

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	09/25/2017	
CONVEYING PARTY DATA		
	Name	Execution Date
	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	06/21/2022
RECEIVING PARTY DATA		
Name:	INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE	
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16650828
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DATE SIGNED:	07/05/2022	
Total Attachments: 4		
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ASSIGNMENT OF INVENTION

UNIVERSAL

WHEREAS, LE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, whose full address is 3, rue Michel-Ange, cedex 16, 75794 PARIS, France, (hereinafter referred to as the Assignor); is the co-owner of a right, title and interest in and to the invention described in US Patent Application No. 62/562,623, entitled METHOD AND SYSTEM FOR ULTRASHORT PULSE CHARACTERIZATION WITH TRANSIENT FREE CARRIER ABSORPTION filed on September 25, 2017. I/We hereby authorize and request my/our patent agent to insert here in parentheses the filing date (s) and application number(s) of any additional application covering the same invention when known; (International patent application No. PCT/CA2018/051199, filed on September 24, 2018; Canadian patent application CA 3,076,846, filed on March 24, 2020; United States patent application No. US 16/650,828, filed on March 25, 2020).

and:

WHEREAS INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, whose full post office address is 490, de la Couronne Street, Quebec, Quebec, G1K 9A9, Canada, (hereinafter referred to as the Assignee), is desirous of acquiring the Assignor's right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, said Assignor has and by these present does hereby sell, assign and transfer unto said Assignee, its successors and assigns, said Assignor's entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications based thereon filed in any foreign country, including the right to file said foreign applications under the provisions of the Patent Cooperation Treaty and under the Paris Convention; also the Assignor's right, title and interest in and to any and all patents, reissues or

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extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, continuation-in-part, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and said Assignor hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said Assignee.

Said Assignor further agrees without any payment by said Assignee other than expenses incurred by the undersigned, to communicate to said Assignee, its representatives or agents, any facts useful as evidence for interference purposes or for other proceedings relating to intellectual property encompassing the invention, whenever requested; testify in any interference, litigation or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon its heirs, legal representatives, administrators and assigns.

Les soussignés désirent que la présente cession soit en anglais. The undersigned request that the present assignment be in English.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand(s) and seal.

WITNESS

DATE

ASSIGNOR

[Signature]
Signature of Witness

21/06/2022
MM/DD/YYYY

[Signature]
Signature of authorized representative
of LE CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE

Marbama DIOUF
Name of Witness

Jean Luc MOULLET
Name of authorized representative of
LE CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE

Directeur Général Délégué
Title of authorized representative of LE CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE

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WITNESS
Marie-Claude Racine
Signature of Witness
DATE
07/05/2022
MM/DD/YYYY

MARIE-CLAUDE RACINE
Name of Witness

ASSIGNEE

Kaline Sciffler
Signature of authorized representative
of INSTITUT NATIONAL DE LA
RECHERCHE SCIENTIFIQUE

KALINE SCIFFLER
Name of authorized representative of
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RECHERCHE SCIENTIFIQUE

Director Partnerships and Knowledge Transfer
Title of authorized representative of
INSTITUT NATIONAL DE LA
RECHERCHE SCIENTIFIQUE

The Assignment is executed nunc pro tunc as of September 25, 2017.

Annexe 3.01(b) - Droits de brevet existants

Liste des brevets

Titre de l'invention :	Ultrabroadband pulse direct spectral phase measurement through frequency and time resolved induced free-carrier absorption in semi-conductor materials with potential spatial and angular resolution GPI 193		
Noms des Inventeurs :	François Légaré Philippe Lassonde Guilmot Ernotte Bruno E. Schmidt Stéphane Petit Jean-Christophe Delagnes Éric Cormier		
Titre de la demande de brevet prioritaire et date du dépôt :	Method and System for Ultrashort Pulse Characterization with Transient Free Carrier Absorption US 62/562,623, déposée le 25 septembre 2017		
Pays d'où vient la demande :	Numéro de la demande:	Date du dépôt :	Date(s) des brevets:
PCT	PCT/CA2018/051199	24 septembre 2018	
Canada	CA 3,076,846	24 mars 2020	
États-Unis	US 16/650,828	25 mars 2020	