

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David G. Dixon</td> <td>06/27/2012</td> </tr> <tr> <td>Berny Rivera-Vasquez</td> <td>07/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	David G. Dixon	06/27/2012	Berny Rivera-Vasquez	07/16/2012						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>The University of British Columbia</td> </tr> <tr> <td>Street Address:</td> <td>103-6190 Agronomy Road</td> </tr> <tr> <td>Internal Address:</td> <td>University-Industry Liaison Office</td> </tr> <tr> <td>City:</td> <td>Vancouver</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>V6T 1Z3</td> </tr> </table>		Name:	The University of British Columbia	Street Address:	103-6190 Agronomy Road	Internal Address:	University-Industry Liaison Office	City:	Vancouver	State/Country:	CANADA	Postal Code:	V6T 1Z3
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: 4155760300 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 415-576-0200 Email: jluc@kilpatricktownsend.com Correspondent Name: Kilpatrick Townsend & Stockton LLP Address Line 1: Two Embarcadero Center, 8th Flr Address Line 4: San Francisco, CALIFORNIA 94111													
ATTORNEY DOCKET NUMBER:	84942-003200US-838481												
NAME OF SUBMITTER:	Jeffrey Luo												
Total Attachments: 3 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif													

OP \$40.00 13503338

**ASSIGNMENT**  
(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled "LEACHING PROCESS FOR COPPER CONCENTRATES WITH A CARBON CATALYST," which was filed with the U.S. Patent & Trademark Office on April 20, 2012 and assigned Application No. 13/503,338 and is a U.S. National Phase Application under 35 U.S.C. 371 of PCT/CA2010/001668, International Filing Date of October 20, 2010.

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

1. Agree to sell, assign, transfer, and convey, and hereby do sell, assign, transfer, and convey, to **The University of British Columbia**, a university, having a principal place of business at University-Industry Liaison Office, 103-6190 Agronomy Road, Vancouver, British Columbia, V6T 1Z3, CANADA, ("Assignee"), the entire right, title, and interest in and to:
  - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
  - (b) the above-referenced patent application, any application based in whole or in part upon the above-referenced patent application, including, without limitation, any application that is a provisional, non-provisional, design, divisional, continuation, continuation-in-part, reissue, reexamination, or non-U.S. patent application based in whole or in part on the above-referenced patent application, and the right to claim priority to the above-referenced patent application; and
  - (c) any patent (including, without limitation, any U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, continuations, continuations-in-part, divisionals, reissues and reexaminations) that is granted or issued upon, or that claims priority to, any and all applications under (b) of this paragraph or that discloses or claims intellectual property under (a) of this paragraph, in whole or in part.
2. Authorize and request the Commissioner of Patents or any other agency, U.S. or non-U.S., to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents under paragraph 1 of this Assignment.
3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths, and petitions, and, at the Assignee's expense, perform any acts that are

ASSIGNMENT

U.S. Application No. 13/503,338

Page 2 of 2

necessary in connection with prosecution of patent application(s) or intellectual property under paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.

4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
5. Warrant and represent that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the dates indicated beside our signatures.

1) Signature:  \_\_\_\_\_  
David G. Dixon

Date: 27 June 2012

2) Signature: \_\_\_\_\_  
Berny Rivera-Vasquez

Date: \_\_\_\_\_

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ASSIGNMENT

U.S. Application No. 13/503,338

Page 2 of 2


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1) Signature: \_\_\_\_\_  
David G. Dixon

Date: \_\_\_\_\_

2) Signature:  \_\_\_\_\_  
Berny Rivera Vasquez

Date: 2012-07-16

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