

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT	
<b>EFFECTIVE DATE:</b>	02/05/2018	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	CHRISTIAN REIMER	01/22/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE	
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<b>City:</b>	QUEBEC CITY, QUEBEC	
<b>State/Country:</b>	CANADA	
<b>Postal Code:</b>	G1K 9A9	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16966337
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<b>NAME OF SUBMITTER:</b>	WENDY M. SLADE	
<b>SIGNATURE:</b>	/WENDY M. SLADE/	
<b>DATE SIGNED:</b>	08/11/2020	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT

**WHEREAS** I, the undersigned, Christian Reimer, Ph.D student at INRS-EMT (hereinafter referred to as the "Assignor"), residing at St-Jürgen-Ring 20, 23560 **Lübeck**, Germany, have, with others, made a certain invention known as "**Method and system for nonlinear optical process optimization via temporal pulse splitting**" (hereinafter referred to as the "Invention");

**WHEREAS** INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, whose full post office address is  
490 rue de la Couronne, Quebec City, Quebec, G1K 9A9, Canada,

(hereinafter referred to as the "Assignee") is desirous of acquiring the entire right, title, and interest that I hold in and to said Invention, in and to any patent applications which may filed in any and all countries in the world on said Invention, including divisional applications and continuation applications on the Invention and including any patent applications on the Invention in any foreign country under the provisions of the International Convention (hereinafter collectively the "Applications") and in and to any and all patents on the Invention obtained in any country in the world;

I hereby authorize and request my patent agent to insert missing information regarding any application covering the same invention when known here in parentheses (Country GB, Application number 1801825.9 filed on February 5, 2018; Country PCT, Application number PCT/CA2019/050144, filed on February 5, 2019; Country \_\_\_\_\_, Application number \_\_\_\_\_, filed on \_\_\_\_\_; Country \_\_\_\_\_, Application number \_\_\_\_\_, filed on \_\_\_\_\_);

**NOW THEREFORE**, in return for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged

I the Assignor, do hereby confirm any assignment already made by me in favour of INRS in and to the Invention, its constituent parts, any Applications, and any patents on the Invention which may be obtained;

And for more certainty I, the Assignor, do hereby sell, assign, transfer, and set over unto the Assignee, its successors and assigns, *my entire right, title, and interest* which I hold in and to said Invention, in any form or embodiment thereof, and in and to the above-described Applications; also the entire right, title and interest in and to any patent on the Invention and any reissue of a patent on the Invention. I hereby authorize and request the issuing authority to issue and deliver any and all patents on the foregoing including on said Applications in any and all countries, to said Assignee; the same to be held and enjoyed by the Assignee for its own use and behalf, and for the use and behalf of its successors and assigns, to the full end of the term or terms for which said patents may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made, as the assignee of my entire right, title and interest therein, in accordance with this assignment;

**IN ADDITION** I hereby agree that upon request, and without any payment by said Assignee, other than the expenses incurred by the undersigned, to communicate to said Assignee its successors and its assigns, their respective representatives and agents any facts known to me respecting the foregoing including any facts respecting said Invention, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference, litigation, or other proceedings, sign and deliver, on request, all lawful papers necessary or useful to vest or perfect the title of the Assignee, its successors and assigns relating to the foregoing including relating to the

invention, the Applications and the aforementioned patents, or necessary or useful to make any of the foregoing provisions effective, make all rightful oaths and generally aid the Assignee, its successors, assigns, and their respective representatives and agents to obtain and enforce proper patent protect for said Invention in all countries and likewise make these provisions binding upon my heirs, legal representatives, administrators and assigns,

Tel que convenu par le Cessionnaire et le Cédant, cette cession a été rédigée en anglais. As agreed by both the Assignee and the Assignor, this assignment has been drawn up in English.

These presents shall be governed by and construed in accordance with the applicable laws of the Province of Quebec and the laws of Canada applicable therein and the forum in relation to same shall be Quebec, Quebec, Canada.

SIGNED in quadruplicate at Boston MA USA  
(City) (Province / State) (Country)

this 22 day of January, 2018  
(Day) (Month) (Year) (The Assignor fills these blanks with the appropriate information as to the place and date of the Assignor's signature)

By the Assignor:

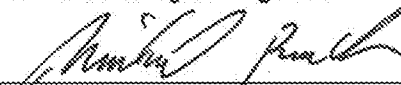


(Signature of Assignor)

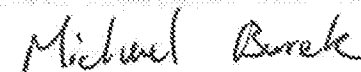
Christian Reimer

(Name of Assignor in printed letters)

Witness of Assignor's signature:



(Signature of witness of Assignor's signature)



(Name of witness in printed letters)

Acknowledged and accepted at Quebec City, Province of Quebec, Canada

By Institut national de la recherche scientifique:



Mrs Josée Charest, Director  
Research and Technology Transfer Department



Date

Witness of INRS representative's signature:



(Signature)



Date



(Name of witness of INRS representative's signature in printed letters)

The Assignment is executed nunc pro tunc as of February 5, 2018.