

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALAIN BLOUIN	06/14/2017
MOHAMAD SABSABI	06/19/2017
JEAN-PIERRE MONCHALIN	06/09/2017
FRANCIS VANIER	06/14/2017
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16614689
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<b>DATE SIGNED:</b>	11/18/2019
<b>Total Attachments: 4</b>	
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# CONFIRMATORY ASSIGNMENT

WHEREAS, we, Alain BLOUIN, a citizen of CANADA residing at 5152, St-Denis St., Montreal, Quebec H2J 2M2, CANADA, Mohamad SABSABI, a citizen of CANADA residing at 1224, du Jardin St., Longueuil Quebec, J4N 0A2, CANADA, Jean-Pierre MONCHALIN, a citizen of CANADA residing at 3840 Wilson Av., Montreal, Quebec H4A 2T8, CANADA, and Francis VANIER, a citizen of CANADA residing at c/o National Research Council of Canada, 75, de Mortagne Blvd., Boucherville, Quebec J4B 6Y4, CANADA in the course of our work at and/or for the National Research Council of Canada have made an invention (hereinafter the "Invention") for which we have made application for Letters Patent entitled

## CHARACTERIZATION OF A MATERIAL USING COMBINED LASER-BASED IR SPECTROSCOPY AND LASER-INDUCED BREAKDOWN SPECTROSCOPY

filed in the United States on May 19, 2017 under U.S. Provisional Application No. 62/508,452 (hereinafter the "Application")

AND WHEREAS, National Research Council of Canada, a Departmental Corporation forming part of the Government of Canada, created by an act of Parliament, the National Research Council Act, R. S. C. 1985, c. N-15, having its principal offices at 1200 Montreal Road, Ottawa, Ontario K1A 0R6, CANADA, is our employer and/or maintains facilities or equipment that we used in making the Invention, and is the owner of our rights in the Invention by action of law, namely s. 3 of *The Public Servants Inventions Act* of Canada, or by agreement;

NOW, THEREFORE, in consideration of having been provided with an opportunity to participate in scientific research at the National Research Council of Canada and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Alain BLOUIN, Mohamad SABSABI, Jean-Pierre MONCHALIN and Francis VANIER, hereby confirm that we did transfer to the National Research Council of Canada all of our right, title and interest in and to the Invention in all countries of the world and in and to the Application and all subsequent

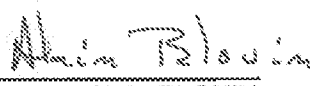
2017-087

patent applications based thereon, including any regular patent applications that claim priority therefrom, and any and all continuations, divisions and reissues of any of the foregoing, together with the right to claim priority from the Application under the provisions of any international agreements and national laws including the International Convention for the Protection of Industrial Property,

AND we hereby confirm that we have the right to make the assignment herein free of any encumbrances or interests of any other parties,

AND we hereby authorize the Commissioner of Patents and Trademarks, and any official of any country authorized to issue patents, to issue any Letters Patent for the invention to National Research Council of Canada, to the extent that the same would have been issued to us in the event that ownership rested with us as inventors.

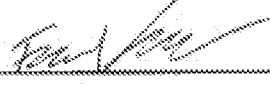
This Confirmatory Assignment is effective as of May 19, 2017

Executed on June 14, 2017 at Boucherville  
  
Alain BLOUIN

**Declaration by Witness**

I, FRANCIS VANIER, whose full post office address is  
75 RVD DE MORTAGNE, BOUCHERVILLE J4B 6Y4  
say:


That I was personally present and did hear and see, Alain BLOUIN, who is personally known to me duly sign the above Confirmatory Assignment and confirm having read and understood all that it contains.

  
(signature of witness)

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Executed on June 19, 2017

  
Mohamad SABSABI

**Declaration by Witness**

I, FRANCIS VANIER, whose full post office address is  
75, BLVD DE MORTAGNE, BOUCHERVILLE, J4B 6Y4  
say:

That I was personally present and did hear and see, Mohamad SABSABI,  
who is personally known to me duly sign the above Confirmatory Assignment and  
confirm having read and understood all that it contains.

  
(signature of witness)


Executed on June 9th 2017

  
Jean-Pierre MONCHALIN

**Declaration by Witness**

I, PAUL BOUCHARD, whose full post office address is  
10539 ave. d'ARTEUIL MONTREAL H3L 2K5  
say:

That I was personally present and did hear and see, Jean-Pierre  
MONCHALIN, who is personally known to me duly sign the above Confirmatory  
Assignment and confirm having read and understood all that it contains.

  
(signature of witness)

2017-087


Executed on 14 JUIN 2017

  
Francis VANIER

**Declaration by Witness**

I, PAUL BOULHARD, whose full post office address is  
10539 av. D'ARTESIE MONTREAL QC H3L 2K5  
say:

That I was personally present and did hear and see, Francis VANIER, who is  
personally known to me duly sign the above Confirmatory Assignment and confirm  
having read and understood all that it contains.

  
(signature of witness)