

PATENT ASSIGNMENT

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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>
Abdelhamid SAYARI	03/09/2011
Youssef BELMABKHOUT	03/09/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF OTTAWA
<b>Street Address:</b>	800 KING EDWARD AVENUE
<b>Internal Address:</b>	ROOM 3042
<b>City:</b>	OTTAWA
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	K1N 6N5
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12976557
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(514)904-8101
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	5149048100
<b>Email:</b>	ipmtl@osler.com
<b>Correspondent Name:</b>	OSLER, HOSKIN & HARCOURT LLP
<b>Address Line 1:</b>	1000 DE LA GAUCHETIERE STREET WEST
<b>Address Line 2:</b>	SUITE 2100
<b>Address Line 4:</b>	MONTREAL, CANADA H3B 4W5
<b>ATTORNEY DOCKET NUMBER:</b>	1127123(CB/TW)
<b>NAME OF SUBMITTER:</b>	Sofia Aguilar
<b>Total Attachments: 2</b>	
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OP \$40.00 12976557

## WORLDWIDE ASSIGNMENT

WHEREAS WE, Abdelhamid SAYARI, whose complete address is 735 Ludgate Court, Ottawa Ontario K1J 8K8, Canada; and Youssef BELMABKHOUT, whose complete address is 14-3 Rue Richer, Gatineau Quebec, J8Y 4T7, Canada; (hereinafter referred to as the Assignors) have made an invention entitled:

### STABILIZED AMINE-CONTAINING CO<sub>2</sub> ADSORBENTS AND RELATED SYSTEMS AND METHODS

for which an application for Letters Patent has been or will be filed in the following country:

<u>Country</u>	<u>Filing Date</u>	<u>Serial No.</u>
US	December 22, 2009	61/289,198
US	December 22, 2010	12/976,557

(If necessary, the Assignee (as defined below), its affiliates and its agents are hereby authorized to insert any additional countries, any filing dates and any serial numbers when known);

AND, WHEREAS, UNIVERSITY OF OTTAWA whose full postal address is 800 King Edward Avenue, Room 3042, Ottawa, Ontario, K1N 6N5, Canada; (hereinafter referred to as the Assignee) is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned application for Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee is hereby acknowledged, by these presents, we, the Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that may be granted on this invention in any country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty it is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignee, its successors and assigns, in accordance with the terms of this Assignment;

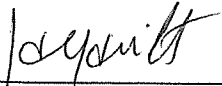
AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will communicate with the Assignee, its successors and assigns, any facts known to us respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, reissue, and re-examination applications, make all rightful oaths and generally do everything possible to aid the Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether we are in the employ of the Assignee or its affiliates, any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignee, its successors, and assigns.

This assignment agreement is effective as of December 22, 2009.

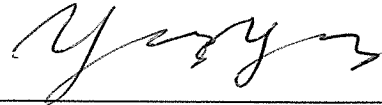
It is the express wish of the parties that this Assignment and all related documents be drafted in English. Il est de la volonté expresse des parties que cette cession et tous les documents s'y rattachant soient rédigés en anglais.

IN TESTIMONY WHEREOF, WE HAVE SIGNED:



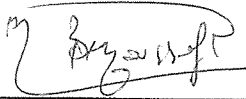
ABDELHAMID SAYARI

Date of Signature: 9/3/2011  
Place of Signature: Ottawa



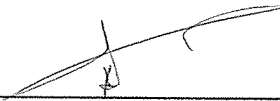
Witness

Name: YONG YANG



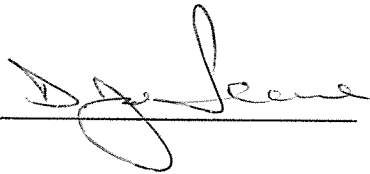
YOUSSEF BELMABKHOUT

Date of Signature: 09/03/2011  
Place of Signature: Ottawa



Witness

Name: 09/03/2011  
Aliakbar Heydari



Name:  
Title:

D. Joe Irvine  
Directeur, VRTT  
Director, TTBE  
uOttawa

UNIVERSITY OF OTTAWA  
Date of Signature:  
Place of Signature:

15 March 11  
Ottawa



Witness

Name: ANN SHILTS