

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5090799

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ERIC BROWN	06/01/2018
MAYA FARHA	05/30/2018
CRAIG MACNAIR	05/30/2018
JONATHAN STOKES	05/30/2018
RECEIVING PARTY DATA	
Name:	MCMASTER UNIVERSITY
Street Address:	1280 MAIN STREET WEST
City:	HAMILTON
State/Country:	CANADA
Postal Code:	L8S 4L8
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15887469
CORRESPONDENCE DATA	
Fax Number:	(202)842-7899
<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>	
Email:	vjones@cooley.com
Correspondent Name:	COOLEY LLP
Address Line 1:	1299 PENNSYLVANIA AVENUE, NW
Address Line 2:	SUITE 700
Address Line 4:	WASHINGTON, D.C. 20004
ATTORNEY DOCKET NUMBER:	ZUME-001/03US
NAME OF SUBMITTER:	ALLA BRUKMAN
SIGNATURE:	/Alla Brukman/
DATE SIGNED:	08/09/2018
Total Attachments: 7	
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ASSIGNMENT

Eric BROWN, residing at 1102 Crestview Street, Oakville, Ontario L6J 2C6, Canada; Maya FARHA, residing at 127 Braithwaite Avenue, Ancaster, Ontario L9G 5A3, Canada; Craig MACNAIR, residing at 72 Myers Lane, Ancaster, Ontario L9G 0A5, Canada; and Jonathan STOKES, residing at 285 Third Street, Apt. 230, Cambridge, MA 02142, U.S.A. (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled: BICARBONATE AS A POTENTIATOR FOR ANTIMICROBIAL AGENTS, and which is a:

U.S. non-provisional patent application bearing Application No. U.S. 15/887,469, and filed on February 2, 2018;

WHEREAS, MCMASTER UNIVERSITY, a university having its principal place of business at 1280 Main Street West, Hamilton, Ontario L8S 4L8 Canada, its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified above;
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);

- (e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

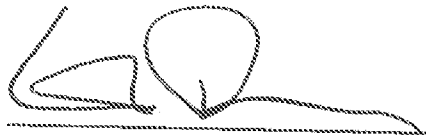
The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

Each Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

Each Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.), without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns..

Each Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: June 1, 2018

By: 
Eric Brown

WITNESS: 

Date: June 1, 2018


Name: JACOB BROWN

WITNESS: _____

Date: _____

Name: _____

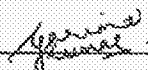
Date: 30/05/18

By: 
Maya Farha

WITNESS: 

Date: 30/05/18

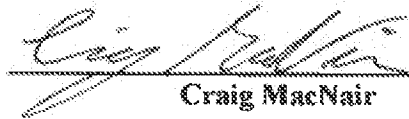
Name: Sara El Zahed

WITNESS: 

Date: 30-05-2018

Name: GARIMA KUMAR

Date: May 30, 2018

By: 
Craig MacNair

WITNESS: Alia Khalid

Date: May 30, 2018

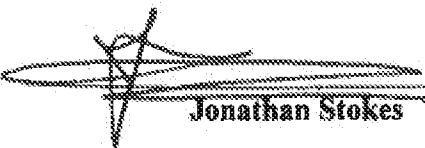
Name: Alia Khalid

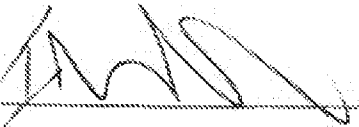
WITNESS: Kindsey Carhoe

Date: May 30, 2018

Name: Kindsey Carhoe

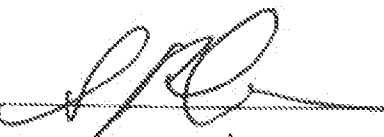
Date: May 30/18

By: 
Jonathan Stokes

WITNESS: 

Date: 5/30/18

Name: Ian Andrews

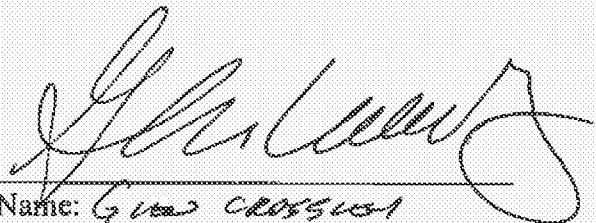
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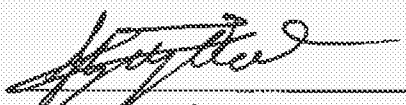
Date: 5/30/18

Name: Ahmed Badran

For and on behalf of ASSIGNEE:

Date: August 7th, 2018

By: 
Name: G. W. Crossen
Title: ASSISTANT DIRECTOR, MILD
Company: McMaster University

WITNESS: 
Name: Zylker

Date: August 7th, 2018

WITNESS: _____
Name: _____

Date: _____