

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6183061

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID DIXON	11/02/2017
EDOUARD ASSELIN	11/02/2017
OSCAR OLVERA OLMEDO	11/17/2017
ZIHE REN	12/04/2017
AHMAD GHAHREMAN	11/16/2017
RECEIVING PARTY DATA	
Name:	THE UNIVERSITY OF BRITISH COLUMBIA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16748553
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	RUDY J. NG
SIGNATURE:	/Rudy J. Ng, Reg. No. 56,741/
DATE SIGNED:	07/02/2020
Total Attachments: 11	

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source=SMAR-086 - 15-080 PCT (PCTCA2016050444) corrected Confirmatory Assignment with inventor and UBC initials#page11.tif

CONFIRMATORY ASSIGNMENT

WHEREAS, the undersigned, whose full name and post office address is:

David Dixon
6716 London Drive,
Delta, British Columbia
Canada V4K 1Z3

Edouard Asselin
4644 Lancelot Court
Richmond, British Columbia
Canada V7C 4S2

Oscar Olvera ~~Canada~~ *Olmedo*
~~20 East 59th Avenue~~ *704-1218 Burnaby St. Van*
Vancouver, British Columbia
Canada ~~V7C 4S2~~ *V6E 1P5* *0600 17 Nov 2017*

Zihe Ren
c/o The University of British Columbia -- Industry Liaison Office
#103 -- 6190 Agronomy Road
Vancouver, British Columbia
Canada V6T 1Z3

Ahmad Ghahremaninezhad
1387 Crossfield Avenue
Kingston, Ontario
Canada K7P 0E7

(each the "Assignor"),

has invented certain new and useful inventions relating to:

PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS

(collectively, the "Inventions") as set out in US Patent Application no. 62/149,015 and PCT Patent Application No. PCT/CA2015000160 (the "Patent Applications").
PCT/CA2016/050444

AND WHEREAS, each Assignor has agreed to sell and has sold, assigned and transferred all of his right, title and interest in and to the Inventions and all patent rights throughout the world in connection therewith, including any Letters Patent which may be granted in connection with the Inventions, to

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File No. 16838-1
Assignment
Page 1 of 5

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WHEREAS, the undersigned, whose full name and post office address is:

David Dixon
6716 London Drive,
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alshul 10 Jun 2020

Edouard Asselin
4644 Lancelot Court
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Page 1 of 5

PATENT

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6716 London Drive,
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Vancouver, British Columbia
Canada ~~V7E 4S2~~ *V6E 1P5* *06/00* *17 Nov 2017*

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PCT/CA2016/050444 *06/00* *10 June 2020*

AND WHEREAS, each Assignor has agreed to sell and has sold, assigned and transferred all of his right, title and interest in and to the Inventions and all patent rights throughout the world in connection therewith, including any Letters Patent which may be granted in connection with the Inventions, to

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PCT/CA2016/050444 Zhen June 11, 2020

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Oscar Olvera ~~Olvera~~ Olvera
20 East 59th Avenue BH-1218 Burnaby St Vancouver
Canada V7E 4S2 V6E 1P5 02/00 17 Nov 2017

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PCT/CA2016/050444 A.G. June 19, 2020

AND WHEREAS, each Assignor has agreed to sell and has sold, assigned and transferred all of his right, title and interest in and to the Inventions and all patent rights throughout the world in connection therewith, including any Letters Patent which may be granted in connection with the Inventions, to

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PATENT

REEL: 053108 FRAME: 0051

The University of British Columbia
c/o The University of British Columbia – Industry Liaison Office
#103 – 6190 Agronomy Road
Vancouver, British Columbia
Canada V6T 1Z3

(the "Assignee");

NOW THEREFORE, in consideration of the foregoing, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby confirms that the Assignor has sold, assigned, transferred, and set over unto the Assignee, and unto the Assignee's successors and assigns, all right, title and interest, for all countries and regions throughout the world, in and to:

- (a) the Inventions; the Patent Application; all patents and patent applications relating to the Inventions including divisionals, continuations, continuations-in-part, international applications, national phase entry applications, renewals and reissues; all rights relating to the Inventions and all patent applications and patents relating thereto arising under any intellectual property treaty including the Paris Convention for the Protection of Industrial Property and the Patent Cooperation Treaty; all rights of priority resulting from the filing of any of the foregoing; and all patents issuing on or from any of the foregoing; and
- (b) all right to recover damages, including royalties, for any past, present or future infringement of any patent application or patent identified in the preceding paragraph (a);

(collectively, the "Patent Rights").

As part of the foregoing:

The Assignor will, at the Assignee's (or its successor's or assign's, as the case may be) request and expense, promptly (i) assist with, execute and deliver all applications, declarations, verifications, responses, submissions, assignments and further documents relating to any and all Inventions, (ii) take all lawful oaths and (iii) do all such things, as may be requested by the Assignee (or the Assignee's successor's or assign's, as the case may be) from time to time and at any time, to enable the Assignee or the Assignee's nominees to procure, perfect, enforce, defend and maintain any and all of the Patent Rights.

For greater certainty, each of the terms "including", "include" and "includes", when used in this assignment, is not limiting whether or not non-limiting language (such as "without limitation", "without limiting the foregoing", "but not limited to" or words of similar import) is used with reference thereto.

IN WITNESS WHEREOF the Assignor has caused this confirmatory assignment to be duly executed.

EXECUTED BY David Dixon at

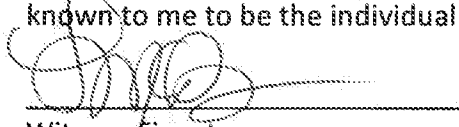
Vancouver (City or Town)

in Canada, this 2nd day of November, 2017.


David Dixon

STATEMENT OF WITNESS

On this 2nd day of Nov, 2017, before me, personally appeared David Dixon known to me to be the individual identified above who executed the foregoing instrument.


Witness Signature

Laurie McBeth
Type or Print Name

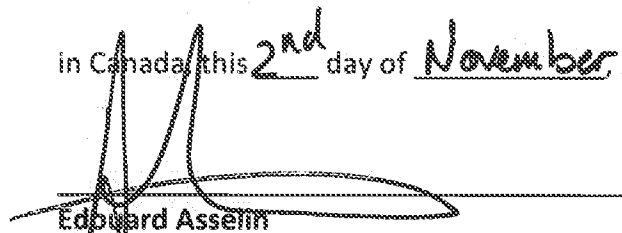
Witness Address:

#305-2675 Alder St
Vancouver, BC
Canada
V6H 2S2
(home address)

EXECUTED BY Edouard Asselin at

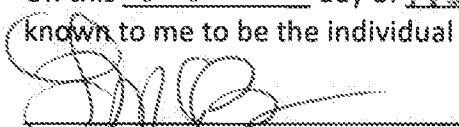
Vancouver (City or Town)

in Canada, this 2nd day of November, 2017.


Edouard Asselin

STATEMENT OF WITNESS

On this 2nd day of Nov, 2017, before me, personally appeared Edouard Asselin known to me to be the individual identified above who executed the foregoing instrument.


Witness Signature

Laurie McBeth
Type or Print Name

Witness Address:

#305-2675 Alder St
Vancouver, BC Canada
V6H 2S2
(home address)

17 Nov 2017
0900

EXECUTED BY Oscar Olvera Omeda at Vancouver, BC (City or Town)

in Canada, this 17th day of November, 2017.

[Signature]
Oscar Olvera Omeda

0900 17 Nov 2017

STATEMENT OF WITNESS

On this 17th day of NOV, 2017, before me, personally appeared Oscar Olvera Omeda known to me to be the individual identified above who executed the foregoing instrument.

[Signature]
Witness Signature

Laurie McBeth

Type or Print Name

Witness Address:

#103-6190 Agonomy Rd.
Vancouver, BC
V6H 2S2
Canada.
(work address)

EXECUTED BY Zihe Ren at Vancouver, BC (City or Town)

in Canada, this 4th day of December, 2017.

[Signature]
Zihe Ren

STATEMENT OF WITNESS

On this 4th day of Dec, 2017, before me, personally appeared Zihe Ren known to me to be the individual identified above who executed the foregoing instrument.

[Signature]
Witness Signature

Laurie McBeth

Type or Print Name

Witness Address:

6190 Agonomy Rd
Vancouver, BC
V6T-1Z3
Canada

EXECUTED BY Ahmad Ghahreman at Kingston, ON (City or Town)

in Canada, this 16 day of Nov, 2017.

[Signature]
Ahmad Ghahreman

STATEMENT OF WITNESS

On this 16th day of Nov, 2017, before me, personally appeared Ahmad Ghahreman known to me to be the individual identified above who executed the foregoing instrument. Witnessed to by Peter L. D. Finkel Ont. Driver's License C31440140020425

[Signature]
Witness Signature

Lawyer, Notary Public, Commissioner, etc.
Douglas F. Caldwell
Caldwell and Moore

Type or Print Name
260 Barrie Street
Kingston, ON K7L3K7

Witness Address:

EXECUTED BY The University of British Columbia at _____ (City or Town)

in Canada, this 19 day of December, 2017.

[Signature]
Brett Sharp

Associate Director, University – Industry Liaison Office

STATEMENT OF WITNESS

On this 19th day of Dec, 2017, before me, personally appeared Brett Sharp known to me to be the individual identified above who executed the foregoing instrument on behalf of the University of British Columbia.

[Signature]
Witness Signature

Laurie McBeth

Type or Print Name

Witness Address:

6190 Agromy Rd
Vancouver, BC
V6H 2S2
Canada

File No. 16838-1
Assignment

PATENT Page 5 of 5