From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

То:			PCT
		OF DEMAND I PRELIMIN (PCT Rules	TIFICATION OF RECEIPT BY COMPETENT INTERNATIONAL ARY EXAMINING AUTHORITY 5 59.3(e) and 61.1(b), first sentence
			strative Instructions, Section 601(a))
		Date of mailing (<i>day/month/year</i>)	
Applicant's or agent's file reference		IMP	ORTANT NOTIFICATION
International application No.	International filing date	(day/month/year)	Priority date (<i>day/month/year</i>)
Applicant			
1. The applicant is hereby notified that of receipt of the demand for internati			nority considers the following date as the date onal application:
the actual date of receip the date on which this	ot of the demand by this ot of the demand on beha s Authority has, in resp red the required correction	alf of this Authority (F	
of some Offices, the demand d the priority date (or later in so performed within 20 months fu the time limit of 30 months (or	loes not have the effect of ome Offices) (Article 39) rom the priority date (or later) may nevertheless a	of postponing the entry (1)) and the acts for er later in some Offices) apply. See the Annex	m the priority date. Consequently, in respect v into the national phase until 30 months from ntry into the national phase must therefore be . However , in respect of some other Offices, to Form PCT/IB/301 and, for details about the /olume II, National Chapters and the WIPO
(If applicable) This noti	ification confirms the info	ormation given by tele	phone, facsimile transmission or in person on:
4. Only where paragraph 3 applies, a co	opy of this notification h	as been sent to the Int	ernational Bureau.
Name and mailing address of the IPEA/		Authorized officer	
Facsimile No. Telephone		Telephone No.	

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

То:	PCT
	NOTIFICATION CONCERNING PAYMENT OF THE PRELIMINARY EXAMINATION AND HANDLING FEES
	(PCT Rules 57 and 58 and Administrative Instructions, Section 615)
	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	
 The applicant is hereby notified that this International Prel the payment of all the prescribed fees, and no or insufficient payment of the prescribed fees summarized under item 2, within the time limit indices. Fees and payment calculation: Preliminary examination fee Handling fee* +H 	an overpayment , which will be refunded in due course. and the applicant is hereby invited to pay the balance due , as
Total fees payable =	Amount paid Balance
	of 90% of the handling fee. Where the applicant is (or all applicants f the handling fee. See Notes to the Fee Calculation Sheet annexed
 Time limit for payment and amount payable (Rules 57. within ONE MONTH from the date on which the derexpires later; the amount payable is the amount app 	mand was submitted or 22 months from the priority date, whichever
	demand by this Authority (where the demand was transmitted to this brity date, whichever expires later; the amount payable is the amount
Name and mailing address of the IPEA/	Authorized officer
Facsimile No.	Telephone No.

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:	РСТ	
	INVITATION TO CORRECT DEFECTS IN THE DEMAND	
	(PCT Rule 60.1)	
	Date of mailing (<i>day/month/year</i>)	
Applicant's or agent's file reference	REPLY DUE within ONE MONTH from the above date of mailing. See also below.	
International application No.	International filing date (<i>day/month/year</i>)	
Applicant	<u>.</u>	
The applicant is hereby invited within the time limit indicated Preliminary Examining Authority has found in the demand for	above to correct the following defects which this International international preliminary examination:	
1. It does not permit identification of the international ap	pplication to which it relates (Rule 60.1(b)).	
2. It does not contain the required petition (Rules 53.2(a		
	g the agent as specified in the Annex (Rules 53.2(a)(ii) and 53.5).	
(Rules 53.2(a)(iii) and 53.6).	rning the international application as specified in the Annex	
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- <i>bis</i>)).		
9. It does not contain the required signature as specified in the Annex (Rules 53.2(b), 53.8, 60.1(a- <i>ter</i>) and 90.4).		
10. Other observations (<i>if necessary</i>):		
1		
Effect of the date of receipt of the corrections on the date of	-	
-	t indicated above, the demand will be considered to have been received	
(i) If the defect noted under item 1 is corrected within the time limit 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 p NOT be postponed until the expiration of 30 months from the p of other designated Offices , the time limit of 30 months (or I of 19 months. See the Annex to Form PCT/IB/301 and, for d <i>Applicant's Guide</i> , Volume II, National Chapters and the WI	t indicated above, the demand will be considered to have been received riority date, entry into the national phase in those elected Offices will riority date, but only in respect of some designated Offices . In respect later) may apply even if that date of receipt is later than the expiration etails about the applicable time limits, Office by Office, see the <i>PCT</i>	
(i) If the defect noted under item 1 is corrected within the time limit 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 p NOT be postponed until the expiration of 30 months from the p of other designated Offices , the time limit of 30 months (or 1 of 19 months. See the Annex to Form PCT/IB/301 and, for d <i>Applicant's Guide</i> , Volume II, National Chapters and the WI If that date is later than the expiration of the time limit referred been submitted and this Authority shall so declare.	t indicated above, the demand will be considered to have been received riority date, entry into the national phase in those elected Offices will priority date, but only in respect of some designated Offices . In respect later) may apply even if that date of receipt is later than the expiration etails about the applicable time limits, Office by Office, see the <i>PCT</i> IPO Internet site. d to in Rule 54 <i>bis</i> .1(a), the demand shall be considered as if it had not n the time limit indicated above, the demand shall be considered	
 (i) If the defect noted under item 1 is corrected within the time limit 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 p NOT be postponed until the expiration of 30 months from the p of other designated Offices, the time limit of 30 months (or 1 of 19 months. See the Annex to Form PCT/IB/301 and, for d <i>Applicant's Guide</i>, Volume II, National Chapters and the WI If that date is later than the expiration of the time limit referred been submitted and this Authority shall so declare. (ii) If the defects noted under items 2 to 9 are corrected within the submitted and this authority shall so declare. 	t indicated above, the demand will be considered to have been received riority date, entry into the national phase in those elected Offices will priority date, but only in respect of some designated Offices . In respect later) may apply even if that date of receipt is later than the expiration etails about the applicable time limits, Office by Office, see the <i>PCT</i> IPO Internet site. d to in Rule 54 <i>bis</i> .1(a), the demand shall be considered as if it had not n the time limit indicated above, the demand shall be considered 0.1(b)).	
 (i) If the defect noted under item 1 is corrected within the time limit 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 p NOT be postponed until the expiration of 30 months from the p of other designated Offices, the time limit of 30 months (or 1 of 19 months. See the Annex to Form PCT/IB/301 and, for d <i>Applicant's Guide</i>, Volume II, National Chapters and the WI If that date is later than the expiration of the time limit referred been submitted and this Authority shall so declare. (ii) If the defects noted under items 2 to 9 are corrected within as if it had been received on the actual filing date (Rule 6) 	t indicated above, the demand will be considered to have been received riority date, entry into the national phase in those elected Offices will priority date, but only in respect of some designated Offices . In respect later) may apply even if that date of receipt is later than the expiration etails about the applicable time limits, Office by Office, see the <i>PCT</i> IPO Internet site. d to in Rule 54 <i>bis</i> .1(a), the demand shall be considered as if it had not n the time limit indicated above, the demand shall be considered 0.1(b)).	
 (i) If the defect noted under item 1 is corrected within the time limit 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 p NOT be postponed until the expiration of 30 months from the p of other designated Offices, the time limit of 30 months (or 1 of 19 months. See the Annex to Form PCT/IB/301 and, for d <i>Applicant's Guide</i>, Volume II, National Chapters and the WI If that date is later than the expiration of the time limit referred been submitted and this Authority shall so declare. (ii) If the defects noted under items 2 to 9 are corrected within as if it had been received on the actual filing date (Rule 6 Effect of failure to correct the defects within the time limit is In the case of defects noted under items 1 to 9, this Authority 	t indicated above, the demand will be considered to have been received riority date, entry into the national phase in those elected Offices will priority date, but only in respect of some designated Offices . In respect later) may apply even if that date of receipt is later than the expiration etails about the applicable time limits, Office by Office, see the <i>PCT</i> IPO Internet site. d to in Rule 54 <i>bis</i> .1(a), the demand shall be considered as if it had not n the time limit indicated above, the demand shall be considered 0.1(b)). indicated above: will declare that the demand is considered as if it had not been	
 (i) If the defect noted under item 1 is corrected within the time limit 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 p NOT be postponed until the expiration of 30 months from the p of other designated Offices, the time limit of 30 months (or 1 of 19 months. See the Annex to Form PCT/IB/301 and, for d <i>Applicant's Guide</i>, Volume II, National Chapters and the WI If that date is later than the expiration of the time limit referred been submitted and this Authority shall so declare. (ii) If the defects noted under items 2 to 9 are corrected within as if it had been received on the actual filing date (Rule 6 Effect of failure to correct the defects within the time limit is In the case of defects noted under items 1 to 9, this Authority submitted. 	t indicated above, the demand will be considered to have been received riority date, entry into the national phase in those elected Offices will priority date, but only in respect of some designated Offices . In respect later) may apply even if that date of receipt is later than the expiration etails about the applicable time limits, Office by Office, see the <i>PCT</i> IPO Internet site. d to in Rule 54 <i>bis</i> .1(a), the demand shall be considered as if it had not n the time limit indicated above, the demand shall be considered 0.1(b)). indicated above: will declare that the demand is considered as if it had not been	

Telephone No.

Facsimile No.

ANNEX TO FORM PCT/IPEA/404	International application No.
Continuation of item 3: As to indications concerning the agent (Rules 53.2(a)(ii) and 5	53.5), the demand:
a. does not properly indicate the agent's name (<i>specify</i>):	
 b. does not indicate the agent's address. c. does not properly indicate the agent's address (<i>specify</i>): 	
Continuation of item 4: As to indications concerning the international application, the a. a.	e demand does not indicate:
b. the international application number.	
c. the name of the receiving Office, where the international application number the demand was filed.	per was not known to the applicant at the time
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- <i>bis</i>)), the demand:
a. does not indicate all the applicants.	
b. does not properly indicate the applicant's name (<i>specify</i>):	
c. does not indicate the applicant's address.	
d. does not properly indicate the applicant's address (<i>specify</i>):	
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 purposes of Rule 53.4, if there is more than one applicant, it shall be sufficient that the of one of them who has the right according to Rule 54.2 to make a demand (Rule 60.1	e required indications be provided in respect
Continuation of item 9 : As to requirements concerning signature (Rules 53.2(b), 53.8,	60.1(a- <i>ter</i>) 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 appoint	-
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 in United States of America), for the purposes of Rule 53.8, if there is more than one appli signed by one of them (Rule 60.1(a- <i>ter</i>)).	

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From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

		РСТ	
To:		PUI	
		INVITATION TO RESTRICT	
		OR PAY ADDITIONAL FEES, AND,	
		WHERE APPLICABLE, PROTEST FEE	
		(PCT Article 34(3)(a) and Rules 68.2 and 68.3(e))	
		Date of mailing (day/month/year)	
Appl	icant's or agent's file reference	REPLY OR within ONE MONTH from the above date of mailing	
Inter	national application No.	International filing date (<i>day/month/year</i>)	
Appl	icant		
1.	This International Preliminary Examining Authority		
	(i) considers that there are (<i>number of</i>) inventions claimed in the international application as indicated in the Annex.		
	(ii) therefore considers that the international applicatio (Rules 13.1, 13.2 and 13.3) for the reasons indicated	on does not comply with the requirement of unity of invention in the Annex.	
	(iii) recalls that claims relating to inventions in respect of be the subject of international preliminary examination	which no international search report has been established need not on (Rule 66.1(e)).	
2.	Consequently the applicant is hereby invited , within the tir item 4, below, or to pay the amount indicated below:	ne limit indicated above, to restrict the claims as suggested under	
	x number of addition	nal inventions = total amount of additional fees/currency	
3.	The applicant is informed that, according to Rule 68.3(c), t that is, a reasoned statement to the effect that the internation	he payment of any additional fees may be made under protest , nal application complies with the requirement of unity of invention ve, where applicable, subject to the payment of a protest fee.	
		applicant is hereby invited, within the time limit indicated above, to (<i>amount/currency</i>).	
	Where the applicant has not, within the time limit indicated not to have been made and the International Preliminary Ex	above, paid the required protest fee, the protest will be considered xamining Authority will so declare.	
4.	If the applicant opts to restrict the claims, this Authority in its opinion would be in compliance with the requirement	suggests the restriction possibilities indicated in the Annex, which t of unity of invention.	
5.		nority will establish the international preliminary examination report the Annex which, in the opinion of this Authority, appear to relate to	
Nam	e and mailing address of the IPEA/	Authorized officer	

Telephone No.

Facsimile No.

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:	PCT		
	NOTIFICATION THAT DEMAND CONSIDERED NOT TO HAVE BEEN SUBMITTED		
	(PCT Rules 54.4, 54 <i>bis</i> .1, 55.2(d) and 61.1(b), second sentence)		
	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 the demand is declared have been submitted for the following reason: 	l by this International Preliminary Examining Authority not to		
a. the applicant does not have the right to make a dema national of a Contracting State bound by Chapter I	a. 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		
b. the demand was made after the expiration of the time limit applicable under Rule 54 <i>bis</i> .1(a).			
c. the required amount of the following fee(s) has not PCT/IPEA/440):	t been paid within the time limit referred to in the invitation (Form		
the preliminary examining fee	the handling fee the late payment fee		
d. the defect(s) in the demand has (have) not been of PCT/IPEA/404).	corrected within the time limit referred to in the invitation (Form		
e. the translation of the international application has n PCT/IPEA/443).	ot been furnished within the time limit fixed in the invitation (Form		
2. Consequently, this Authority will refund to the applicant and 58 <i>bis</i> .1(b)):	any amount paid in respect of the demand (Rules 57.6(ii), 58.3		
in full	partially, in the amount of		
 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 <i>PCT Applicant's Guide</i>, Volume II, National Chapters and the WIPO Internet site. A copy of this notification has been sent to the International Bureau. 			
Name and mailing address of the IPEA/	Authorized officer		
Facsimile No.	Telephone No.		

From the

RNATIONAL PRELIMINARY EXAMINING AUTHORITY	r

РСТ To: WRITTEN OPINION OF THE INTERNATIONAL PRELIMINARY **EXAMINING AUTHORITY** (PCT Rule 66) Date of mailing (day/month/year) **REPLY DUE** Applicant's or agent's file reference within months/days from the above date of mailing International filing date (day/month/year) Priority date (day/month/year) International application No. International Patent Classification (IPC) or both national classification and IPC Applicant 1. The written opinion established by the International Searching Authority: is is not considered to be a written opinion of the International Preliminary Examining Authority. 2. This _ (first, etc.) opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Box No. V Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application 3. The applicant is hereby **invited to reply** to this opinion. See the time limit indicated above. The applicant may, before the expiration of that time limit, request this Authority to When? grant an extension, see Rule 66.2(e). How? By submitting a written reply, accompanied, where appropriate, by amendments, according to Rule 66.3. For the form and the language of the amendments, see Rules 66.8 and 66.9. Also For the examiner's obligation to consider amendments and/or arguments, see Rule 66.4bis. For an informal communication with the examiner, see Rule 66.6. For an additional opportunity to submit amendments, see Rule 66.4. If no reply is filed, the international preliminary examination report will be established on the basis of this opinion. 4. The final date by which the international preliminary report on patentability (Chapter II of the PCT) must be established according to Rule 69.2 is: Name and mailing address of the IPEA/ Authorized officer Telephone No. Facsimile No.

Box No. I	Basis of the opinion	
1. With	regard to the language, this opinion has been established on th	e basis of:
	the international application in the language in which it was f	iled.
	a translation of the international application into	which is the language of a
	international search (Rules 12.3(a) and 23.1(b)).	
	publication of the international application (Rule 12.4)	a)).
	international preliminary examination (Rules 55.2(a) a	
sheet	regard to the elements of the international application, this of <i>s which have been furnished to the receiving Office in respons</i> <i>on as "originally filed.")</i> : 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	
	pages received	by this Authority on
	pages received	by this Authority on
	the drawings:	
	pages received	
	pages received	
	L	-,
	a sequence listing - see Supplemental Box Relating to Sequer	ce Listing.
3.	The amendments have resulted in the cancellation of:	
	the description, pages	
	the claims, Nos.	
	the drawings, sheets/figs	
	the sequence listing (specify):	
4.	This opinion has been established as if (some of) the amendme go beyond the disclosure as filed, as indicated in the Supplem	
	the description, pages	
	the claims, Nos	
	the drawings, sheets/figs	
	the sequence listing (specify):	
5.	This opinion has been established taking into account the rect to this Authority under Rule 91 (Rule 66.1(d- <i>bis</i>))	ification of an obvious mistake authorized by or notified
6.	Supplementary international search report(s) from Authority(ie	
	have been received and taken into account in drawing up this of	pinion (Rule 45 <i>bis</i> .8(b) and (c)).

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:

Box No.	III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
	stions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially le have not been examined in respect of:
	the entire international application.
	claims Nos.
becau	
	the said international application, or the said claims Nos
	the description, claims or drawings (<i>indicate particular elements below</i>) or said claims Nosare so unclear that no meaningful opinion could be formed (<i>specify</i>):
	the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed (<i>specify</i>):
	no international search report has been established for said claims Nos
	 furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it. pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rules 13ter.1(a) or (b) and 13ter.2.
	See Supplemental Box for further details.

Box No. IV Lack of unity of invention
1. In response to the invitation (Form PCT/IPEA/405) to restrict or pay additional fees the applicant has, within the applicable time limit:
restricted the claims.
paid additional fees.
paid additional fees under protest and, where applicable, the protest fee.
paid additional fees under protest but the applicable protest fee was not paid.
neither restricted the claims nor paid additional fees.
2. This Authority found that the requirement of unity of invention is not complied with for the following reasons and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees:
3. Consequently, this opinion has been established in respect of the following parts of the international application:
all parts.
the parts relating to claims Nos.

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

Box	x No. V	Reasoned statement ur citations and explanati		(a)(ii) with regard to novelty, inventive step and industrial applica g such statement	bility;
1.	Statemer	nt			
	Nove	lty (N)	Claims		YES
			Claims		NO
	Inver	tive step (IS)	Claims		YES
			Claims		NO
	Indus	trial applicability (IA)	Claims		YES
			Claims		NO
2.	Citation	s and explanations:			

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

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 (day/month/year)	Priority date (valid claim) (<i>day/month/year</i>)		
2. Non-wi	ritten disclosures (Rule 70.9) Kind of non-written disclosu		written disclosure re onth/year)	Date of written disclosure eferring to non-written disclosure (day/month/year)		

WRITTEN OPINION OF THE
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

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 AUTHORIT	Y

Box No. VIII Certain observations on the international application

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

International 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 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 and/or examination to this Authority as an amendment on 						
2. In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.						
3. Additional comments:						

l

Supplemental Box

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

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					
*** <u>-</u>	FOR FURTHER ACT	FION	See Form PCT/IPEA/416		
International application No.	International filing date	(day/month/year)	Priority date (day/month/year)		
International Patent Classification (IPC)	or national classification a	and IPC			
Applicant					
1. This report is the international p Authority under Article 35 and tr			y this International Preliminary Examining 36.		
2. This REPORT consists of a total	of sheets, i	ncluding this cover s	heet.		
3. This report is also accompanied b					
		,	sheets, as follows:		
	ontaining rectifications au		been amended and are the basis of this report abority (see Rule 70.16 and Section 607 of the		
sheets which su	upersede earlier sheets, bu		y considers contain an amendment that goes		
beyond the dise Supplemental I		l application as filed.	, as indicated in item 4 of Box No. I and the		
	<i>ional Bureau only)</i> a t		pe and number of electronic carrier(s))		
Supplemental Box Rela			n electronic form only, as indicated in the Annex C of the Administrative Instructions).		
4. This report contains indications r	relating to the following ite	ems:			
Box No. I Basis of the	e report				
Box No. II Priority					
Box No. III Non-establ	ishment of opinion with re	egard to novelty, inve	entive step and industrial applicability		
Box No. IV Lack of unit	ity of invention				
	tatement under Article 35(2 nd explanations supporting		lty, inventive step and industrial applicability;		
Box No. VI Certain doo	cuments cited				
Box No. VII Certain def	fects in the international ap	pplication			
Box No. VIII Certain observations on the international application					
Date of submission of the demand Date of completion of this report					
		Lane Gran F.			
Name and mailing address of the IPEA/		Authorized officer			
		Autorized officer			
Facsimile No.		Telephone No.			

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

ox No. I					
. With	regard to the language , this report is be the international application in the lar				
H	* *	ication into which	h is the language of a		
	translation furnished for the purposes		in is the language of a		
	international search (Rules 12.	.3(a) and 23.1(b)).			
	publication of the international	l application (Rule 12.4(a)).			
	international preliminary exam	nination (Rules 55.2(a) and/or 55.3(a)).			
furnis		tional application, this report is based on (replacement s to an invitation under Article 14 are referred to in this repo			
	the international application as origin	ally filed/furnished.			
	the description:				
		as or			
		received by this Authority on			
	pages*	received by this Authority on			
	the claims:				
	pages	as or	riginally filed/furnished		
	pages*	as amended (together with any stat	ement) under Article 19		
	pages*	received by this Authority on			
	pages*	received by this Authority on			
	the drawings:				
	-	as or	riginally filed/furnished		
		received by this Authority on			
	pages*	received by this Authority on			
	a sequence listing - see Supplemental				
3.	The amendments have resulted in the				
):			
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	<i>)</i> :			
5.	This report has been established taking this Authority under Rule 91 (Rule 70	g into account the rectification of an obvious mistake aut 0.2(e)).	horized by or notified to		
6.		port(s) from Authority(ies)			
* If iten	have been received and taken into acc a 4 applies, some or all of those sheets				

INTERNATIONAL PRELIMINARY REPORT ON PATENTABI	LITY

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

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International	appl	lication	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 (<i>specify</i>):
the description, claims or drawings (<i>indicate particular elements below</i>) or said claims Nos
are so uncrear that no meaningrui opinion could be formed (<i>specify</i>).
the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed (<i>specify</i>):
no international search report has been established for said claims Nos.
a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:
furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and
manner acceptable to it. furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative
Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it.
pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rules 13 <i>ter</i> .1(a) or (b) and 13 <i>ter</i> .2.
See Supplemental Box for further details.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Box No. IV Lack of unity of invention
1. In response to the invitation to restrict or pay additional fees the applicant has, within the applicable time limit: 1. In response to the invitation to restrict or pay additional fees the applicant has, within the applicable time limit: In response to the claims. In paid additional fees.
 paid additional fees under protest and, where applicable, the protest fee. paid additional fees under protest but the applicable protest fee was not paid.
neither restricted the claims nor paid additional fees.
2. This Authority found that the requirement of unity of invention is not complied with and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.
 3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is: complied with. not complied with for the following reasons:
4. Consequently, this report has been established in respect of the following parts of the international application:
all parts.
the parts relating to claims Nos.

INTERNATIONAL	PRELIMINARY REPORT	ON PATENTABILITY

Claims NO Inventive step (IS) Claims YE Claims NO Industrial applicability (IA) Claims YE	Statement		
Claims NC Inventive step (IS) Claims YH Claims NC Industrial applicability (IA) Claims YH Claims Claims NC	Novelty (N)	Claims	YES
Claims NO Industrial applicability (IA) Claims YH Claims NO			
Claims NO Industrial applicability (IA) Claims YH Claims NO	Lauration stars (10)	Claima	VE
Industrial applicability (IA) Claims YE Claims NO	Inventive step (IS)		
Claims NO			
	Industrial applicability (IA)		
Citations and explanations (Rule 70.7)		Claims	NO
Citations and explanations (Rule 70.7)			
	Citations and explanations (Rule 7	.7)	
	1 ×	,	

INTERNATIONAL	PRELIMINARY	REPORT	ON PATENTABILITY

ox No. VI	Certain documents cite	d		
. Certain	published documents (Rul	e 70.10)		
	Application No. Patent No.	Publication date (<i>day/month/year</i>)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
Non-wi	ritten disclosures (Rule 70			Date of written disclosure
	Kind of non-written disc		written disclosure re nonth/year)	eferring to non-written disclosur (day/month/year)

Box No. VII Certain defects in the international application

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

Box No. VIII Certain observations on the international application

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

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

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 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 and/or examination
to this Authority as an amendment* on
2. In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:
* If item 4 in Box No. I applies, the sequence listing, which forms part of the basis of the report, may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Supplemental Box

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

From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:	PCT
	REQUEST FOR INFORMATION AS TO RIGHT TO PRACTICE
	(PCT Article 49 and Rule 83.2)
	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	

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/

Authorized officer

Telephone No.

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:	РСТ
	INVITATION TO REQUEST RECTIFICATION
	(PCT Rules 91.1(h) and 91.2)
	Date of mailing (<i>day/month/year</i>)
Applicant's or agent's file reference	REPLY DUE see item 2 and the last paragraph below
Internataional application No.	International filing date (<i>day/month/year</i>)
Applicant	
as shown on the attached copy.as specified hereafter:	
2. The applicant is hereby invited to submit a request for the receiving Office this Internationa Examining Auth	al Preliminary the International Bureau of WIPO
accompanied by a letter drawing attention to the difference	on must be submitted in the form of a replacement sheet or sheets, ces between the replaced sheet and the replacement sheet. For a ly be stated in a letter if it is of a nature where the change can be 4).
ATTENTION No rectification will be made without the express authoriz for rectification must be submitted to that authority within	zation of the competent authority indicated above and the request a 26 months from the priority date (Rule 91.2).
Name and mailing address of the IPEA/	Authorized officer
Facsimile No.	Telephone No.

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:	РСТ
	NOTIFICATION OF DECISION CONCERNING REQUEST FOR RECTIFICATION
	(PCT Rule 91.3(a) and (d))
	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 mistakes in the international application/in other documents submitted by the applicant to this Authority, and has decided 1. a. as requested by the applicant. b to the extent set forth below*: b. The rectification will be or has been taken into account for the purposes of the international preliminary examination (Rule 70.2(e)). 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 preliminary examination report (Rule 70.2(e)). 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, 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 <i>PCT Applicant's Guide</i>, Volume I, Annex B2(IB). 	
Name and mailing address of the IPEA/	Authorized officer

Telephone No.

Facsimile No.

From the

To:	PCT
	NOTIFICATION OF TRANSMITTAL OF REQUESTED COPIES OF DOCUMENTS IN FILE
	(PCT Rule 94.1)
	Date of mailing (<i>day/month/year</i>)
Applicant's or agent's file reference	INFORMATION ONLY
International application No.	International filing date (day/month/year)
Applicant	
	Authority, in response to the request received, transmits herewith owing documents contained in the file of the international application.
(<i>number of</i>) copies of the follo	
(<i>number of</i>) copies of the follo	
(<i>number of</i>) copies of the follo	
(<i>number of</i>) copies of the follo	Authority, in response to the request received, transmits herewith owing documents contained in the file of the international application.
(<i>number of</i>) copies of the follo	
(number of) copies of the follo	

Name and mailing address of the IPEA/

Authorized officer

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

INTERNATIONAL PRELIMINART EXAMINING AUTHORIT	рот
To:	PCT
	INVITATION TO FURNISH TRANSLATION OF PRIORITY DOCUMENT
	(PCT Rule 66.7(b))
	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 in above, a translation into the following language:	vites the applicant to furnish to it, within the time limit indicated
of the following earlier application(s) whose priority is claime	ed in the international application.
Failure to furnish the requested translation within that time lin being established as if the priority(ies) had not been claimed.	nit may result in the international preliminary examination report
<u>Country</u> <u>Prior</u>	ity date Priority number
Name and mailing address of the IPEA/	Authorized officer

Telephone No.

Facsimile No.

From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

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

PCT

NOTIFICATION CONCERNING DOCUMENTS TRANSMITTED

Date of mailing (*day/month/year*)

This International Preliminary Examining Authority transmi	ts 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 (<i>specify</i>):		
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 IDEA /	Authorized officer	
Name and mailing address of the IPEA/	Autionzed officer	
Facsimile No.	Telephone No.	

ANNEX TO FORM PCT/IPEA/415

Type of document	International application No.	Other information
	Penrint January 2004)	

From the

To:

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)

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

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:	PCT
	NOTIFICATION OF TRANSMITTAL OF REQUESTED COPIES OF CITED DOCUMENTS
	(PCT Article 36(4))
	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	

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/

Authorized officer

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:	PCT	
	NOTIFICATION OF DECISION ON PROTEST OR DECLARATION THAT PROTEST CONSIDERED NOT TO HAVE BEEN MADE	
	(PCT Rule 68.3(c) and (e) and Administrative Instructions, Section 603)	
	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 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, where applicable, any 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 fees and, where applicable, any protest fee paid will not be refunded for the following reason(s):		
3. The International Preliminary Examining 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/IPEA/405) 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 elected Offices. A copy of this notification has been sent to the Interntional Bureau 		
Name and mailing address of the IPEA/	Authorized officer	
Facsimile No.	Telephone No.	

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

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

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT To: 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)) 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 An invitation (Form PCT/IPEA/423) to correct defects in correspondence submitted by the applicant was mailed by this 1. 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. An invitation (Form PCT/IPEA/434) to furnish the original of a document transmitted by telegraph, teleprinter, 2. 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/ Authorized officer

Telephone No.

Facsimile No.

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:	PCT	
	INVITATION TO PAY PRESCRIBED FEES TOGETHER WITH LATE PAYMENT FEE (PCT Rule 58 <i>bis</i>)	
	(rC1 Kule 380is)	
	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		
handling fees) have not been paid (in full), within the time calculation).	ound that the prescribed fees (that is, preliminary examination and limit prescribed under Rules 57 and 58 (see below for details of the cated above, to pay the total amount due indicated below :	
Total unpaid fees = +	Late payment fee Total amount due	
* Applicants from certain States are entitled to a reduction of 90% of the handling fee. Where the applicant is (or all applicants are) so entitled, the amount to be entered at H is 10% of the handling fee. 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 58 <i>bis</i> .1(b)).		
4. Additional observations (<i>if any</i>):		
A copy of this Invitation has been sent to the International Bureau.		
Name and mailing address of the receiving Office	Authorized officer	

Telephone No.

Facsimile No.

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:	РСТ	
	INVITATION TO FURNISH NUCLEOTIDE AND/OR AMINO ACID SEQUENCE LISTING AND TO PAY, WHERE APPLICABLE, LATE FURNISHING FEE	
	(PCT Rule 13 <i>ter</i> .2 and Administrative Instructions, Section 208 and Annex C)	
	Date of mailing (<i>day/month/year</i>)	
Applicant's or agent's file reference	REPLY DUE within months/days from the above date of mailing	
International application No.	International filing date (<i>day/month/year</i>)	
Applicant		
 1. The applicant is hereby invited, within the time limit indicated above, to furnish to this Authority: a nucleotide and/or amino acid sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a statement to the effect that the sequence listing does not go beyond the disclosure in the international application as filed. a statement to the effect that the sequence listing on paper 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. a nucleotide and/or amino acid sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, accompanied by a statement that the information recorded in electronic form is identical to the sequence listing as contained in the international application. a statement confirming that the information recorded in electronic form submitted under Rule 13<i>ter</i> is identical to the sequence listing as contained application. 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 as contained in the international application. 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. 2. The applicant is hereby invited, within the time limit indicated above, to pay to this Authority: a late furnishing fee in the amount of		
3. Failure to comply with this invitation may result in this Authority only carrying out the international preliminary examination to the extent that a meaningful examination can be carried out without the sequence listing.		
4. Further observations (<i>if necessary</i>):		
Name and mailing address of the IPEA/	Authorized officer	

Telephone No.

Facsimile No.

Form PCT/IPEA/441 (July 2009)

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT To: INVITATION TO INDICATE COMPETENT INTERNATIONAL PRELIMINARY **EXAMINING AUTHORITY** (PCT Rule 59.3(f) and Administrative Instructions, Section 601) Date of mailing (day/month/year) 15 days from the above date of mailing or **REPLY DUE** Applicant's or agent's file reference within the time limit applicable under Rule 54bis.1(a), whichever expires later Priority date (*day/month/year*) International filing date (*day/month/year*) International application No. 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

Telephone No.

Facsimile No.

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:			PCT
]	ON TO FURNISH TRANSLATION FOR THE PURPOSES OF NAL PRELIMINARY EXAMINATION
		(PC	CT Rules 55.2, 55.3 and 66.9)
		Date of mailing (<i>day/month/year</i>)	
Applicant's or agent's file reference		REPLY DUE	within ONE MONTH from the above date of mailing
International application No.	International filing date	(day/month/year)	Priority date (day/month/year)
Applicant			
1. The applicant is hereby invited indicated above, a translation o			Examining Authority, within the time limit the) following language(s):
Failure to furnish the required translation within that time limit will result in the demand being considered not to have been submitted.			
2. The applicant is hereby invited t above, in the following languag		onal Preliminary Exar	nining Authority, within the time limit indicated
the following element(s) referre		st) of the demand:	
translation of the internat amendments under Artic			
amendments under Artic	le 19		
statement under Article 19 letter			
Failure to furnish the required element(s) in the required language within the time limit indicated above, will result in the amendment not being taken into account for the purposes of international preliminary examination.			
Name and mailing address of the IPEA/		Authorized officer	
Facsimile No.		Telephone No.	

From the

INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

То:	PCT
	NOTIFICATION BY NON-COMPETENT INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY THAT DEMAND CONSIDERED NOT TO HAVE BEEN SUBMITTED (PCT Rule 59.3(d) and (f))
	Date of mailing (<i>day/month/year</i>)
Applicant's or agent's file reference	IMPORTANT NOTIFICATION
International application No.	International filing date (<i>day/month/year</i>)
Applicant	

- 1. The applicant is hereby notified that **this 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/	Authorized officer
Facsimile No.	Telephone No.