

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MANUEL MARTIN	06/27/2019
PHUONG VO	06/27/2019
ERIC IRISSOU	06/25/2019
JEAN-GABRIEL LEGOUX	06/27/2019
RECEIVING PARTY DATA	
Name:	NATIONAL RESEARCH COUNCIL OF CANADA
Street Address:	1200 MONTREAL ROAD
City:	OTTAWA
State/Country:	CANADA
Postal Code:	K1A 0R6
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16459880
CORRESPONDENCE DATA	
Fax Number:	(519)474-0800
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	519-474-0700
Email:	patents@brunetco.com
Correspondent Name:	BRUNET & CO. LTD.
Address Line 1:	401 BAY ST.
Address Line 2:	SUITE 1600
Address Line 4:	TORONTO, CANADA M5H 2Y4
ATTORNEY DOCKET NUMBER:	NRC-2017-051-US
NAME OF SUBMITTER:	HANS KOENIG
SIGNATURE:	/Hans Koenig/
DATE SIGNED:	07/02/2019
Total Attachments: 4	
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CONFIRMATORY ASSIGNMENT

WHEREAS, we, **Manuel MARTIN**, a citizen of CANADA residing at 910 rue Etienne Marchand, Boucherville, Quebec J4B 6S5, CANADA, **Phuong VO**, a citizen of CANADA residing at 18-3679 rue Sainte-Famille, Montreal, Quebec, H2X 2L5, CANADA, **Eric IRISSOU**, a citizen of CANADA residing at 508 des Orioles, Longueuil, Quebec, J4G 2L5 CANADA, **Jean-Gabriel LEGOUX**, a citizen of CANADA, residing at 57 Joffre, Repentigny, Quebec J6A 5Z2, CANADA and 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

**MANUFACTURED METAL OBJECTS WITH HOLLOW CHANNELS AND METHOD
FOR FABRICATION THEREOF**

filed in the **United States** on **July 17, 2018** under **United States Provisional Patent Application No. 62/699,063** (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, **Manuel MARTIN**, **Phuong VO**, **Eric IRISSOU** and **Jean-Gabriel LEGOUX** 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 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

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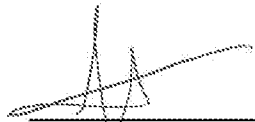
right to claim priority from the Application under the provisions of any international agreements and national laws including the International Convention for the Protection of Industrial Property,

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 **July 17, 2018**.

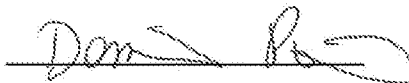
Executed on June 27th, 2019


Manuel MARTIN

Declaration by Witness

I, DOMINIQUE POIRIER, whose full post office address is
149 DES ILES-PERCEES, BOUCHERVILLE, J9B 2P5
say:

That I was personally present and did hear and see, **Manuel MARTIN**, 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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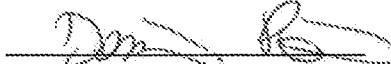
Executed on JUNE 27, 2019


Phuong VO

Declaration by Witness

I, DOMINIQUE POIRIER, whose full post office address is
119 DES RUES-PERLES, BOWTHERVILLE, Q3B 2P5
say:

That I was personally present and did hear and see, **Phuong VO**, 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)

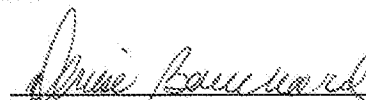
Executed on JUNE 25, 2019


Eric IRISSOU

Declaration by Witness

I, DEVISE BOUCHARD, whose full post office address is
75 DE MONTAGNE BLVD, BOWTHERVILLE, QC
say:

That I was personally present and did hear and see, **Eric IRISSOU**, 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)

2017-051


Executed on June 27th, 2019


Jean-Gabriel LEGOUX

Declaration by Witness

I, DOMINIQUE POIRIER, whose full post office address is
149 DES LACS-PELÉES, BOUCHERVILLE, JYB 2P5
say:

That I was personally present and did hear and see, **Jean-Gabriel LEGOUX**
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)