

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3508102

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN BRENNAN	06/19/2015
CARLOS FILIPE	06/15/2015
ROBERT PELTON	06/14/2015
ZAKIR HOSSAIN	06/30/2015
ROGER LUCKHAM	06/23/2015
ANNE MARIE SMITH	08/29/2015
JULIE LEBERT	08/31/2015
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:	13322951
CORRESPONDENCE DATA	
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<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>	
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Correspondent Name:	BERESKIN & PARR LLP/S.E.N.C.R.L., S.R.L.
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NAME OF SUBMITTER:	PATRICIA FOLKINS
SIGNATURE:	/Patricia Folkins/
DATE SIGNED:	09/01/2015
Total Attachments: 9	

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PATENT ASSIGNMENT

WHEREAS, we:

- (1) Dr. John Brennan, residing at 203 Pleasant Ave Dundas, ON L9H 3V5
- (2) Dr. Carlos Filipe, residing at 574 Stonehenge Dr Ancaster, ON L9K 0B2;
- (3) Dr. Robert Pelton, residing at 167 Old Ancaster Rd, Dundas, ON L9H 3V5
- (4) Zakir Hossain, residing at 304-223 Jackson St. W Hamilton, ON L8P 4R4;
- (5) Roger Luckham, residing at 32 Gary Ave Hamilton, ON L8S 1Y3
- (6) Anne Marie Smith, residing at 299 Fiddlers Green Rd., Ancaster, ON, L9G 1W9
- (7) Julie Lebert, residing at 385 Wharncliffe Rd. N., London, ON, N6G1E4

(hereinafter the "ASSIGNORS") have invented certain new and useful improvements entitled **BIOSENSORS UTILIZING INK JET-PRINTED BIOMELECULE COMPATIBLE SOL GEL INKS AND USES THEREOF** (hereinafter referred to as the "Inventions"), disclosed in **International PCT Patent Application No. PCT/CA2010/000802**, filed on **May 31, 2010** (the "International Filing Date"), which claims priority from United States Provisional Patent Application No. 61/182,389, filed on May 29, 2009 (hereinafter referred to collectively as the "Application(s)");

AND WHEREAS, we are, respectively:

- (1) a member of the teaching staff;
- (2) a member of the teaching staff;
- (3) a member of the teaching staff;
- (4) a member of the non-teaching staff ;
- (5) a student;
- (6) a former student;
- (7) a former student

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 International 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, ON, CANADA on this 19 day of JUNE, 2015.
(city, province, country)



John Brennan

DECLARATION OF WITNESS

I, Leanne Brown whose full post office address is 1280 Main Street West, Hamilton, ON L8S 6A3, 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 19th day of June, 2015.
(city, province, country)



(Signature of Witness)

SIGNED AT Hamilton, ON, CANADA on this 15 day of June, 2015.
(city, province, country)

Carlos Filipe
Carlos Filipe

DECLARATION OF WITNESS

I, KRISTINA TROLLIP whose full post office address is 1280 MAIN ST.
HAMILTON, ONTARIO, 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, CANADA on this 15 day of JUNE, 2015.
(city, province, country)

K. Trollip
(Signature of Witness)

SIGNED AT _____ on this _____ day of _____, 2015.

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 _____, 2015.
(city, province, country)

(Signature of Witness)

SIGNED AT _____ on this _____ day of _____, 2015.
(city, province, country)

Carlos Filipe

DECLARATION OF WITNESS

I, _____ whose full post office address is _____, 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 _____ on this _____ day of _____, 2015.
(city, province, country)

(Signature of Witness)

SIGNED AT DUNDAS, ONTARIO on this 14 day of MAY, 2015. June RP HP

Robert Pelton
Robert Pelton

DECLARATION OF WITNESS

I, HELEN PELTON whose full post office address is 167 OLD ANCASTER RD
DUNDAS, ONTARIO, CANADA L9H 3R3, 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 DUNDAS, ON, CANADA on this 14 day of JUNE, 2015.
(city, province, country)

H Pelton
(Signature of Witness)

SIGNED AT Isa town, Bahrain on this ____ day of June 30, 2015.
(city, province, country)

Zakir Hossain
Zakir Hossain

DECLARATION OF WITNESS

Dr. NAHID SULTANA whose full post office address is Dept. of computer science,
University of Dammam, Saudi Arabia, here
by declare that I was personally present and did see **Zakir Hossain** who is personally known to
me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT Isa town, Bahrain on this 30 day of June, 2015.
(city, province, country)


(Signature of Witness)

SIGNED AT _____ on this ____ day of _____, 2015.
(city, province, country)

Roger Luckham

DECLARATION OF WITNESS

I, _____ whose full post office address is _____, here
by declare that I was personally present and did see **Roger Luckham** 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 _____, 2015.
(city, province, country)

(Signature of Witness)

SIGNED AT Edmonton, AB, Canada on this 29 day of August, 2015.
(city, province, country)

am Smith
Anne Marie Smith

DECLARATION OF WITNESS

I, Brianne Zorretti whose full post office address is 1715 Cunningham Way,
Edmonton, AB, Canada, here
by declare that I was personally present and did see **Anne Marie Smith** who is personally known
to me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT Edmonton, AB, Canada on this 29 day of August, 2015.
(city, province, country)

B. Zorretti
(Signature of Witness)

SIGNED AT _____ on this _____ day of _____, 2015.
(city, province, country)

Julie Lebert

DECLARATION OF WITNESS

I, _____ whose full post office address is _____, here
by declare that I was personally present and did see **Julie Lebert** 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 _____, 2015.
(city, province, country)

(Signature of Witness)

SIGNED AT _____ on this _____ day of _____, 2015.
(city, province, country)

Anne Marie Smith

DECLARATION OF WITNESS

I, _____ whose full post office address is _____, here
by declare that I was personally present and did see **Anne Marie Smith** 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 _____, 2015.
(city, province, country)

(Signature of Witness)

SIGNED AT London, Ontario, Canada on this 31st day of August, 2015.
(city, province, country)

Julie Lebert
Julie Lebert

DECLARATION OF WITNESS

I, Keeli Chen whose full post office address is 1030 Concession
rd apt 103, here
by declare that I was personally present and did see **Julie Lebert** who is personally known to me
to be the person named in the above assignment duly sign and execute the same.

DECLARED AT London, ON, Canada on this 31 day of August, 2015.
(city, province, country)

(Signature of Witness)

SIGNED AT Hamilton, Ontario, Canada on this 1st day of September, 2015.
(city, province, country)

MCMASTER UNIVERSITY

Amber Metham


Name: Amber Metham

Title: Assistant Executive Director, McMaster Industry Liaison Office

DECLARATION OF WITNESS

I, Ziyi Lai whose full post office address is 239 Emerson St. Hamilton,
ON, Canada, here
by declare that I was personally present and did see **Amber Metham** 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 1st day of September, 2015.
(city, province, country)


(Signature of Witness)