For receiving Office use only International Application No. **REQUEST** International Filing Date The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Name of receiving Office and "PCT International Application" Applicant's or agent's file reference (if desired) (12 characters maximum) Box No. I TITLE OF INVENTION Box No. II APPLICANT This person is also inventor Telephone No. Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) Facsimile No. Applicant's registration No. with the Office E-mail authorization: Marking one of the check-boxes below authorizes the receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send, notifications issued in respect of this international application to that e-mail address if those offices are willing to do so. as advance copies followed by paper notifications; or exclusively in electronic form (no paper notifications will be sent). E-mail address: State (that is, country) of nationality: State (that is, country) of residence: This person is applicant all designated States the States indicated in the Supplemental Box for the purposes of: Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf common agent of the applicant(s) before the competent International Authorities as: representative Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) Telephone No. Facsimile No. Agent's registration No. with the Office

E-mail authorization: Marking one of the check-boxes below authorizes the receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send, notifications issued in respect of this international application to that e-mail address if those offices are willing to do so.

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the

space above is used instead to indicate a special address to which correspondence should be sent.

E-mail address:

as advance copies followed by paper notifications; or

exclusively in electronic form (no paper notifications will be sent).

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)					
If none of the following sub-boxes is used, this sheet should no	t be included in the red	quest.			
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)		This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			
State (that is, country) of nationality: State (that) of residence:			
This person is applicant for the purposes of:	the States indicated	d in the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residen	e address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			
State (that is, country) of nationality:	State (that is, country)) of residence:			
This person is applicant for the purposes of:	the States indicate	d in the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residen	e address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			
State (that is, country) of nationality: State (that		rry) of residence:			
This person is applicant for the purposes of:	the States indicate	d in the Supplemental Box			
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residen	e address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office			
State (that is, country) of nationality:	State (that is, country)	of residence:			
This person is applicant for the purposes of:	the States indicated	d in the Supplemental Box			
Further applicants and/or (further) inventors are indicated or	n another continuation	sheet.			

Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

- If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No..." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:
- (i) if more than one person is to be indicated as applicant and/or inventor and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
- (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
- (iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States: in such case, write "Continuation of Box No. II" or "Continuation of Box No. II" or "Continuation of Box No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
- (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- (v) if, in Box No. VI, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.
- 2. If the applicant intends to make an indication of the wish that the international application be treated, in certain designated States, as an application for a patent of addition, certificate of addition, inventor's certificate of addition or utility certificate of addition: in such case, write the name or two-letter code of each designated State concerned and the indication "patent of addition," "certificate of addition," "inventor's certificate of addition," the number of the parent application or parent patent or other parent grant and the date of grant of the parent application (Rules 4.11(a)(i) and 49bis.1(a) or (b)).
- 3. If the applicant intends to make an indication of the wish that the international application be treated, in the United States of America, as a continuation or continuation-in-part of an earlier application: in such case, write "United States of America" or "US" and the indication "continuation" or "continuation-in-part" and the number and the filing date of the parent application (Rules 4.11(a)(ii) and 49bis.1(d)).

Sheet No.

Box No. V DESIGNATIONS						
The filing of this request constitutes under Rule 4.9(a) the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.						
However,						
DE Germany is not designated	for any kind of national pr	rotection				
JP Japan is not designated for a	any kind of national protec	ction				
KR Republic of Korea is not de	signated for any kind of r	national protection				
(The check-boxes above may only be use Rule 26bis.1, the international applican State concerned, in order to avoid the	tion contains in Box No. VI	a priority claim to an e	arlier national applicat	ion filed in the particular		
Box No. VI PRIORITY CLAIM	AND DOCUMENT					
The priority of the following earlier	application(s) is hereby (claimed:				
Filing date	Number	Where earlier application is:				
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application: regional Office	international application: receiving Office		
item (1)						
item (2)						
(=)						
item (3)						
Further priority claims are indicated	ted in the Supplemental Bo	OX.				
$Furnishing \ the \ priority \ document(s)$:					
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application(s) was filed with the receiving Office which, for the purposes of this international application, is the receiving Office) identified above as:						
all items item (1)	item (2)	item (3)	other, see Supplem	nental Box		
The International Bureau is requested to obtain from a digital library a certified copy of the earlier application(s) identified above, using, where applicable, the access code(s) indicated below (if the earlier application(s) is available to it from a digital library):						
item (1) access code	item (2)	item (3)	other, see		
access code	access code	access	code	_ Supplemental Box		
Restore the right of priority: the receiving Office is requested to restore the right of priority for the earlier application(s) identified above or in the Supplemental Box as item(s) (
Incorporation by reference: where the description, claims or drawings r completely contained in an earlier apparticle 11(1)(iii) were first received incorporated by reference in this inter-	referred to in Rule 20.5(a plication whose priority i by the receiving Office,	 is not otherwise conscious claimed on the date that element or part 	tained in this internation which one or more is, subject to confirm	ional application but is elements referred to in		
Box No. VII INTERNATIONAL S	SEARCHING AUTHOR	ITY				
Choice of International Searching Authority (ISA) (if more than one International Searching Authority is competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):						
ISA/						

Sheet No.

Continuation of Box No. VII	USE OF EARLIER SEARCH AND CLASSIFICATION RESULTS	
1. Request by the applicant	under Rule 4.12	
	n Box No. VII is requested to take into account the results of the earlier secontinuation of Box No. VII, item 1; use of results of more than one earlier Application Number Country	
	i)): this international application is the same, or substantially the same, as th was carried out except, where applicable, that it is filed in a different langu	
Availability of docume a form and a manner acc to the ISA.	ier search results, where necessary* ents (Rules 12bis.1(c) and (d) and 12bis.2(b)): the following documents are pertable to it, and therefore DO NOT need to be submitted by the applicant	
a copy of the result a copy of the earlie	ts of the earlier search,	
	e earlier application into a language which is accepted by the ISA,	
	e results of the earlier search into a language which is accepted by the ISA,	
<u>—</u>	ment cited in the earlier search results (if known, please indicate below the a	locuments available to the
(Rule 12bis.1(b) and (d) Office as that which is a Office): the applicant re	plicant to the receiving Office to transmit to the ISA a copy of the I): (where the earlier search was not carried out by the ISA indicated in Boacting as receiving Office; or where the earlier search results are otherwise equests the receiving Office to prepare and transmit to the ISA a copy of	ax No. VII but by the same available to the receiving the earlier search results.
mentioned under item 1 app	furnish a copy of the earlier search results to the receiving Office, or the ISA blies. (See item 10 in the check-list and also Notes to Continuation of Box N	A, if none of the scenarios <i>Io. VII</i> , <i>item 1</i>).
	are indicated on a continuation sheet.	o the count court DID NOT
make a request under Rul	er search and classification results to the ISA by the receiving Office wher le 4.12	e tne applicant DID NO 1
2.1 Where the international app	plication claims priority of an earlier application, subject to Article 30(2)(a) and	(3), the receiving Office:
where the earlier applica	f the earlier search and classification results to the ISA (unless such copy is alr ation was filed with the same Office as that which is acting as the receiving (search in respect of the earlier application (Rule 23bis.2(a));	
and classification are no	opy if the earlier application was filed with a different Office, but where the revertheless available to the receiving Office (Rule 23bis.2(c)).	
(see above item 1), in respect o	id not request the receiving Office to transmit to the ISA a copy of the earlier sea of an earlier search carried out on the following earlier application, the priority plication, the applicant may consider (see also Notes to Continuation of Box N	y of which is subsequently
Filing date (day/month/year)	Application Number Country	(or regional Office)
to request that the receiving be checked where the interest. 2.3 Authorization to transmit to authorize the receiving only be checked where the	the earlier search results by the receiving Office to the ISA (Rule 23bis.20 mg Office DOES NOT transmit the results of the earlier search to the ISA (I rnational application is filed with the following receiving Offices: DE, FI and the earlier search and classification results by the receiving Office to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to transmit the results of the earlier search and classification to the ISA (I office to	Rule 23bis.2(b)) (may only d SE) A (Rule 23bis.2(a) and (e)) SA (Rule 23bis.2(e)) (may
(Rule 23bis.2(a) and Arti	ng Office to transmit the results of the earlier international search and icle 30(2)(a) and (3)) (may only be checked where the earlier search coff which is subsequently claimed in this international application and where we a different ISA than the ISA chosen in Box No. VII)	oncerns an international
Further earlier searches a	are indicated on a continuation sheet.	
Box No. VIII DECLARAT	TIONS	
	e contained in Boxes Nos. VIII (i) to (v) (mark the applicable in the right column the number of each type of declaration):	Number of declarations
Box No. VIII (i)	Declaration as to the identity of the inventor	:
	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	:
Box No. VIII (iii)	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	:
Box No. VIII (iv)	Declaration of inventorship (only for the purposes of the designation of the United States of America)	:
	Declaration as to non-prejudicial disclosures or exceptions to lack of novel	ty :

Box No. IX CHECK LIST for PAPE	CR filings – t	his sheet	is only to be used when filing an international a	pplication on P .	APER
	Number of sheets	followi	ernational application is accompanied by the ng item(s) (mark the applicable check-boxes below icate in right column the number of each item):		lumber f items
(a) request form		1.	fee calculation sheet	:	
PCT/RO/101 (including any		2. 🗆	original separate power of attorney		
declarations and		2. 🗀			
supplemental		3.	original general power of attorney	:	
sheets):		4.	copy of general power of attorney; reference number:	:	
(b) description (excluding any					
sequence listing		5. 🗆	priority document(s) identified in Box No. VI as item(s)		
part of the		_			
description,		6.	* *		
see (f), below) :			(language):	:	
(c) claims :		7.	separate indications concerning deposited microorganism or other biological material	:	
(d) abstract :		8. 🗆	(only where item (f) is marked in the left column, copy in electronic form (Annex C/ST.25 text file		
(e) drawings (if any):			physical data carrier(s) of the sequence listing, n	ot forming	
(f) sequence listing			part of the international application, which is furnis for the purposes of international search under	Rule 13ter	
part of the description (if any) :			(type and number of physical data carriers)		
description (if any)					
		9.	()		
			are marked) a statement confirming that "the in recorded in electronic form submitted under Ru		
Total number of sheets :			identical to the sequence listing as contained in		
			international application" as filed on paper	:	
		10. 🗆	copy of results of earlier search(es) (Rule 12bis.	l(a)) :	
		11. 🔲	other (specify):	:	
Figure of the drawings which		Langu	age of filing of the		
should accompany the abstract:			tional application:		
			R COMMON REPRESENTATIVE	C 1: .1	
Next to each signature, indicate the name of the per	rson signing an	d the capa	city in which the person signs (if such capacity is not obviou	s from reading the	request).
	E	lam magair	ing Office use only		
Date of actual receipt of the purported		or receiv	ing Office use only		
international application:				2. Drawing	gs:
3. Corrected date of actual receipt due to	later but			receive	ed:
timely received papers or drawings con the purported international application	mpleting				
4. Date of timely receipt of the required corrections under PCT Article 11(2):				not rec	eived:
5. International Searching Authority (if two or more are competent): ISA			6. Transmittal of search copy delayed until search fee is paid		
	For	Internati	onal Bureau use only	1	
·					
Date of receipt of the record copy					
by the International Bureau:					