PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15096840

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PATENT

503836260 REEL: 038658 FRAME: 0683

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NAME OF SUBMITTER: RYAN GUNNING

SIGNATURE: /Ryan Gunning/

DATE SIGNED: 05/20/2016

Total Attachments: 3

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> PATENT REEL: 038658 FRAME: 0684

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	ABRAHAM Alexis	(2)	OLIVIER Ségolène
(1-8)	Legal Name(s)	(3)	PEREZ-GALACHO Diego	(4)	MARRIS-MORINI Delphine
	of Inventor(s)	(5)	VIVIEN Laurent	(6)	
		(7)		(8)	
		the un	sideration of the sum of one dollar (\$1.00 dersigned, the receipt and sufficiency of and hereby does assign, transfer and set	which are	er good and valuable consideration paid to each of thereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9)	Commissariat à l'Energie Atomique et aux Energies Alternatives		
(10)	Insert Address of Assignee	(1)	25 rue Leblanc, Bâtiment "Le Ponant D", F-75015 Paris, France (FR)		
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(9)	Insert Name of Assignee	(9)	Université Paris-Sud		
(10)	Insert Address of Assignee	(10)	(10) 15 rue Georges Clémenceau, Bâtiment 640 (PUIO) Louis de Broglie, F- 91400 Orsay, France (FR)		
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number		WAVEGUIDE FOR A MODULATOR THE DOCKET NO. 170731		ECTRO -OPTIC CAPACITI UE
(12)	Alternative	(12)	U.S. Application Number 15/6	_ሴ <i>ር</i> ፄ	la c
()	Identification for	()	· · · · · · · · · · · · · · · · · · ·		
	filed applications	filed	April 12, 20	16	4
declared and goir claims o reexami resulting	te separate assignments in c 2) Each undersigned agre teoneeming any application ag forward with such interfe 3) Each undersigned agre r provisions of the Internati 4) Each undersigned agre nation a grant of a valid Un 5) Each undersigned auth g from said application(s) to terest herein assigned, and t	connection es to execu- n or patent crence or p es to execu- conal Conv es to perfo- ited States orizes and the said A that he or s	with such applications and patents as that all papers necessary in connection we for the invention and to cooperate with ost-grant proceeding, at all papers and documents and perforention for Protection of Industrial Properm all affirmative acts which may be no patent to the Assignee. requests the Commissioner of the U.S. assignee, as Assignee of the entire inter-	ne Assignath any in the Assignment any acterty or sine ecessary to Patent and ect, and ecte, any ag	derference or post-grant proceeding which may be nee in every way possible in obtaining evidence which may be necessary in connection with nilar agreements. The obtain, maintain or confirm by reissue or defended that the or she has full right to convey the greement(s) in conflict herewith, and agrees that
identific	6) Each undersigned here	by grants t	he firm of OLIFF & BERRIDGE, PLC th	e power te	o insert on this assignment any further I States Patent and Trademark Office for

Declaration

PATENT REEL: 038658 FRAME: 0685 As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for Which this declaration is being submitted.

and Therefore

The application was made or authorized to be made by me,

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentiability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	11/04/16	Inventor Signature	praham	(SBAL)
Date		Inventor Signature		(SBAL)
Date	11/04/16	Inventor Signature	diffe	(SEAL)
Date	11104/16	Inventor Signature	morin'	(SBAL)
Date	M/04/16	nas Inventor Signature		(SEAL)
Date	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Inventor Signature		(SEAL)
Date	A Company of the Comp	Inventor Signature	W. A. C.	(SEAL)
Date		Inventor Signature		(SEAL)
neither,	This assignment should preferably be signe then it should be signed before at least two v	d before: (a) a Notary Public if within vitnesses who also sign here:	n the U.S.A. (b) a U.S. Consul if outs	ide the U.S.A. If
Date	-11:04/16	Witness	selle Samoulle	Said
Date	17/04/16	Witness Ophel	ue Maleja S	

2

 A_{δ} an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	11/04/16	Inventor Signature	Mahay	_ (SEAL)	
Date	11/04/16	Inventor Signature	Solika	_ (SEAL)	
Date		Inventor Signature	<	(SEAL)	
Date	12	Inventor Signature	<u> </u>	(SEAL)	
Date	·	Inventor Signature	italian and a second a second and a second a	(SEAL)	
Date	2	Inventor Signature	<u> </u>	(SEAL)	
Date		Inventor Signature	· · · · · · · · · · · · · · · · · · ·	(SEAL)	
Date	<u> </u>	Inventor Signature	Name and the second sec	(SEAL)	
This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:					
Date	11/04/16	Witness	bodselle Saniculle	Sind	
Date	11/04/16	Witness	Ophélie Matéja		