	For	receiving Office us	e only	
PCT			5	
	International Application	on No.		
REQUEST				
	International Filing Da	te		
The undersigned requests that the present				
international application be processed according to the Patent Cooperation Treaty.	Name of receiving Off	ce and "PCT Internation	ational Application"	
	Applicant's or agent's (<i>if desired</i>) (12 characted)			
Box No. I TITLE OF INVENTION	()	,		
	on is also inventor	T 1 1 N		
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 th		Telephone No.		
Box is the applicant's State (that is, country) of residence if no State of reside	ence is indicated below.)	Facsimile No.		
		Applicant's registr	ation No. with the Office	
E-mail authorization : Marking one of the check-boxes below au International Bureau and the International Preliminary Examini	ng Authority to use the	e-mail address indic	ated 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 for the purposes of:	the States indicate	d in the Supplement	al Box	
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	E; OR ADDRESS FOR	CORRESPONDE	NCE	
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authoritie	on behalf s as:	agent	common representative	
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of		Telephone No.		
		Facsimile No.		
		Agent's registration	n No. with the Office	
E mail anthonization. Marking and of the sheet have be	thorizon the manining Of	figs the Internetic	1 Soorahing Authenited 4	
E-mail authorization : Marking one of the check-boxes below au International Bureau and the International Preliminary Examini potifications issued in respect of this international application to the	ng Authority to use the	e-mail address indic	ated 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.				
E-mail address:				
Address for correspondence: Mark this check-box where space above is used instead to indicate a special address to	e no agent or common rep which correspondence s	resentative is/has be hould be sent.	en appointed and the	

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)				
If none of the following sub-boxes is used, this sheet should a	not be included in the rea	quest.		
Name and address: (Family name followed by given name; for a legal et The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residence	f the address indicated in this	This person is: applicant only applicant and inventor inventor only (<i>If this check-box</i> <i>is marked, do not fill in below.</i>) Applicant's registration No. with the Office		
State (<i>that is, country</i>) of nationality:	State (<i>that is, country</i>) of residence:		
This person is applicant all designated States	the States indicate	d in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residence if no State of residence if no State (that is, country) of residence if no State of residenc	f the address indicated in this	This person is: applicant only applicant and inventor inventor only (<i>If this check-box</i> <i>is marked, do not fill in below.</i>) Applicant's registration No. with the Office		
State (<i>that is, country</i>) of nationality:	State (that is, country)) of residence:		
This person is applicant all designated States	the States indicate	d in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal en The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of residence if no State of residence if no State (that is, country) of residence if no State of residenc	f the 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 (<i>that is, country</i>) of nationality:	State (<i>that is, country</i>)) of residence:		
This person is applicant all designated States	the States indicate	d in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal e The address must include postal code and name of country. The country of Box is the applicant's State (that is, country) of residence if no State of resid	f the address indicated in this	This person is: applicant only applicant and inventor inventor only (<i>If this check-box</i> <i>is marked, do not fill in below.</i>) Applicant's registration No. with the Office		
State (<i>that is, country</i>) of nationality:	State (that is, country)	of residence:		
This person is applicant all designated States	the States indicate	d in the Supplemental Box		
Further applicants and/or (further) inventors are indicated	d on 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. III" or "Continuation of Boxes 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)).

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 protection

JP Japan is not designated for any kind of national protection

KR Republic of Korea is not designated for any kind of national protection

(The check-boxes above may only be used to exclude (irrevocably) the designations concerned if, at the time of filing or subsequently under Rule 26bis.1, the international application contains in Box No. VI a priority claim to an earlier national application filed in the particular State concerned, in order to avoid the ceasing of the effect, under the national law, of this earlier national application.)

Box No. VI PRIORITY CLAIM AND DOCUMENT

The priority of the following earlier application(s) is hereby claimed:

Filing date	Number	Whe	ere earlier application i	s:
of earlier application (<i>day/month/year</i>)	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 indica	tted in the Supplemental E	Box.		
Furnishing the priority document(s)):			
The receiving Office is requester (only if the earlier application(s the receiving Office) identified a) was filed with the receiv			
all items item (1)) item (2)	item (3)	other, see Supple	mental Box
The International Bureau is requising, where applicable, the acce				
item (1) access code	item (2) access code	item (3 access	3) code	other, see Supplemental Box
Restore the right of priority: the real above or in the Supplemental Box as <i>information must be provided to supp</i>	item(s) (-		
Incorporation by reference: where	an element of the interna	tional application refer	red to in Article 11(1)	(iii)(d) or (e) or a part of
the description, claims or drawings completely contained in an earlier ap Article 11(1)(iii) were first received incorporated by reference in this inte	plication whose priority by the receiving Office	is claimed on the date , that element or part	on which one or more is, subject to confirm	elements referred to in
Box No. VII INTERNATIONAL	SEARCHING AUTHOR	RITY		
Choice of International Searching	Authority (ISA) (if more	than one International S	Searching Authority is c	ompetent to carry out the
international search, indicate the Auth				
ISA/				

	Sheet No			
Cont	inuation of Box No. VI	I USE OF EARLIER SEARCH AND CLASSIFICAT	TION RESULTS	
1. R	equest by the applican	it under Rule 4.12		
1.1		in Box No. VII is requested to take into account the rest Continuation of Box No. VII, item 1; use of results of mo		
Filin	g date (day/month/year)	Application Number	Country (or regional Office)	
	which the earlier searc	(ii)): this international application is the same, or substant h was carried out except, where applicable, that it is filed	ially the same, as the application in respect of in a different language.	
1.2		<pre>rlier search results, where necessary* nents (Rules 12bis.1(c) and (d) and 12bis.2(b)): the follow </pre>	owing documents are available to the ISA in	
	a form and a manner ac to the ISA.	cceptable to it, and therefore DO NOT need to be submitt	ed by the applicant to the receiving Office, or	
		ults of the earlier search,		
	a copy of the earl	her application, he earlier application into a language which is accepted by	y the ISA,	
	a translation of th	ne results of the earlier search into a language which is ac	cepted by the ISA,	
	a copy of any doc ISA):	cument cited in the earlier search results (if known, please	indicate below the documents available to the	
	D			
	(Rule 12bis.1(b) and Office as that which is	pplicant to the receiving Office to transmit to the (d)): (where the earlier search was not carried out by the acting as receiving Office; or where the earlier search re requests the receiving Office to prepare and transmit to	ISA indicated in Box No. VII but by the same esults are otherwise available to the receiving	
		o furnish a copy of the earlier search results to the receiving oplies. (See item 10 in the check-list and also Notes to Co		
		s are indicated on a continuation sheet.		
	ransmission of the earl ake a request under R	ier search and classification results to the ISA by the rec ule 4.12	eiving Office where the applicant DID NOT	
		pplication claims priority of an earlier application, subject to	Article 30(2)(a) and (3), the receiving Office:	
	where the earlier appli	of the earlier search and classification results to the ISA (un acation was filed with the same Office as that which is actin r search in respect of the earlier application (Rule 23 <i>bis</i> .2	ng as the receiving Office and that Office has	
 may transmit such a copy if the earlier application was filed with a different Office, but where the results of that earlier search and classification are nevertheless available to the receiving Office (Rule 23bis.2(c)). 				
However, where the applicant did not request the receiving Office to transmit to the ISA a copy of the earlier search results under Rule 4.12 (see above item 1), in respect of an earlier search carried out on the following earlier application, the priority of which is subsequently claimed in this international application, the applicant may consider (<i>see also Notes to Continuation of Box No. VII, item 2; use of more than one earlier search</i>):				
Filin	g date (<i>day/month/year</i>)	Application Number	Country (or regional Office)	
 2.2 Request not to transmit the earlier search results by the receiving Office to the ISA (Rule 23bis.2(b)) in to request that the receiving Office DOES NOT transmit the results of the earlier search to the ISA (Rule 23bis.2(b)) (may only be checked where the international application is filed with the following receiving Offices: DE, FI and SE) 				
		hit the earlier search and classification results by the receiv		
to authorize the receiving Office to transmit the results of the earlier search and classification to the ISA (Rule 23 <i>bis</i> .2(e)) (<i>may</i> only be checked where the international application is filed with the following receiving Offices: AU, CH, CZ, FI, HU, IL, JP, NO, SE, SG and US)				
to authorize the receiving Office to transmit the results of the earlier international search and classification to the ISA (Rule 23bis.2(a) and Article 30(2)(a) and (3)) (may only be checked where the earlier search concerns an international application, the priority of which is subsequently claimed in this international application and where the earlier international search was carried out by a different ISA than the ISA chosen in Box No. VII)				
	Further earlier searches	s are indicated on a continuation sheet.		
Box No. VIII DECLARATIONS				
		re contained in Boxes Nos. VIII (i) to (v) (mark the appli- te in the right column the number of each type of declaration		
	Box No. VIII (i)	Declaration as to the identity of the inventor	:	
	Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the in date, to apply for and be granted a patent	aternational filing :	
	Box No. VIII (iii)	Declaration as to the applicant's entitlement, as at the in date, to claim the priority of the earlier application	aternational filing :	
	Box No. VIII (iv)	Declaration of inventorship (only for the purposes of th United States of America)	e designation of the :	
	Box No. VIII (v)	Declaration as to non-prejudicial disclosures or excepti	ons to lack of novelty :	

Sheet No	•		•
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		Sheet No	
Box No. IX CHECK LIST for PAPE	R filings –	this sheet is only to be used when filing an international a	pplication on PAPER
	Number of sheets	This international application is accompanied by the following item(s) (<i>mark the applicable check-boxes below and indicate in right column the number of each item</i>):	<i>v</i> Number of items
(a) request form		1. ☐ fee calculation sheet	:
PCT/RO/101 (including any		2. original separate power of attorney	
declarations and			
supplemental		3. a original general power of attorney	:
sheets):		4. Copy of general power of attorney; reference	
(b) description		number:	:
(excluding any sequence listing		5. priority document(s) identified in Box No. VI as item(s)	:
part of the description,		6. Translation of international application into	
see (f), below)		(language):	:
(c) claims :		7. Separate indications concerning deposited microorganism or other biological material	:
(d) abstract :		8. \Box (only where item (f) is marked in the left column,	
(e) drawings (if any) :		copy in electronic form (Annex C/ST.25 text file physical data carrier(s) of the sequence listing, n	
(f) sequence listing		part of the international application, which is furni for the purposes of international search under	ished only
part of the description (if any)		(type and number of physical data carriers)	
description (if any) :			
_		9. \Box (only where item (f) (in the left column) and item	
		<i>are marked</i>) 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	n the
		international application" as filed on paper	
		10. \Box copy of results of earlier search(es) (Rule 12 <i>bis</i> .	
		11.	:
Figure of the drawings which should accompany the abstract:		Language of filing of the international application:	
Box No. X SIGNATURE OF APPL		GENT OR COMMON REPRESENTATIVE	· · · · · · · · · · · · · · · · · · ·
Next to each signature, indicate the name of the per	rson signing a	and the capacity in which the person signs (if such capacity is not obviou	is from reading the request).
		For receiving Office use only	
1. Date of actual receipt of the purported international application:	1		2. Drawings:
3. Corrected date of actual receipt due to			received:
timely received papers or drawings con the purported international application	mpleting		
 Date of timely receipt of the required corrections under PCT Article 11(2): 			not received:
5. International Searching Authority (if two or more are competent): ISA	A /	6. Transmittal of search copy delayed until search fee is paid	-
	Fo	r International Bureau use only	
Date of receipt of the record copy by the International Bureau:			
by the international bureau.			

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