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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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EPAS ID: PAT6996164

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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>                   |
| CARLOS FILIPE   | 12/01/2014                              |
| SANA JAHANSHAHI- ANBUHI   | 12/05/2014                              |
| YINGFU LI   | 05/28/2015                              |
| JOHN BRENNAN  | 06/09/2015                              |
| ROBERT PELTON   | 11/18/2014                              |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | MCMASTER UNIVERSITY                     |
| <b>Street Address:</b>  | 1280 MAIN STREET WEST                   |
| <b>City:</b>  | HAMILTON                                |
| <b>State/Country:</b>   | CANADA                                  |
| <b>Postal Code:</b>   | L8S 4L8                                 |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>                           |
| <b>Application Number:</b>  | 17304872                                |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (416)361-1398                           |
| <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> |   |
| <b>Phone:</b>   | 4163647311                              |
| <b>Email:</b>   | pfolkins@bereskinparr.com               |
| <b>Correspondent Name:</b>  | BERESKIN & PARR LLP/S.E.N.C.R.L.,S.R.L. |
| <b>Address Line 1:</b>  | 40 KING STREET WEST, 40TH FLOOR         |
| <b>Address Line 4:</b>  | TORONTO, CANADA M5H3Y2                  |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 3244-P46611US03                         |
| <b>NAME OF SUBMITTER:</b>   | PATRICIA FOLKINS                        |
| <b>SIGNATURE:</b>   | /Patricia Folkins/                      |
| <b>DATE SIGNED:</b>   | 10/29/2021                              |
| <b>Total Attachments: 6</b>   |   |
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source=IPA15-045#page6.tif

## PATENT ASSIGNMENT

WHEREAS, we:

- (1) **Carlos Filipe**, residing at 574 Stonehenge Drive, Ancaster, L9K 0B2, Ontario;
- (2) **Sana Jahanshahi**, residing at 180 Bold St, Apt 2008, Hamilton, L8P 4S3;
- (3) **Yingfu Li**, residing at 87 Pirie Dr. Dundas, ON, L9H 6Y2;
- (4) **John Brennan**, residing at 203 Pleasant Ave. Dundas, ON, L9H 3V5;
- (5) **Robert Pelton**, residing at 167 Old Ancaster, Dundas, Ontario

(hereinafter the "ASSIGNORS") have invented certain new and useful improvements entitled **METHOD OF STABILIZING MOLECULES WITHOUT REFRIGERATION USING WATER SOLUBLE POLYMERS AND APPLICATIONS THEREOF IN PERFORMING CHEMICAL REACTIONS** (hereinafter referred to as the "Inventions"), disclosed in **International PCT Patent Application no. PCT/CA2014/051,081 filed on November 10<sup>th</sup>, 2014** which claims priority from United States Provisional Patent Application No. 61/901,784, filed on November 8<sup>th</sup>, 2013 (hereinafter referred to collectively as the "Application(s)");

AND WHEREAS, we are, respectively:

- (1) a member of the teaching staff ;
- (2) a graduate student;
- (3) a member of the teaching staff;
- (4) a member of the teaching staff;
- (5) a member of the teaching staff;

of **MCMASTER UNIVERSITY**, a university incorporated by act of the Legislature of the Province of Ontario, Canada (hereinafter referred to as the "ASSIGNEE") having a place of business at 1280 Main Street West, Hamilton, Ontario, Canada L8S 4L8;

**AND WHEREAS**, under the *Joint Intellectual Property Policy of McMaster University, Hamilton Health Sciences and St. Joseph's Healthcare Hamilton* (the "Policy"), the ASSIGNEE is the first owner of the Invention and the Application(s) and, to the extent that the Policy does not grant ownership to the ASSIGNEE, is desirous of acquiring the full and exclusive right, title and interest in and to the Inventions and the Application(s) inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, for the United States, Canada, and elsewhere, to be granted for said inventions;

**NOW, THEREFORE, IN CONSIDERATION** of the sum of Two Canadian Dollars (CAD\$2.00) payable by ASSIGNEE to each of the ASSIGNOR(S), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, ASSIGNOR(S), do hereby:

(i) confirm, individually and collectively, that we, and each of us, prior to the Filing Date, consented to the filing of the Application(s); and

(ii) individually and collectively, sell, assign and transfer to the said ASSIGNEE, the whole right, title and interest for the United States of America, Canada, and all other countries and all other places that are not countries, in, to and in respect of the Inventions and the Application(s) and all Letters Patent that may be obtained therefor in the United States of America, Canada, and all other countries and all other places that are not countries, including all regular, conversion, divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications and any Letters Patent to issue therefrom, together with every priority right that is or may be predicated upon or arise from the Inventions, the Application(s) and the Letters Patent, the same to be held and enjoyed by the ASSIGNEE for its own use and behalf, and for the use and behalf of its successors and assigns, to the full end of the term or terms for which said Letters Patent

and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment and sale not been made;

**AND WE, ASSIGNOR(S)**, individually and collectively, hereby bind ourselves, our legal representatives and assigns to do, upon ASSIGNEE's request, but without additional consideration, all acts reasonably serving to assure that the Inventions and the Application(s) and the said Letters Patent shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications and oaths, and all assignments, disclaimers and lawful affidavits in form and substance as may be requested by ASSIGNEE; to communicate to ASSIGNEE all facts known to us relating to said Inventions and discoveries or the history thereof; and to furnish ASSIGNEE with any and all documents, photographs, models, samples and other physical exhibits in our control or in the facts or our conceptions, disclosures, and reduction to practice of the Inventions.

**AND WE, ASSIGNOR(S)**, individually and collectively, hereby authorize ASSIGNEE to file patent applications in respect of the Inventions in any countries and in any places that are not countries, and request that the United States Commissioner of Patents and Trademarks, the Canadian Commissioner of Patents, and all other patent authorities issue the Letters Patent to ASSIGNEE, the assignee of the entire right, title and interest in and to the Inventions for its sole use and benefit; and for the use and benefit of its successors and assigns, to the full end of the term or terms for which any Letters Patent in respect of the Inventions may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

**THIS AGREEMENT** shall be governed by the laws of the Province of Ontario, including the federal laws of Canada applicable therein, and the parties each hereby irrevocably attorn to the exclusive jurisdiction of the Courts of the Province of Ontario, including the Federal Court of Canada to the extent the same has jurisdiction in any matter relating to this agreement.


SIGNED AT HAMILTON, ONTARIO CANADA on this 1 day of December, 2014  
(city, province, country)

  
\_\_\_\_\_  
Carlos Filipe

**DECLARATION OF WITNESS**

I, KRISTINA TROLLIP whose full post office address is 1280 MAIW ST. WEST, HAMILTON, ON L8R 4L7, here by declare that I was personally present and did see Carlos Filipe who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT HAMILTON on this 1 day of December, 2014  
(city, province, country)

  
\_\_\_\_\_  
(Signature of Witness)

SIGNED AT Hamilton, ON, Canada on this 5<sup>th</sup> day of December, 2014.  
(city, province, country)

Sana Jahanshahi  
Sana Jahanshahi

**DECLARATION OF WITNESS**

I, Vincent Leung whose full post office address is 54-1484 Torrington Dr.  
Mississauga ON L5V 1Y2, here  
by declare that I was personally present and did see **Sana Jahanshahi** who is personally known  
to me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT Hamilton, ON Canada on this 5<sup>th</sup> day of December, 2014.  
(city, province, country)

Vincent Leung  
(Signature of Witness)

SIGNED AT Hamilton, ON on this 28 day of May, 2015.  
(city, province, country)

Yingfu Li  
Yingfu Li

**DECLARATION OF WITNESS**

I, Michael Cheng whose full post office address is 3 Cartwright Dr.  
Barnes ON L9M 5M8, here  
by declare that I was personally present and did see **Yingfu Li** who is personally known to me to  
be the person named in the above assignment duly sign and execute the same.

DECLARED AT Hamilton, ON, CAN on this 28 day of May, 2015.  
(city, province, country)

Michael Cheng  
(Signature of Witness)

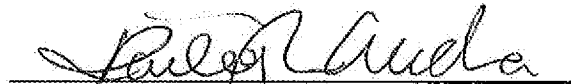
SIGNED AT HAMILTON, ON, CANADA on this 9 day of JUNE, 2015  
(city, province, country)

  
John Brennan

**DECLARATION OF WITNESS**

I, KAILEIGH WICHA whose full post office address is 101 OLIVETREE ROAD, BRANTFORD ON CANADA, N3R 7Z 8, here  
by declare that I was personally present and did see **John Brennan** who is personally known to  
me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT HAMILTON ON CANADA on this 9 day of JUNE, 2015  
(city, province, country)

  
(Signature of Witness)

SIGNED AT \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
(city, province, country)

\_\_\_\_\_  
Robert Pelton

**DECLARATION OF WITNESS**

I, \_\_\_\_\_ whose full post office address is \_\_\_\_\_, here  
by declare that I was personally present and did see **Robert Pelton** who is personally known to  
me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
(city, province, country)

\_\_\_\_\_  
(Signature of Witness)

SIGNED AT \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
(city, province, country)

John Brennan

**DECLARATION OF WITNESS**

I, \_\_\_\_\_ whose full post office address is \_\_\_\_\_, here  
by declare that I was personally present and did see **John Brennan** who is personally known to  
me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT \_\_\_\_\_ on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
(city, province, country)

\_\_\_\_\_  
(Signature of Witness)

SIGNED AT Hamilton on this 18 day of Nov., 2014  
(city, province, country)

Robert Pelton

**Robert Pelton**

**DECLARATION OF WITNESS**


I, Robert Douglas Keller whose full post office address is 31 CHATEAU COURT,  
HAMILTON, ONTARIO, CANADA L9C 5P1, here  
by declare that I was personally present and did see **Robert Pelton** who is personally known to  
me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT HAMILTON, ONTARIO, CANADA on this 18 day of NOVEMBER, 2014  
(city, province, country)

\_\_\_\_\_  
(Signature of Witness)

SIGNED AT Hamilton, Ontario, Canada on this 12 day of June, 2015  
(city, province, country)

**MCMASTER UNIVERSITY**

  
Name: Gay Yuyitung  
Title: Executive Director, McMaster Industry Liaison Office

**DECLARATION OF WITNESS**

1211166 whose full post office address is 234 Emerson St.  
Hamilton, ON L8S 2Y8, here  
by declare that I was personally present and did see **Gay Yuyitung** of **MCMASTER UNIVERSITY** who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT Hamilton, Ontario Canada on this 12 day of June, 2015  
(city, province, country)

  
(Signature of Witness)