

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.

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

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

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

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

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

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

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

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, this international-type search was carried out on the basis of a sequence listing filed or furnished:

a. (means)

on paper

in electronic form

b. (time)

in the application as filed

together with the application in electronic form

subsequently to this Authority for the purposes of search

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

3. Additional comments:

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

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

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

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

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

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

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

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

Remark on Protest

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

INTERNATIONAL-TYPE SEARCH REPORT

Search request No.

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/	Authorized officer
Facsimile No.	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 <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>

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

Applicant

1. Where the International Searching Authority and the receiving Office are not the same Office:

The applicant is hereby notified that the search copy of the international application was received by this International Searching Authority on the date indicated below.

Where the International Searching Authority and the receiving Office are the same Office:

The applicant is hereby notified that the search copy of the international application was received on the date indicated below.

_____ *(date of receipt)*

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

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

4. Time limit for establishment of international search report and written opinion of the International Searching Authority

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

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

Name and mailing address of the ISA/ Facsimile No.

Authorized officer Telephone No.

PATENT COOPERATION TREATY

PCT

DECLARATION OF NON-ESTABLISHMENT OF INTERNATIONAL SEARCH REPORT

(PCT Article 17(2)(a), Rules 13*ter*.1(c) and (d) and 39)

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

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

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

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

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 MODIFICATION
OF ABSTRACT APPROVED BY
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 38.3
and Administrative Instructions, Section 515)

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

The applicant is hereby notified that this International Searching Authority has considered the comments received from the applicant on the abstract and has decided that:

- the text of the abstract remains as previously established or approved by this Authority (Form PCT/ISA/210) 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 indicated below/in the Annex.

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

Name and mailing address of the ISA/ Facsimile No.

Authorized officer Telephone No.

International application No.

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PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

INVITATION TO PAY ADDITIONAL FEES
AND, WHERE APPLICABLE, PROTEST FEE

(PCT Article 17(3)(a) and Rules 40.1 and 40.2(e))

To:

Date of mailing <i>(day/month/year)</i>	
Applicant's or agent's file reference	PAYMENT DUE within ONE MONTH 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:

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

(iii) 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.:

(iv) 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. Consequently, the applicant is hereby **invited to pay**, within the time limit indicated above, additional fees in the amount indicated below:

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

3. The applicant is informed that, according to Rule 40.2(c), **the payment of any additional fees may be made under protest**, that is, 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 fees is excessive, where applicable, subject to the payment of a protest fee.

Where the applicant pays additional fees under protest, the applicant is hereby invited, within the time limit indicated above, to pay a protest fee (Rule 40.2(e)) in the amount of _____ (*amount/currency*)

Where the applicant has not, within the time limit indicated above, paid the required protest fee, the protest will be considered not to have been made and the International Searching Authority will so declare.

4. 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/	Authorized officer
Facsimile No.	Telephone No.

INVITATION TO PAY ADDITIONAL FEES
AND, WHERE APPLICABLE, PROTEST FEE

International application No.

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 and, where applicable, protest fee (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 <i>(day/month/year)</i>
International application No.	International filing date <i>(day/month/year)</i>
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 20.1(c)).
3. The claims are not in (one of) the prescribed language(s), which is (are): _____
(Article 11(1)(ii) and Rules 12.1(a) and 20.1(c)).
4. The application does not contain an indication that it is intended as an international application
(Article 11(1)(iii)(a) and Rule 4.2).
5. The application does not contain the name of the applicant, as prescribed
(Article 11(1)(iii)(c) and Rule 20.1(b)).
6. The application does not contain a part which on the face of it appears to be a description
(Article 11(1)(iii)(d) and Rule 5).
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.
- a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

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

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

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

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

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

- the text is approved as submitted by the applicant.
- the text has been established by this Authority to read as follows:

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

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

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

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

- as suggested by the applicant.
- as selected by this Authority, because the applicant failed to suggest a figure.
- as selected by this Authority, because this figure better characterizes the invention.

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

INTERNATIONAL SEARCH REPORT

International application No.

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

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

INTERNATIONAL SEARCH REPORT

International application No.

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

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

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

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

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

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

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

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

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

Remark on Protest

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

INTERNATIONAL SEARCH REPORT

International application No.

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

[Empty box for abstract text]

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	

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

(*List of documents*)

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 DECISION ON PROTEST OR DECLARATION THAT PROTEST CONSIDERED NOT TO HAVE BEEN MADE

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

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

The applicant is hereby notified that this International Searching 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, where applicable, any protest fee paid 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 fees and, where applicable, any protest fee paid will not be refunded for the following reason(s):

3. The International Searching Authority declares that the protest is considered not to have been made since the applicant has not paid the protest fee within the time limit referred to in the invitation (Form PCT/ISA/206) dated _____.

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/	Authorized officer
Facsimile No.	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 (day/month/year)

Applicant's or agent's file reference

INFORMATION ONLY

International application No.

International filing date (day/month/year)

Applicant

1. The applicant is hereby notified that the amount of _____ (amount/currency) 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:

- a. the earlier international search report
- b. the international-type search report
- c. the other search report

referred to in the request was wholly or partially used to establish the international search report on the international application.

2. The applicant is hereby notified that the amount of _____ (amount/currency) 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.

3. The above amount will be refunded separately.

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

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 Searching 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 ISA/ Facsimile No.

Authorized officer Telephone No.

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

INVITATION TO REQUEST RECTIFICATION

(PCT Rules 91.1(h) and 91.2)

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 Searching Authority has discovered in the international application/in other documents submitted by the applicant to this Authority what appears to be an obvious mistake:

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

HOW TO CORRECT A MISTAKE?

Except where the mistake is in the request, any rectification must be submitted in the form of a replacement sheet or sheets, accompanied by a letter drawing attention to the differences between the replaced sheet and the replacement sheet. For a mistake in the request, the desired rectification may simply be stated in a letter if it is of a nature where the change can be transferred clearly onto the request record copy (Rule 26.4).

ATTENTION

No rectification will be made without the express authorization of the competent authority indicated above and the request for rectification must be submitted to that authority within 26 months from the priority date (Rule 91.2).

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 91.3(a) and (d))

To:

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

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

1. a. to authorize the rectification:

as requested by the applicant.

to the extent set forth below*:

b. The rectification **will be or has been taken into account** for the purposes of the international search (Rule 43.6bis(a)).

The rectification **has not been taken into account** because it was authorized by this Authority after this Authority has begun to draw up the international search report (Rule 43.6bis(b)).

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, within two months from the date of the refusal and subject to the payment of a special fee, to publish the request for rectification and the reasons for refusal by this Authority and any further brief comments that may be submitted by the applicant together with the international application. See Rule 91.3(d) and, for the amount of the fee, see the *PCT Applicant's Guide*, Volume I, Annex B2(IB).

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

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

(PCT Rule 9)

To:

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

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/ Facsimile No.	Authorized officer Telephone No.
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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. _____ copies of supplementary international search reports (Rule 45bis.8(a))
7. _____ copies of declarations of non-establishment of supplementary international search reports (Rule 45bis.5(c) and (e))
8. _____ 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 22 338 82 70

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

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

3. **With regard to any 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 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

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

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

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

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

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

NOTES TO FORM PCT/ISA/220

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

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

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

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

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

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

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

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

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

Where not to file the amendments?

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

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

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

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

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

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

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

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

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

NOTES TO FORM PCT/ISA/220 (continued)

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

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

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

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

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

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

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

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

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

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

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

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

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

If a demand for international preliminary examination is made, the written opinion of the International Searching Authority will, except in certain cases where the International Preliminary Examining Authority did not act as International Searching Authority and where it has notified the International Bureau under Rule 66.1*bis*(b), be considered to be a written opinion of the International Preliminary Examining Authority. If a demand is made, the applicant may submit to the International Preliminary Examining Authority a reply to the written opinion together, where appropriate, with amendments before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later (Rule 43*bis*.1(c)).

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

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

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

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

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. REPLY DUE within _____ months/days from the above date of mailing
 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 TO PAY,
WHERE APPLICABLE, LATE FURNISHING FEE

(PCT Rule 13^{ter}.1(a) to (d) and
Administrative Instructions, Section 208 and Annex C)

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 on paper complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a statement to the effect that the sequence listing does not go beyond the disclosure in the international application as filed.</p> <p><input type="checkbox"/> a statement to the effect that the sequence listing on paper or in electronic form, as the case may be, 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 in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a statement that the information recorded in electronic form is identical to the sequence listing as contained in the international application.</p> <p><input type="checkbox"/> a statement confirming that the information recorded in electronic form submitted under Rule 13^{ter} is identical to the sequence listing as contained in the international application.</p> <p><input type="checkbox"/> a nucleotide and/or amino acid sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a statement to the effect that the sequence listing does not go beyond the disclosure in the international application as filed.</p> <p>2. The applicant is hereby invited, within the time limit indicated above, to pay to this Authority:</p> <p><input type="checkbox"/> a late furnishing fee in the amount of _____ <i>(currency/amount)</i></p> <p>3. Failure to comply with this invitation may result in this Authority only carrying out the international search to the extent that a meaningful search can be carried out without the sequence listing.</p> <p>4. 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 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		

1. The applicant is hereby notified that this International Searching Authority has received via facsimile machine/teleprinter/telegraph a document which appears to be/entitled:

_____ .

2. However, that document, as received, is illegible,
 a part of that document was not received,
as explained below:

3. Consequently, **the document is treated as not having been received** by this International Searching Authority and the applicant should attempt to re-transmit it.

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

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

To:

Date of mailing (day/month/year)

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

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>_____</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 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>
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Applicant

<p>1. The applicant is hereby notified that this International Searching Authority has received via</p> <p style="text-align: center;"> <input type="checkbox"/> facsimile machine <input type="checkbox"/> teleprinter <input type="checkbox"/> telegraph <input type="checkbox"/> other means <i>(specify)</i>: _____ </p> <p>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 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.
---	---

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
---------------------------------------	-------------------------------

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 **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 <i>(day/month/year)</i>
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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 <i>(day/month/year)</i>	Priority date <i>(day/month/year)</i>
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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 **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 <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>	Priority date <i>(day/month/year)</i>
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>)
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Applicant's or agent's file reference	FOR FURTHER ACTION See paragraph 2 below
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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 and 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/ Facsimile No.	Date of completion of this opinion	Authorized officer Telephone No.
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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:
 - the international application in the language in which it was filed.
 - a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43*bis*.1(a))

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

 - b. (time)
 - in the international application as filed
 - together with the international application in electronic form
 - subsequently to this Authority for the purposes of search

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

5. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

Box No. II Priority

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

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

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

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

- the entire international application.
- claims Nos. _____

because:

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

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

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

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

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

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

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

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

- See Supplemental Box for further details.

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

Box No. IV Lack of unity of invention

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

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

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

1. Statement

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

2. Citations and explanations:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

Box No. VI Certain documents cited

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

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

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

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

INVITATION TO FURNISH DOCUMENTS IN CONNECTION WITH EARLIER SEARCH

(PCT Rule 12bis.1(b))

To:

Date of mailing <i>(day/month/year)</i>
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Applicant's or agent's file reference	REPLY DUE within _____ month/days 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. The applicant has requested, by marking the request form accordingly (see Box No. VII of Form PCT/RO/101), that this International Searching Authority take into account the results of an earlier search carried out by another International Searching Authority or a national Office (Rule 4.12). Moreover, where applicable, even though the applicant had marked certain documents as being available to this International Searching Authority, they are in fact not available in a form and manner acceptable to this Authority.</p> <p>2. In the case where the request to take into account the results of an earlier search concerns multiple earlier searches, this Invitation relates to the following earlier search:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; padding: 5px;">Filing date <i>(day/month/year)</i></td> <td style="width: 33%; padding: 5px;">Application Number</td> <td style="width: 33%; padding: 5px;">Country <i>(or regional Office)</i></td> </tr> </table> <p>3. The applicant is hereby invited, within the prescribed time limit indicated above, to furnish this Authority with:</p> <p><input type="checkbox"/> a copy of the earlier application,</p> <p><input type="checkbox"/> a translation of the earlier application into the following _____ language which is accepted by this Authority,</p> <p><input type="checkbox"/> a translation of the results of the earlier search into the following language _____ which is accepted by this Authority,</p> <p><input type="checkbox"/> a copy of all, or certain documents, cited in the results of the earlier search, as listed below in 5. <i>Further observations</i>.</p> <p>4. Failure to comply with this Invitation may result in this Authority not taking into account the results of the earlier search as requested by the applicant in the request form.</p> <p>5. Further observations <i>(if necessary)</i>:</p>	Filing date <i>(day/month/year)</i>	Application Number	Country <i>(or regional Office)</i>
Filing date <i>(day/month/year)</i>	Application Number	Country <i>(or regional Office)</i>	

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