reference

REPLY DUE See paragraph 1 below

International application No.

International filing date (day/month/year)

Applicant

1. <input type="checkbox"/> REPLY DUE within _____ months/days from the above date of mailing <input type="checkbox"/> NO REPLY DUE
2. COMMUNICATION:

Name and mailing address of the ISA/ Facsimile No.

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

INVITATION TO FURNISH NUCLEOTIDE AND/OR
AMINO ACID SEQUENCE LISTING AND/OR TABLES
RELATED THERETO COMPLYING WITH STANDARD
AND/OR TECHNICAL REQUIREMENTS

(PCT Rule 13^{ter}.1(a) and (c) and Administrative Instructions,
Sections 208 and 802 and Annexes C and C-bis)

To:	
-----	--

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

<p>1. The applicant is hereby invited, within the time limit indicated above, to furnish to this Authority:</p> <p><input type="checkbox"/> a nucleotide and/or amino acid sequence listing in written form 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.</p> <p><input type="checkbox"/> a statement to the effect that the sequence listing in written form, already furnished to this Authority, does not go beyond the disclosure in the international application as filed.</p> <p><input type="checkbox"/> a nucleotide and/or amino acid sequence listing and/or tables related thereto in computer readable 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 computer readable form is identical to the written sequence listing and/or tables related thereto.</p> <p><input type="checkbox"/> a statement that the information recorded in computer readable form (that computer readable form having already been furnished to this Authority) is identical to the written sequence listing and/or tables related thereto.</p> <p>2. Failure to comply with this invitation may result in this Authority not carrying out the international search to the extent that no meaningful search can be carried out.</p> <p>3. Further observations <i>(if necessary)</i>:</p>
--

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

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION REGARDING REVIEW OF JUSTIFICATION FOR INVITATION TO PAY ADDITIONAL SEARCH FEES

(PCT Rule 40.2(e))

To:

Date of mailing <i>(day/month/year)</i>
--

Applicant's or agent's file reference

PAYMENT DUE ONLY if item 1 applies: within ONE MONTH from the above date of mailing
--

International application No.

International filing date <i>(day/month/year)</i>
--

Applicant

1. The applicant is hereby notified that, with regard to the protest filed on _____ , this International Searching Authority has reviewed the justification for the invitation to pay additional search fees (Form PCT/ISA/206) and the applicant is **invited to pay a protest fee**, within the time limit indicated above, for further examination of the protest, in the amount of _____ *(amount/currency)*

because the invitation is justified.

the invitation is justified in part.
To the extent the invitation is not justified, _____ additional search fee(s) paid under protest will be refunded in due course.

The reasons for this invitation to pay a protest fee are indicated in the Annex.

Failure to pay the protest fee within the time limit indicated above will result in the protest being considered withdrawn.

2. The applicant is hereby notified that, with regard to the protest filed on _____ , this International Searching Authority has reviewed the justification for the invitation to pay additional search fees (Form PCT/ISA/206) and has found that the invitation was not justified.
Any additional search fee(s) paid under protest will be refunded in due course.

Name and mailing address of the ISA/ Facsimile No.

Authorized officer Telephone No.

[Empty rectangular box for content]

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

INVITATION TO FURNISH ORIGINAL
OF DOCUMENT TRANSMITTED BY
TELEGRAPH, TELEPRINTER,
FACSIMILE MACHINE, ETC.

(PCT Rule 92.4(d), (e) and (f))

To:

Date of mailing <i>(day/month/year)</i>
--

Applicant's or agent's file reference	REPLY DUE within month/days from the above date of mailing
---------------------------------------	---

International application No.	International filing date <i>(day/month/year)</i>
-------------------------------	--

Applicant

<p>1. This International Searching Authority has received on _____ via facsimile machine/teleprinter/telegraph a document which appears to be/which is/ entitled:</p> <p style="text-align: center;">_____ .</p> <p>2. <input type="checkbox"/> However, the original of the document was not furnished within 14 days of the date of receipt of the earlier transmission as is required by this International Searching Authority.</p> <p>3. The applicant is hereby invited, within the time limit indicated above, to furnish the original of the document concerned with a letter identifying the earlier transmission.</p> <p>4. Failure to furnish the original of the document concerned within the time limit indicated above will result in that document being considered as not having been submitted.</p>
--

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

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION CONCERNING
PAPER BEING DISREGARDED OR
DOCUMENT CONSIDERED AS NOT
HAVING BEEN SUBMITTED

(PCT Rules 92.1(b), last sentence, and 92.4(g)(ii))

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

<p>1. <input type="checkbox"/> An invitation (Form PCT/ISA/223) to correct defects in correspondence submitted by the applicant was mailed by this International Searching Authority on:</p> <p style="text-align: center;">_____ .</p> <p>However, no response to the invitation was received by this Authority within the time limit indicated in that invitation.</p> <p>Consequently, this Authority hereby notifies the applicant that the paper referred to in that invitation is being disregarded.</p>
<p>2. <input type="checkbox"/> An invitation (Form PCT/ISA/230) to furnish the original of a document transmitted by telegraph, teleprinter, facsimile machine, etc., was mailed by this Authority on:</p> <p style="text-align: center;">_____ .</p> <p>However, no response to the invitation was received by this Authority within the time limit indicated in that invitation.</p> <p>Consequently, this Authority hereby notifies the applicant that the document referred to in that invitation is considered as not having been submitted.</p>

Name and mailing address of the ISA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

INVITATION RELATING TO FREE TEXT IN MAIN PART OF DESCRIPTION

(PCT Rules 5.2(b) and 13^{ter}.1(d) and
Administrative Instructions, Section 204 and Annex C)

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)
Applicant	

1. The International Searching Authority has found that the sequence listing part of the description contains free text which does not **also** appear in the main part of the description **in the language thereof**.

2. The applicant is hereby **invited**, within the time limit indicated above, to correct the above defect.

ATTENTION

The free text appearing also in the main part of the description must be in the language of the description even if it is in English in the sequence listing part.

Correction must be submitted by filing a replacement sheet embodying the correction and a letter accompanying the replacement sheet, which shall draw attention to the difference between the replaced sheet and the replacement sheet (Rule 26.4).

3. Further observations (*if necessary*):

4. A copy of this invitation is being sent to the receiving Office and to the International Bureau.

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

NOTIFICATION OF TRANSMITTAL OF DEMAND
TO THE INTERNATIONAL BUREAU OR TO THE
COMPETENT INTERNATIONAL PRELIMINARY
EXAMINING AUTHORITY

(PCT Rule 59.3(a) and (f) and
Administrative Instructions, Section 516)

To:

Date of mailing (day/month/year)

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

1. This International Searching Authority has **received** on the date indicated below a demand for international preliminary examination of the international application:

_____ (date of receipt)

2. The applicant is hereby **notified** that:

this Authority **has transmitted the demand to the International Bureau** which will transmit it, as the case may be, directly to the competent International Preliminary Examining Authority and inform the applicant accordingly, or invite the applicant to indicate the competent International Preliminary Examining Authority to which the demand should be transmitted.

this Authority **has transmitted the demand directly to the competent International Preliminary Examining Authority** which is:

3. The date of receipt indicated above has been marked on the demand; **the demand will, in accordance with Rule 59.3(e), be considered to have been received by the competent International Preliminary Examining Authority on that date of receipt.**

ATTENTION: That date of receipt is **after** the expiration of 19 months from the priority date. Consequently, in respect of some Offices, the demand does not have the effect of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)) and the acts for entry into the national phase must therefore be performed within 20 months from the priority date (or later in some Offices). **However**, in respect of some other Offices, the time limit of 30 months (or later) may nevertheless apply. 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.

ATTENTION:

That date of receipt is **after** the expiration of the applicable time limit under Rule 54bis.1(a). Any demand made after the expiration of said time limit shall be considered as if it had not been submitted and the International Preliminary Examining Authority shall so declare (Rule 54bis.1(b)).

This International Searching Authority is not in a position to determine whether that date of receipt is **after** the expiration of the applicable time limit under Rule 54bis.1(a), that is, three months from the date of transmittal to the applicant of the international search report (or of the declaration referred to in Article 17(2)(a)) and the written opinion established under Rule 43bis.1 or 22 months from the priority date, whichever expires later.

(If applicable) The applicant has already been informed accordingly by telephone, facsimile transmission or in person, on: _____

4. A copy of this notification is being sent to the International Bureau or to the competent International Preliminary Examining Authority indicated above, as the case may be.

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

INVITATION TO INDICATE
COMPETENT INTERNATIONAL PRELIMINARY
EXAMINING AUTHORITY

(PCT Rule 59.3(f) and
Administrative Instructions, Section 516)

To:

Date of mailing
(day/month/year)

Applicant's or agent's file reference	REPLY DUE	15 days from the above date of mailing or within the time limit applicable under Rule 54bis.1(a), whichever expires later
---------------------------------------	------------------	---

International application No.	International filing date (day/month/year)	Priority date (day/month/year)
-------------------------------	--	--------------------------------

Applicant

1. This International Searching Authority has **received** on the date indicated below a demand for international preliminary examination of the international application:

_____ (date of receipt)

2. The applicant is hereby **invited**, within the time limit indicated above, **to indicate the competent International Preliminary Examining Authority** to which the demand should be transmitted (Rule 59.3(c)(ii)).

Failure to respond to this invitation, within the time limit indicated above, will result in this Authority declaring that the demand is considered not to have been submitted (Rule 59.3(d)).

3. The date of receipt indicated above has been marked on the demand; **provided the applicant responds to this invitation within the time limit indicated above, the demand will, in accordance with Rule 59.3(e), be considered to have been received by the competent International Preliminary Examining Authority on that date of receipt.**

ATTENTION: That date of receipt is **after** the expiration of 19 months from the priority date. Consequently, in respect of some Offices, the demand does not have the effect of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)) and the acts for entry into the national phase must therefore be performed within 20 months from the priority date (or later in some Offices). **However**, in respect of some other Offices, the time limit of 30 months (or later) may nevertheless apply. 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.

ATTENTION:

That date of receipt is **after** the expiration of the applicable time limit under Rule 54bis.1(a). Any demand made after the expiration of said time limit shall be considered as if it had not been submitted and the International Preliminary Examining Authority shall so declare (Rule 54bis.1(b)).

This International Searching Authority is not in a position to determine whether that date of receipt is **after** the expiration of the applicable time limit under Rule 54bis.1(a), that is, three months from the date of transmittal to the applicant of the international search report (or of the declaration referred to in Article 17(2)(a)) and the written opinion established under Rule 43bis.1 or 22 months from the priority date, whichever expires later.

(If applicable) The applicant has already been informed accordingly by telephone, facsimile transmission or in person, on: _____

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

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION THAT DEMAND CONSIDERED
NOT TO HAVE BEEN SUBMITTED

(PCT Rule 59.3(d) and (f))

To:

Date of mailing (day/month/year)

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

1. The applicant is hereby notified that **this International Searching Authority declares that the demand is considered not to have been submitted** since the applicant has not furnished within the time limit referred to in the Invitation (Form PCT/ISA/235) the indication of the competent International Preliminary Examining Authority to which the demand should have been transmitted.

2. Consequently, this Authority will **refund** to the applicant any amount paid in respect of the demand and no international preliminary examination will be carried out.

3. **ATTENTION**
Since the demand is considered not to have been submitted, it does **not** have the effect, in respect of some Offices, of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)) and the acts for entry into the national phase must therefore be performed within 20 months from the priority date (or later in some Offices). **However**, in respect of some other Offices, the time limit of 30 months (or later) may nevertheless apply. 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.

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

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 (<i>day/month/year</i>)
--

Applicant's or agent's file reference	FOR FURTHER ACTION See paragraph 2 below
---------------------------------------	--

International application No.	International filing date (<i>day/month/year</i>)	Priority date (<i>day/month/year</i>)
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International Patent Classification (IPC) or both national classification and IPC

Applicant

<p>1. This opinion contains indications relating to the following items:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Box No. I Basis of the opinion <input type="checkbox"/> Box No. II Priority <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability <input type="checkbox"/> Box No. IV Lack of unity of invention <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 <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application <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/	Authorized officer
Facsimile No.	Telephone No.

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, unless otherwise indicated under this item.
 This opinion has been established on the basis of a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, 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
 in written format
 in computer readable form
 - c. time of filing/furnishing
 contained in the international application as filed.
 filed together with the international application in computer readable form.
 furnished subsequently to this Authority for the purposes of search.
3. 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.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

Box No. II Priority

1. The following document has not yet been furnished:

copy of the earlier application whose priority has been claimed (Rules 43*bis*.1 and 66.7(a)).

translation of the earlier application whose priority has been claimed (Rules 43*bis*.1 and 66.7(b)).

Consequently it has not been possible to consider the validity of the priority claim. This opinion has nevertheless been established on the assumption that the relevant date 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 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.

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

the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the
Administrative Instructions in that:

the written form has not been furnished
 does not comply with the standard

the computer readable form has not been furnished
 does not comply with the standard

the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable 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. IV Lack of unity of invention

1. In response to the invitation (Form PCT/ISA/206) to pay additional fees the applicant has:
- paid additional fees
 - paid additional fees under protest
 - 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. VI Certain documents cited

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

Application No. Patent No. _____	Publication date (<i>day/month/year</i>) _____	Filing date (<i>day/month/year</i>) _____	Priority date (valid claim) (<i>day/month/year</i>) _____
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2. Non-written disclosures (Rules 43*bis*.1 and 70.9)

Kind of non-written disclosure _____	Date of non-written disclosure (<i>day/month/year</i>) _____	Date of written disclosure referring to non-written disclosure (<i>day/month/year</i>) _____
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**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.

Supplemental Box

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

PCT FORMS

(Annex A to the Administrative Instructions under the PCT)

PART IV

Forms Relating to the International Preliminary Examining Authority

(January 2004)

**LIST OF FORMS RELATING TO THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY**

<i>Form Number</i>	<i>Title of Form</i>	<i>Provision pursuant to which Form is issued</i>
PCT/IPEA/402	Notification of Receipt of Demand by Competent International Preliminary Examining Authority	Rules 59.3(e), 61.1(b) Section 601(a)
PCT/IPEA/403	Notification Concerning Payment of the Preliminary Examination and Handling Fees	Rules 57, 58 Section 615
PCT/IPEA/404	Invitation to Correct Defects in the Demand	Rule 60.1
PCT/IPEA/405	Invitation to Restrict or Pay Additional Fees	Article 34(3)(a) Rule 68.2
PCT/IPEA/406	<i>[Deleted]</i>	
PCT/IPEA/407	Notification that Demand Considered not to Have Been Submitted	Rules 54.4, 54bis.1, 55.2(d) and 61.1(b)
PCT/IPEA/408	Written Opinion of the International Preliminary Examination Authority	Rule 66
PCT/IPEA/409	International Preliminary Report on Patentability	Article 36 Rule 70
PCT/IPEA/410	Request for Information as to Right to Practice	Article 49 Rule 83.2
PCT/IPEA/411	Invitation to Request Rectification	Rule 91.1(d)
PCT/IPEA/412	Notification of Decision Concerning Request for Rectification	Rule 91.1(f)
PCT/IPEA/413	Notification of Transmittal of Requested Copies of Documents in File	Rule 94.1
PCT/IPEA/414	Invitation to Furnish Translation of Priority Document	Rule 66.7(b)
PCT/IPEA/415	Notification Concerning Documents Transmitted	

PCT/IPEA/416	Notification of Transmittal of International Preliminary Report on Patentability	Rule 71.1
PCT/IPEA/417	Notification of Transmittal of Requested Copies of Cited Documents	Article 36(4)
PCT/IPEA/418	<i>[Deleted]</i>	
PCT/IPEA/419	<i>[Deleted]</i>	
PCT/IPEA/420	Notification of Decision on Protest	Rule 68.3(c) and (e) Section 603
PCT/IPEA/421	Invitation to Pay for Requested Copies of Cited Documents	Rule 71.2(b)
PCT/IPEA/422	Invitation to Pay for Requested Copies of Documents in the File	Rule 94.1
PCT/IPEA/423	Invitation to Correct Defects in Correspondence Submitted by the Applicant	Rules 92.1(b), 92.4(g)(ii)
PCT/IPEA/424	Communication in Cases for Which No Other Form Is Applicable	
PCT/IPEA/425	Notification of Cancellation of Certain Elections	Article 31(4)(a) Section 606
PCT/IPEA/426	<i>[Deleted]</i>	
PCT/IPEA/427	Communication Regarding Extension of Time Limit	Rules 60.1(a), 66.2(d)
PCT/IPEA/428	Note on Informal Communication with the Applicant	Rule 66.6
PCT/IPEA/429	Notification Concerning Informal Communication with the Applicant	Rule 66.6
PCT/IPEA/430	Request for International Searching Authority to Furnish Copy of Sequence Listing to International Preliminary Examining Authority	Rule 13 ^{ter} .1(e)
PCT/IPEA/431	Invitation to Submit Amendments	Rule 60.1(g)
PCT/IPEA/432	Communication Regarding Amendments not Taken into Account	Rule 66.4 ^{bis}

PCT/IPEA/433	Notification Regarding Attempted Transmission of Documents via Telegraph, Teleprinter, Facsimile Machine, etc.	Rule 92.4(c)
PCT/IPEA/434	Invitation to Furnish Original of Document Transmitted by Telegraph, Teleprinter, Facsimile Machine, etc.	Rule 92.4(d), (e) and (f)
PCT/IPEA/435	Notification Regarding Receipt of Documents via Telegraph, Teleprinter, Facsimile Machine, etc.	Rule 92.4(h)
PCT/IPEA/436	Notification of Transmittal of Demand to the International Bureau or to the Competent International Preliminary Examining Authority	Rule 59.3(a) and (f) Section 601
PCT/IPEA/437	Invitation to Pay Protest Fee	Rule 68.3(e)
PCT/IPEA/438	Notification Concerning Paper Being Disregarded or Document Considered as not Having Been Submitted	Rules 92.1(b), 92.4(g)(ii)
PCT/IPEA/439	<i>[Deleted]</i>	
PCT/IPEA/440	Invitation to Pay Prescribed Fees Together with Late Payment Fee	Rule 58 <i>bis</i>
PCT/IPEA/441	Invitation to Furnish Nucleotide and/or Amino Acid Sequence Listing and/or Tables Related Thereto Complying with Standard and/or Technical Requirements	Rule 13 <i>ter</i> .1(e) Sections 208 and 802 Annexes C and C- <i>bis</i>
PCT/IPEA/442	Invitation to Indicate Competent International Preliminary Examining Authority	Rule 59.3(f) Section 601
PCT/IPEA/443	Invitation to Furnish Translation for the Purposes of International Preliminary Examination	Rules 55.2, 55.3, 66.9
PCT/IPEA/444	Notification by Non-Competent International Preliminary Examining Authority that Demand Considered not to Have Been Submitted	Rule 59.3(d) and (f)

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION OF RECEIPT OF DEMAND BY COMPETENT INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

(PCT Rules 59.3(e) and 61.1(b), first sentence
and Administrative Instructions, Section 601(a))

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>

Priority date <i>(day/month/year)</i>

Applicant

<p>1. The applicant is hereby notified that this International Preliminary Examining Authority considers the following date as the date of receipt of the demand for international preliminary examination of the international application:</p> <p style="text-align: center;">_____</p> <p>2. That date of receipt is:</p> <p><input type="checkbox"/> the actual date of receipt of the demand by this Authority (Rule 61.1(b)).</p> <p><input type="checkbox"/> the actual date of receipt of the demand on behalf of this Authority (Rule 59.3(e)).</p> <p><input type="checkbox"/> the date on which this Authority has, in response to the invitation to correct defects in the demand (Form PCT/IPEA/404), received the required corrections.</p> <p>3. <input type="checkbox"/> ATTENTION: That date of receipt is after the expiration of 19 months from the priority date. Consequently, in respect of some Offices, the demand does not have the effect of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)) and the acts for entry into the national phase must therefore be performed within 20 months from the priority date (or later in some Offices). However, in respect of some other Offices, the time limit of 30 months (or later) may nevertheless apply. See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the <i>PCT Applicant's Guide</i>, Volume II, National Chapters and the WIPO Internet site.</p> <p><input type="checkbox"/> <i>(If applicable)</i> This notification confirms the information given by telephone, facsimile transmission or in person on:</p> <p style="text-align: center;">_____</p> <p>4. Only where paragraph 3 applies, a copy of this notification has been sent to the International Bureau.</p>

Name and mailing address of the IPEA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION CONCERNING PAYMENT OF THE PRELIMINARY EXAMINATION AND HANDLING FEES

(PCT Rules 57 and 58 and
Administrative Instructions, Section 615)

To:

Date of mailing <i>(day/month/year)</i>
--

Applicant's or agent's file reference	PAYMENT DUE see item 3 for time limit
---------------------------------------	---

International application No.	International filing date <i>(day/month/year)</i>
-------------------------------	--

Applicant

1. The applicant is hereby notified that this International Preliminary Examining Authority 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 indicated under item 3.

2. **Fees and payment calculation:**

Preliminary examination fee _____ P

Handling fee* + _____ H

Total fees payable = _____ - _____ = _____
Amount paid
Balance

** Applicants from certain States are entitled to a reduction of 75% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 25% of the handling fee. See Notes to the Fee Calculation Sheet annexed to the Demand Form, PCT/IPEA/401, for details.*

3. **Time limit for payment and amount payable (Rules 57.3 and 58.1(b)):**

within ONE MONTH from the date on which the demand was submitted (see below), in which case the amount payable is the amount applicable on that **date of submittal**:

within ONE MONTH from the date of receipt (see below) of the demand by this Authority (where the demand was transmitted to this Authority under Rule 59.3), in which case the amount payable is the amount applicable on that **date of receipt**:

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

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO CORRECT DEFECTS IN THE DEMAND

(PCT Rule 60.1)

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

The applicant is hereby **invited** within the time limit indicated above **to correct the following defects** which this International Preliminary Examining Authority has found in the demand for international preliminary examination:

1. It does not permit identification of the international application to which it relates (Rule 60.1(b)).
2. It does not contain the required petition (Rules 53.2(a)(i) and 53.3).
3. It does not contain the required indications concerning the agent as specified in the Annex (Rules 53.2(a)(ii) and 53.5).
4. It does not contain the required indications concerning the international application as specified in the Annex (Rules 53.2(a)(iii) and 53.6).
5. It is not submitted in the required language which is: _____ (Rule 55.1).
6. It is not made on the printed form (Rule 53.1(a)).
7. It is presented as a computer print-out the particulars of which do not comply with the Administrative Instructions (Rule 53.1(a)).
8. It does not contain the required indications concerning the applicant as specified in the Annex (Rules 53.2(a)(ii), 53.4 and 60.1(a-bis)).
9. It does not contain the required signature as specified in the Annex (Rules 53.2(b), 53.8, 60.1(a-ter) and 90.4).
10. Other observations (*if necessary*):

Effect of the date of receipt of the corrections on the date of receipt of the demand:

- (i) If the defect noted under item 1 is corrected within the time limit indicated above, the demand will be considered to have been received on the date when the corrections are received (Rule 60.1(b)).
If that date is later than the expiration of 19 months from the priority date, entry into the national phase in those elected Offices will **NOT** be postponed until the expiration of 30 months from the priority date, but only in respect of **some designated Offices**. In respect of **other designated Offices**, the time limit of 30 months (or later) may apply even if that date of receipt is later than the expiration of 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.
If that date is later than the expiration of the time limit referred to in Rule 54bis.1(a), the demand shall be considered as if it had not been submitted and this Authority shall so declare.
- (ii) If the defects noted under items 2 to 9 are corrected within the time limit indicated above, the demand shall be considered as if it had been received on the actual filing date (Rule 60.1(b)).

Effect of failure to correct the defects within the time limit indicated above:

In the case of defects noted under items 1 to 9, this Authority will declare that the demand is considered as if it had not been submitted.

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

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

Continuation of item 3: As to indications concerning **the agent** (Rules 53.2(a)(ii) and 53.5), the demand:

- a. does not properly indicate the agent's name (*specify*):
- b. does not indicate the agent's address.
- c. does not properly indicate the agent's address (*specify*):

Continuation of item 4: As to indications concerning **the international application**, the demand does not indicate:

- a. the international filing date.
- b. the international application number.
- c. the name of the receiving Office, where the international application number was not known to the applicant at the time the demand was filed.
- d. the title of the invention.

Continuation of item 8: As to indications concerning **the applicant*** (Rules 53.2(a)(ii), 53.4 and 60.1(a-bis)), the demand:

- a. does not indicate all the applicants.
- b. does not properly indicate the applicant's name (*specify*):
- c. does not indicate the applicant's address.
- d. does not properly indicate the applicant's address (*specify*):
- e. does not indicate the applicant's nationality.
- f. does not indicate the applicant's residence.

* Although Rule 53.2(a)(ii) requires indications concerning the applicant, or if there are several applicants, of each of them, for the purposes of Rule 53.4, if there is more than one applicant, it shall be sufficient that the required indications be provided in respect of one of them who has the right according to Rule 54.2 to make a demand (Rule 60.1(a-bis)).

Continuation of item 9: As to requirements concerning **signature** (Rules 53.2(b), 53.8, 60.1(a-ter) and 90.4), the demand:

- a. is not signed* by the applicant or, if there is more than one applicant, by at least one of them.
- b. is signed by what appears to be an agent/common representative but
- the demand is not accompanied by a power of attorney appointing him.
- the power of attorney accompanying the demand is not signed by all the applicants for the elected States.

* Although Rule 53.2(b) requires that all applicants must sign the demand (including all inventors/applicants for the designation of the United States of America), for the purposes of Rule 53.8, if there is more than one applicant, it shall be sufficient that the demand be signed by one of them (Rule 60.1(a-ter)).

INVITATION TO RESTRICT OR PAY ADDITIONAL FEES

International application No.

[Empty rectangular box for content]

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION THAT DEMAND CONSIDERED
NOT TO HAVE BEEN SUBMITTED

(PCT Rules 54.4, 54*bis*.1, 55.2(d) and 61.1(b),
second sentence)

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)

Applicant

<p>1. The applicant is hereby notified that the demand is declared by this International Preliminary Examining Authority not to have been submitted for the following reason:</p> <p>a. <input type="checkbox"/> the applicant does not have the right to make a demand (see Article 31(2)(a) and Rule 54.4) since he is not a resident or national of a Contracting State bound by Chapter II of the PCT.</p> <p>b. <input type="checkbox"/> the demand was made after the expiration of the time limit applicable under Rule 54<i>bis</i>.1(a).</p> <p>c. <input type="checkbox"/> the required amount of the following fee(s) has not been paid within the time limit referred to in the invitation (Form PCT/IPEA/440):</p> <p style="margin-left: 40px;"> <input type="checkbox"/> the preliminary examining fee <input type="checkbox"/> the handling fee <input type="checkbox"/> the late payment fee </p> <p>d. <input type="checkbox"/> the defect(s) in the demand has (have) not been corrected within the time limit referred to in the invitation (Form PCT/IPEA/404).</p> <p>e. <input type="checkbox"/> the translation of the international application has not been furnished within the time limit fixed in the invitation (Form PCT/IPEA/443).</p> <p>2. Consequently, this Authority will refund to the applicant any amount paid in respect of the demand (Rules 57.6(ii), 58.3 and 58<i>bis</i>.1(b)):</p> <p style="margin-left: 40px;"> <input type="checkbox"/> in full <input type="checkbox"/> partially, in the amount of _____ </p> <p>3. ATTENTION</p> <p>Since the demand is considered not to have been submitted, it does not have the effect, in respect of some Offices, of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)) and the acts for entry into the national phase must therefore be performed within 20 months from the priority date (or later in some Offices). However, in respect of some other Offices, the time limit of 30 months (or later) may nevertheless apply. See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the <i>PCT Applicant's Guide</i>, Volume II, National Chapters and the WIPO Internet site.</p> <p>4. A copy of this notification has been sent to the International Bureau.</p>

Name and mailing address of the IPEA/
Facsimile No.

Authorized officer
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

<p>1. <input type="checkbox"/> The written opinion established by the International Searching Authority: <input type="checkbox"/> is <input type="checkbox"/> is not considered to be a written opinion of the International Preliminary Examining Authority.</p> <p>2. This _____ (first, etc.) 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 66.2(a)(ii) 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>3. The applicant is hereby invited to reply to this opinion.</p> <p>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).</p> <p>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.</p> <p>Also For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4<i>bis</i>. For an informal communication with the examiner, see Rule 66.6. For an additional opportunity to submit amendments, see Rule 66.4.</p> <p>If no reply is filed, the international preliminary examination report will be established on the basis of this opinion.</p> <p>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: _____</p>
--

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, unless otherwise indicated under this item.

- This opinion is based on a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
 - international search (under Rules 12.3 and 23.1(b))
 - publication of the international application (under Rule 12.4)
 - international preliminary examination (under Rules 55.2 and/or 55.3)

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*): _____

**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.

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

the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the
Administrative Instructions in that:

the written form has not been furnished
 does not comply with the standard

the computer readable form has not been furnished
 does not comply with the standard

the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable 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. 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. VI Certain documents cited

1. Certain published documents (Rule 70.10)

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

2. Non-written disclosures (Rule 70.9)

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

**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. _____

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
 - in written format
 - in computer readable form
 - c. time of filing/furnishing
 - contained in the international application as filed
 - filed together with the international application in computer readable 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

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 (<i>day/month/year</i>)	Priority date (<i>day/month/year</i>)	
International Patent Classification (IPC) or national classification and IPC			
Applicant			

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

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

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

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

sheets of the description, claims and/or drawings which have been amended and 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 computer readable 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.

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, unless otherwise indicated under this item.

- This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
 - international search (under Rules 12.3 and 23.1(b))
 - publication of the international application (under Rule 12.4)
 - international preliminary examination (under Rules 55.2 and/or 55.3)

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*): _____

* 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:

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.

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

the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:

the written form

has not been furnished

does not comply with the standard

the computer readable form

has not been furnished

does not comply with the standard

the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable 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.

Box No. IV Lack of unity of invention

1. In response to the invitation to restrict or pay additional fees the applicant has:
- restricted the claims.
 - paid additional fees.
 - paid additional fees under protest.
 - neither restricted 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. VI Certain documents cited

1. Certain published documents (Rule 70.10)

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

2. Non-written disclosures (Rule 70.9)

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

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
 - in written format
 - in computer readable form
 - c. time of filing/furnishing
 - contained in the international application as filed
 - filed together with the international application in computer readable 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."

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

PCT

REQUEST FOR INFORMATION AS TO RIGHT TO PRACTICE

(PCT Article 49 and Rule 83.2)

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)
Applicant	

Pursuant to Rule 83.2, this International Preliminary Examining Authority hereby requests information as to whether the following person has the right to practice before your Office/organization:

Name:

Address:

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

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO REQUEST RECTIFICATION

(PCT Rule 91.1(d))

To:	Date of mailing (day/month/year)
Applicant's or agent's file reference	REPLY DUE see item 2 and the last paragraph below
International application No.	International filing date (day/month/year)
Applicant	

1. This International Preliminary Examining Authority has discovered in the international application/in other papers submitted by the applicant/what appears to be an obvious error

as shown on the attached copy

as specified hereafter:

2. The applicant is hereby **invited to submit a request for rectification** to the following authority:

the receiving Office

this International Preliminary
Examining Authority

the International Bureau of WIPO
34 chemin des Colombettes
1211 Geneva 20, Switzerland

HOW TO CORRECT AN ERROR (Rule 26.4(a))

A replacement sheet must be submitted and the rectification must be stated in an accompanying letter drawing attention to the differences between the replaced sheet and the replacement sheet.

The rectification may be stated in a letter.

The applicant may choose either of the two possibilities described above.

ATTENTION

No rectification will be made without the express authorization of the competent authority indicated above (see Rule 91.1(g) to (g-*quater*) for further details and for time limits).

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

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION OF DECISION CONCERNING REQUEST FOR RECTIFICATION

(PCT Rule 91.1(f))

To:

Date of mailing <i>(day/month/year)</i>
--

Applicant's or agent's file reference

REPLY DUE NONE However, see last paragraph below

International application No.

International filing date <i>(day/month/year)</i>
--

Applicant

The applicant is hereby notified that this International Preliminary Examining Authority has considered the request for rectification of obvious errors in the international application/in other papers, submitted by the applicant to this Authority, and that it has decided:

1. to authorize the rectification:
- as requested by the applicant.
- to the extent set forth below*:

2. to refuse to authorize the rectification or part of it for the following reasons*:

A copy of this notification, together with a copy of the applicant's request for rectification, has been sent to the International Bureau.

* **If the authorization of the rectification has been refused in whole or in part** and the international application has not yet been published, the applicant may request the International Bureau, before the technical preparations for international publication have been completed and subject to the payment of a fee, to publish the request for rectification together with the international application. See Rule 91.1(f), third and fourth sentences and, for the amount of the fee, see Annex B2(WO), Volume I of the PCT Applicant's Guide.

Name and mailing address of the IPEA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
REQUESTED COPIES OF DOCUMENTS IN FILE

(PCT Rule 94.1)

To:

Date of mailing (day/month/year)

Applicant's or agent's file reference

INFORMATION ONLY

International application No.

International filing date (day/month/year)

Applicant

This International Preliminary Examining Authority, in response to the request received, transmits herewith _____ (*number of*) copies of the following documents contained in the file of the international application.

(*List of documents*)

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

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO FURNISH TRANSLATION OF PRIORITY DOCUMENT

(PCT Rule 66.7(b))

To:

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

This International Preliminary Examining Authority hereby invites the applicant to furnish to it, within the time limit indicated above, a translation into the following language:

of the following earlier application(s) whose priority is claimed in the international application.

Failure to furnish the requested translation within that time limit may result in the international preliminary examination report being established as if the priority(ies) had not been claimed.

<u>Country</u>	<u>Priority date</u>	<u>Priority number</u>

Name and mailing address of the IPEA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

To:

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20
Switzerland

NOTIFICATION CONCERNING
DOCUMENTS TRANSMITTED

Date of mailing
(day/month/year)

This International Preliminary Examining Authority transmits herewith the following documents:

(number)

1. _____ demands (Rule 61.1(a)).

2. _____ copies of international preliminary examination reports and their annexes (Rule 71.1).

3. _____ other documents (*specify*):

The Annex contains a list identifying each document transmitted by the type of document it is, the corresponding international application number and, if necessary, other information.

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

ANNEX TO FORM PCT/IPEA/415

Type of document	International application No.	Other information

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

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

(PCT Rule 71.1)

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>	Priority date <i>(day/month/year)</i>
Applicant		

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary report on patentability and its annexes, if any, established on the international application.

2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.

3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. **REMINDER**

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the *PCT Applicant's Guide*.

The applicant's attention is drawn to Article 33(5), which provides that the criteria of novelty, inventive step and industrial applicability described in Article 33(2) to (4) merely serve the purposes of international preliminary examination and that "any Contracting State may apply additional or different criteria for the purposes of deciding whether, in that State, the claimed invention is patentable or not" (see also Article 27(5)). Such additional criteria may relate, for example, to exemptions from patentability, requirements for enabling disclosure, clarity and support for the claims.

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

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF
REQUESTED COPIES OF CITED DOCUMENTS

(PCT Article 36(4))

To:

Date of mailing (day/month/year)

Applicant's or agent's file reference

INFORMATION ONLY

International application No.

International filing date (day/month/year)

Applicant

This International Preliminary Examining Authority, in response to the request received, transmits herewith _____ (*number of*) copies of the documents listed below. These documents were cited in the international preliminary examination report established on the international application but were not cited in the international search report.

(*List of documents*)

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

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION OF DECISION ON PROTEST

(PCT Rule 68.3(c) and (e) and
Administrative Instructions, Section 603)

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)

Applicant

The applicant is hereby notified that this International Preliminary Examining Authority, after having examined the protest on the payment of the additional fees, has reached the decision indicated below.

1. **The protest is found justified** to the extent that:
- total reimbursement of the additional fees [and the protest fee] will be made in due course.
 - partial reimbursement in the amount of _____ (amount/currency) will be made in due course for the following reason(s):

2. **The protest is found unjustified** and the additional fee(s) [and the protest fee] will not be refunded for the following reason(s):

ATTENTION

The applicant should notify the International Bureau promptly if he wishes a copy of the protest and the decision thereon to be sent to the elected Offices.

Name and mailing address of the IPEA/

Facsimile No.

Authorized officer

Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO PAY FOR REQUESTED COPIES OF CITED DOCUMENTS

(PCT Rule 71.2(b))

To:

Date of mailing <i>(day/month/year)</i>
--

Applicant's or agent's file reference

PAYMENT DUE within _____ months/days from the above date of mailing

International application No.

International filing date <i>(day/month/year)</i>
--

Applicant

<p>This International Preliminary Examining Authority will, upon receipt of payment in the amount of:</p> <p style="text-align: center;">_____ <i>(amount/currency)</i></p> <p>promptly transmit the requested _____ <i>(number of)</i> copies of the documents which were cited in the international preliminary examination report established on the international application and which were not cited in the international search report.</p>
--

Name and mailing address of the IPEA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO PAY FOR REQUESTED
COPIES OF DOCUMENTS IN THE FILE

(PCT Rule 94.1)

To:

Date of mailing <i>(day/month/year)</i>
--

Applicant's or agent's file reference

PAYMENT DUE within _____ months/days from the above date of mailing

International application No.

International filing date <i>(day/month/year)</i>
--

Applicant

<p>1. The addressee is hereby invited, within the time limit indicated above, to pay the following fee:</p> <p style="text-align: center;">_____ <i>(amount/currency)</i></p> <p>to cover the cost of preparation and mailing of the requested _____ <i>(number of)</i> copies of the documents contained in the file of the international application.</p> <p>2. These copies will be promptly transmitted upon receipt of the payment.</p>
--

Name and mailing address of the IPEA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO CORRECT DEFECTS IN CORRESPONDENCE SUBMITTED BY THE APPLICANT

(PCT Rules 92.1(b) and 92.4(g)(ii))

To:

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 remedy the omission** mentioned below.

2. This International Preliminary Examining Authority acknowledges the receipt on: _____
of papers purporting to be:

_____.

3. However, the said papers were
 - not accompanied by a letter. (Rule 92.1(a))
 - accompanied by a letter which, nevertheless, was not signed. (Rule 92.1(a))
 - furnished in the form of a letter which, nevertheless, was not signed. (Rule 92.1(a))
 - transmitted by facsimile machine, but the original has not been received. (Rule 92.4(d))

4. The said letter or papers are returned herewith.

5. **Failure to remedy the omission** within the time limit indicated above will result in the said letter or papers being disregarded or, in the case of a facsimile transmission, considered as not having been submitted.

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

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

COMMUNICATION IN CASES FOR WHICH
NO OTHER FORM IS APPLICABLE

To:

Date of mailing
(day/month/year)

Applicant's or agent's file reference

REPLY DUE
See paragraph 1 below

International application No.

International filing date
(day/month/year)

Applicant

1. REPLY DUE within _____ months/days from the above date of mailing
 NO REPLY DUE

2. COMMUNICATION:

Name and mailing address of the IPEA/

Facsimile No.

Authorized officer

Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION OF CANCELLATION OF CERTAIN ELECTIONS

(PCT Article 31(4)(a) and
Administrative Instruction, Section 606)

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)
Applicant	

1. This International Preliminary Examining Authority has found that the applicant has elected the following States:

which are not designated States (*specify*):

which are not bound by Chapter II of the PCT (*specify*):

2. Consequently, the applicant is hereby notified that the said elections have been cancelled *ex officio*.

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

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

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

COMMUNICATION REGARDING
EXTENSION OF TIME LIMIT

(PCT Rules 60.1(a) and 66.2(d))

To:

Date of mailing (day/month/year)

Applicant's or agent's file reference

IMPORTANT COMMUNICATION

International application No.

International filing date (day/month/year)

Applicant

<p>1. In response to the applicant's request of _____, the time limit for replying to:</p> <p><input type="checkbox"/> the _____ written opinion</p> <p><input type="checkbox"/> (other) _____</p> <p>has been extended as follows:</p> <p><input type="checkbox"/> extension of _____ months/days from _____</p> <p><input type="checkbox"/> extension until _____</p> <p>2. <input type="checkbox"/> No extension of the time limit is granted and the time limit remains as previously set.</p>
--

Name and mailing address of the IPEA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

PCT

NOTE ON INFORMAL COMMUNICATION WITH THE APPLICANT

(PCT Rule 66.6)

International application No.	Applicant's or agent's file reference	Date of informal communication <i>(day/month/year)</i>
Applicant		

<u>Communication</u> <input type="checkbox"/> by telephone <input type="checkbox"/> personal	<u>Participants</u> <input type="checkbox"/> Applicant: <input type="checkbox"/> Agent: <input type="checkbox"/> Examiner(s):	<input type="checkbox"/> identity checked	<input type="checkbox"/> authorization checked	<input type="checkbox"/> personally known
--	--	---	--	---

Summary of communication:

- An extension of time limit is granted (Form PCT/IPEA/427).
- A copy of this note is being sent to the applicant with Form PCT/IPEA/429.

Applicant/Agent	Authorized officer of IPEA/ Telephone No.
-----------------	--

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION CONCERNING INFORMAL COMMUNICATION WITH THE APPLICANT

(PCT Rule 66.6)

To:

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

<p>1. An informal communication took place on _____, between the undersigned and</p> <p style="margin-left: 20px;"><input type="checkbox"/> the applicant</p> <p style="margin-left: 20px;"><input type="checkbox"/> the agent</p> <p>and this International Preliminary Examining Authority transmits herewith a copy of the note on that communication (Form PCT/IPEA/428).</p> <p>2. Further examination of the international application has revealed that the application fails to meet the requirements of the PCT and the Regulations as explained in the attached note.</p> <p>3. The applicant is hereby invited, within the time limit indicated above, to submit a written reply accompanied by amendments.</p> <p>4. If no reply is submitted, the international preliminary examination report will reflect only the opinion expressed by this Authority.</p>
--

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

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

REQUEST FOR INTERNATIONAL SEARCHING
AUTHORITY TO FURNISH COPY OF
SEQUENCE LISTING TO INTERNATIONAL
PRELIMINARY EXAMINING AUTHORITY

(PCT Rule 13ter.1(e))

To:
in its capacity as International Searching Authority

Date of mailing (day/month/year)

International application No.

International filing date (day/month/year)

Applicant

The International Preliminary Examining Authority hereby requests the International Searching Authority to transmit to it a copy of the nucleotide and/or amino acid sequence listing which was furnished by the applicant or transcribed by the International Searching Authority under Rule 13ter.1.(a).

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

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO SUBMIT AMENDMENTS

(PCT Rule 60.1(g))

To:

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

<p>1. The applicant is hereby invited, within the time limit indicated above, to submit to this International Preliminary Examining Authority the following documents which were referred to in the statement concerning amendments made in the demand for international preliminary examination, but not attached to the demand:</p> <p><input type="checkbox"/> amendments made under Article 34 of</p> <p style="margin-left: 40px;"><input type="checkbox"/> the description</p> <p style="margin-left: 40px;"><input type="checkbox"/> the claims</p> <p style="margin-left: 40px;"><input type="checkbox"/> the drawings</p> <p><input type="checkbox"/> letter accompanying amendments under Article 34.</p> <p>2. If the documents are submitted to this Authority within the time limit indicated above, they will be taken into account for the start of the international preliminary examination (Rule 69.1(e)).</p> <p>3. If the documents are not submitted to this Authority within the time limit indicated above, the international preliminary examination may start without taking them into account (Rule 66.4bis).</p>

Name and mailing address of the IPEA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

COMMUNICATION REGARDING
AMENDMENTS NOT TAKEN INTO ACCOUNT

(PCT Rule 66.4bis)

To:

Date of mailing <i>(day/month/year)</i>
--

Applicant's or agent's file reference

INFORMATION ONLY

International application No.

International filing date <i>(day/month/year)</i>
--

Applicant

The applicant is hereby informed that the amendments under Article 34 submitted with the letter of:

have not been taken into account by this International Preliminary Examining Authority because they were received after this Authority had started:

to draw up the _____ written opinion.

If he so wishes, the applicant may submit these amendments again in response to that written opinion.

to establish the international preliminary examination report.

There is no opportunity for the applicant during the international phase to submit amendments in response to the international preliminary examination report.

However, the applicant is entitled to submit amendments before each elected Office upon entry into the national phase (Article 41 and Rule 78).

Name and mailing address of the IPEA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION REGARDING ATTEMPTED
TRANSMISSION OF DOCUMENTS VIA
TELEGRAPH, TELEPRINTER,
FACSIMILE MACHINE, ETC.

(PCT Rule 92.4(c))

To:	Date of mailing (day/month/year)
Applicant's or agent's file reference	REPLY DUE NONE However, see last paragraph below
International application No.	International filing date (day/month/year)
Applicant	

<p>1. The applicant is hereby notified that this International Preliminary Examining Authority has received via facsimile machine/teleprinter/telegraph a document which appears to be/entitled:</p> <p>_____ .</p> <p>2. However, <input type="checkbox"/> that document, as received, is illegible, <input type="checkbox"/> a part of that document was not received, as explained below:</p> <p>3. Consequently, the document is treated as not having been received by this International Preliminary Examining Authority and the applicant should attempt to re-transmit it.</p>

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

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO FURNISH ORIGINAL
OF DOCUMENT TRANSMITTED BY
TELEGRAPH, TELEPRINTER,
FACSIMILE MACHINE, ETC.

(PCT Rule 92.4(d), (e) and (f))

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

1. This International Preliminary Examining Authority has received on _____
via facsimile machine/teleprinter/telegraph a document which appears to be/which is/entitled:

_____ .

2. However, the original of the document was not furnished within 14 days of the date of receipt of the earlier transmission as is required by this Authority.

3. The applicant is hereby **invited** within the time limit indicated above **to furnish the original** of the document concerned with a letter identifying the earlier transmission.

4. **Failure to furnish the original of the document concerned** within the time limit indicated above will result in that document being considered as not having been submitted.

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

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION REGARDING RECEIPT
OF DOCUMENTS VIA TELEGRAPH,
TELEPRINTER, FACSIMILE MACHINE, ETC.

(PCT Rule 92.4(h))

To:

Date of mailing <i>(day/month/year)</i>
--

Applicant's or agent's file reference

REPLY DUE NONE However, see last paragraph below

International application No.

International filing date <i>(day/month/year)</i>
--

Applicant

<p>1. The applicant is hereby notified that this International Preliminary Examining Authority has received via</p> <p style="text-align: center;"> <input type="checkbox"/> facsimile machine <input type="checkbox"/> teleprinter <input type="checkbox"/> telegraph </p> <p> <input type="checkbox"/> other means <i>(specify)</i>: _____ </p> <p style="margin-top: 20px;">the following document: _____</p> <p>2. However, this Authority does not accept that documents be transmitted to it by that means.</p> <p>3. Consequently, the document concerned is treated as not having been received by this Authority. The applicant should promptly submit the original document to this Authority by mail, air mail, or another means accepted by this Authority.</p>
--

Name and mailing address of the IPEA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF DEMAND
TO THE INTERNATIONAL BUREAU OR TO THE
COMPETENT INTERNATIONAL PRELIMINARY
EXAMINING AUTHORITY

(PCT Rule 59.3(a) and (f) and
Administrative Instructions, Section 601)

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>	Priority date <i>(day/month/year)</i>
Applicant		

1. This International Preliminary Examining Authority, which has **received** on the date indicated below a demand for international preliminary examination, is not competent for the international preliminary examination of the international application:

_____ *(date of receipt)*

2. The applicant is hereby **notified** that:
 - this Authority **has transmitted the demand to the International Bureau** which will transmit it, as the case may be, directly to the competent International Preliminary Examining Authority and inform the applicant accordingly, or invite the applicant to indicate the competent International Preliminary Examining Authority to which the demand should be transmitted.
 - this Authority **has transmitted the demand directly to the competent International Preliminary Examining Authority** which is:

3. The date of receipt indicated above has been marked on the demand; **the demand will, in accordance with Rule 59.3(e), be considered to have been received by the competent International Preliminary Examining Authority on that date of receipt.**
 - ATTENTION:** That date of receipt is **after** the expiration of 19 months from the priority date. Consequently, in respect of some Offices, the demand does not have the effect of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)) and the acts for entry into the national phase must therefore be performed within 20 months from the priority date (or later in some Offices). **However**, in respect of some other Offices, the time limit of 30 months (or later) may nevertheless apply. 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.
 - ATTENTION:**
 - That date of receipt is **after** the expiration of the applicable time limit under Rule 54bis.1(a). Any demand made after the expiration of said time limit shall be considered as if it had not been submitted and the International Preliminary Examining Authority shall so declare (Rule 54bis.1(b)).
 - This International Preliminary Examining Authority is not in a position to determine whether that date of receipt is **after** the expiration of the applicable time limit under Rule 54bis.1(a), that is, three months from the date of transmittal to the applicant of the international search report (or of the declaration referred to in Article 17(2)(a)) and the written opinion established under Rule 43bis.1 or 22 months from the priority date, whichever expires later.
 - (If applicable)* The applicant has already been informed accordingly by telephone, facsimile transmission or in person, on: _____

4. A copy of this notification is being sent to the International Bureau or to the competent International Preliminary Examining Authority indicated above, as the case may be.

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

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION CONCERNING
PAPER BEING DISREGARDED OR
DOCUMENT CONSIDERED AS NOT
HAVING BEEN SUBMITTED

(PCT Rules 92.1(b), last sentence, and 92.4(g)(ii))

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)

Applicant

1. An invitation (Form PCT/IPEA/423) to correct defects in correspondence submitted by the applicant was mailed by this International Preliminary Examining Authority on:

_____ .

However, no response to the invitation was received by this Authority within the time limit indicated in that invitation.

Consequently, this Authority hereby notifies the applicant that **the paper referred to in that invitation is being disregarded.**

2. An invitation (Form PCT/IPEA/434) to furnish the original of a document transmitted by telegraph, teleprinter, facsimile machine, etc., was mailed by this Authority on:

_____ .

However, no response to the invitation was received by this Authority within the time limit indicated in that invitation.

Consequently, this Authority hereby notifies the applicant that the **document referred to in that invitation is considered as not having been submitted.**

Name and mailing address of the IPEA/

Facsimile No.

Authorized officer

Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO PAY PRESCRIBED FEES
TOGETHER WITH LATE PAYMENT FEE

(PCT Rule 58bis)

To:

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
(day/month/year)

Applicant

1. This International Preliminary Examining Authority has found that the **prescribed fees** (that is, preliminary examination and handling fees) have not been paid (in full), within the time limit prescribed under Rules 57 and 58 (see below for details of the calculation).

2. The applicant is hereby **invited**, within the time limit indicated above, **to pay the total amount due indicated below:**

Preliminary examination fee _____ **P**

Handling fee* + _____ **H**

Total fees payable = _____

Amount paid - _____

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

* Applicants from certain States are entitled to a reduction of 75% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 25% of the handling fee. See Notes to the Fee Calculation Sheet annexed to the Demand Form, PCT/IPEA/401, for details.

3. **Failure to pay** the total amount due within the time limit indicated above may result in this Authority declaring that the demand is considered as if it had not been submitted (Rule 58bis.1(b)).

4. Additional observations (if any):

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

Name and mailing address of the receiving Office

Facsimile No.

Authorized officer

Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO FURNISH NUCLEOTIDE
AND/OR AMINO ACID SEQUENCE LISTING
AND/OR TABLES RELATED THERETO
COMPLYING WITH STANDARD
AND/OR TECHNICAL REQUIREMENTS

(PCT Rule 13^{ter}.1(e) and
Administrative Instructions, Sections 208 and 802
and Annexes C and C-bis)

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

<p>1. The applicant is hereby invited, within the time limit indicated above, to furnish to this Authority:</p> <p><input type="checkbox"/> a nucleotide and/or amino acid sequence listing in written form 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.</p> <p><input type="checkbox"/> a statement to the effect that the sequence listing in written form, already furnished to this Authority, does not go beyond the disclosure in the international application as filed.</p> <p><input type="checkbox"/> a nucleotide and/or amino acid sequence listing and/or tables related thereto in computer readable 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 computer readable form is identical to the written sequence listing and/or tables related thereto.</p> <p><input type="checkbox"/> a statement that the information recorded in computer readable form (that computer readable form having already been furnished to this Authority) is identical to the written sequence listing and/or tables related thereto.</p> <p>2. Failure to comply with this invitation may result in this Authority not carrying out the international preliminary examination to the extent that no meaningful examination can be carried out.</p> <p>3. Further observations (<i>if necessary</i>):</p>
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Name and mailing address of the IPEA/ Facsimile No.	Authorized officer Telephone No.
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PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO INDICATE
COMPETENT INTERNATIONAL PRELIMINARY
EXAMINING AUTHORITY

(PCT Rule 59.3(f) and
Administrative Instructions, Section 601)

To:

Date of mailing
(day/month/year)

Applicant's or agent's file reference	REPLY DUE	15 days from the above date of mailing or within the time limit applicable under Rule 54bis.1(a), whichever expires later
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International application No.	International filing date (day/month/year)	Priority date (day/month/year)
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Applicant

1. This International Preliminary Examining Authority, which has **received**, on the date indicated below, a demand for international preliminary examination, is not competent for the international preliminary examination of the international application:

_____ (date of receipt)

2. The applicant is hereby **invited**, within the time limit indicated above, **to indicate the competent International Preliminary Examining Authority** to which the demand should be transmitted (Rule 59.3(c)(ii)).

Failure to respond to this invitation, within the time limit indicated above, will result in this Authority declaring that the demand will be considered not to have been submitted (Rule 59.3(d)).

3. The date of receipt indicated above has been marked on the demand; **provided the applicant responds to this invitation within the time limit indicated above, the demand will, in accordance with Rule 59.3(e), be considered to have been received by the competent International Preliminary Examining Authority on that date of receipt.**

ATTENTION: That date of receipt is **after** the expiration of 19 months from the priority date. Consequently, in respect of some Offices, the demand does not have the effect of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)) and the acts for entry into the national phase must therefore be performed within 20 months from the priority date (or later in some Offices). **However**, in respect of some other Offices, the time limit of 30 months (or later) may nevertheless apply. 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.

ATTENTION:

That date of receipt is **after** the expiration of the applicable time limit under Rule 54bis.1(a). Any demand made after the expiration of said time limit shall be considered as if it had not been submitted and the competent International Preliminary Examining Authority shall so declare (Rule 54bis.1(b)).

This International Preliminary Examining Authority is not in a position to determine whether that date of receipt is **after** the expiration of the applicable time limit under Rule 54bis.1(a), that is, three months from the date of transmittal to the applicant of the international search report (or of the declaration referred to in Article 17(2)(a)) and the written opinion established under Rule 43bis.1 or 22 months from the priority date, whichever expires later.

(If applicable) The applicant has already been informed accordingly by telephone, facsimile transmission or in person, on: _____

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

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

INVITATION TO FURNISH TRANSLATION FOR THE PURPOSES OF INTERNATIONAL PRELIMINARY EXAMINATION

(PCT Rules 55.2, 55.3 and 66.9)

To:

Date of mailing <i>(day/month/year)</i>
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Applicant's or agent's file reference

REPLY DUE within ONE MONTH from the above date of mailing
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International application No.

International filing date <i>(day/month/year)</i>
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Applicant

<p>1. <input type="checkbox"/> The applicant is hereby invited to furnish to this International Preliminary Examining Authority, within the time limit indicated above, a translation of the international application into the (one of the) following language(s):</p> <p style="margin-left: 40px;">Failure to furnish the required translation within that time limit will result in the demand being considered not to have been submitted.</p> <p>2. <input type="checkbox"/> The applicant is hereby invited to furnish to this International Preliminary Examining Authority, within the time limit indicated above, in the following language:</p> <p style="margin-left: 40px;">the following element(s) referred to in Box VI (Check list) of the demand:</p> <ul style="list-style-type: none"> <input type="checkbox"/> translation of the international application <input type="checkbox"/> amendments under Article 34 <input type="checkbox"/> amendments under Article 19 <input type="checkbox"/> statement under Article 19 <input type="checkbox"/> letter <p style="margin-left: 40px;">Failure to furnish the required element(s) in the required language within the time limit indicated above, will result in the amendment not being taken into account for the purposes of international preliminary examination.</p>

Name and mailing address of the IPEA/
Facsimile No.

Authorized officer
Telephone No.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION BY NON-COMPETENT
INTERNATIONAL PRELIMINARY EXAMINING
AUTHORITY THAT DEMAND CONSIDERED
NOT TO HAVE BEEN SUBMITTED

(PCT Rule 59.3(d) and (f))

To:

Date of mailing <i>(day/month/year)</i>
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Applicant's or agent's file reference

IMPORTANT NOTIFICATION

International application No.

International filing date <i>(day/month/year)</i>
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Applicant

1. The applicant is hereby notified that **this International Preliminary Examining Authority declares that the demand is considered not to have been submitted** since the applicant has not furnished within the time limit referred to in the invitation (Form PCT/IPEA/442) the indication of the competent International Preliminary Examining Authority to which the demand should have been transmitted.

2. This Authority will **refund** to the applicant any amount paid in respect of the demand and no international preliminary examination will be carried out.

3. **ATTENTION**
Since the demand is considered not to have been submitted, it does **not** have the effect, in respect of some Offices, of postponing the entry into the national phase until 30 months from the priority date (or later in some Offices) (Article 39(1)) and the acts for entry into the national phase must therefore be performed within 20 months from the priority date (or later in some Offices). **However**, in respect of some other Offices, the time limit of 30 months (or later) may nevertheless apply. 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.

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

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