

PATENT ASSIGNMENT COVER SHEET

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| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | PHILIP BRITZ-MCKIBBIN | 06/22/2015 |
| RECEIVING PARTY DATA | | |
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| State/Country: | CANADA | |
| Postal Code: | L8S 4L8 | |
| PROPERTY NUMBERS Total: 1 | | |
| | Property Type | Number |
| | Application Number: | 15293775 |
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| NAME OF SUBMITTER: | STEPHEN M. BENEY | |
| SIGNATURE: | /Stephen M. Beney/ | |
| DATE SIGNED: | 05/18/2017 | |
| Total Attachments: 2 | | |
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| source=3244_P46205US01_Assignment#page2.tif | | |

PATENT ASSIGNMENT

WHEREAS, I, **Philip Britz-McKibbin**, residing at 45 Bond St. N., Hamilton, ON L8S3W3 (hereinafter the "ASSIGNOR") have invented certain new and useful improvements entitled **MULTI-SEGMENT INJECTION-CAPILLARY ELECTROPHORESIS-MASS SPECTROMETRY (MSI-CE-MS): A MULTIPLEXED SCREENING PLATFORM AND DATA WORKFLOW FOR CHEMICAL ANALYSIS** (hereinafter referred to as the "Inventions"), disclosed in **International PCT Patent Application No. PCT/CA2014/050454**, filed on **May 14th, 2014** (the "International Filing Date"), which claims priority from United States Provisional Patent Application No. 61/822,951, filed on May 14th, 2013 (hereinafter referred to collectively as the "Application(s)");

AND WHEREAS, I am 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 the ASSIGNOR, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, ASSIGNOR, do hereby:

(i) confirm, that I, prior to the International Filing Date, consented to the filing of the Application(s); and

(ii) 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 had this assignment and sale not been made;

AND I, ASSIGNOR, hereby bind myself, my 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 me, my 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 I, ASSIGNOR, 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.

The agreement may be signed in counterparts.

SIGNED AT Hamilton, ON, Canada on this 22 day of June, 2015
(city, province, country)

Phillip Britz-McKibbin
Phillip Britz-McKibbin

DECLARATION OF WITNESS

I, GIVSENE DELACROIX whose full post office address is 1280 PLAZA ST. W
HAMILTON, ON L8S 4T1 - ABB 2664, here
by declare that I was personally present and did see **Phillip Britz-McKibbin** 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 22nd day of JUNE, 2015
(city, province, country)

[Signature]
(Signature of Witness)

SIGNED AT Hamilton, Ontario, Canada on this 22 day of June, 2015
(city, province, country)

MCMASTER UNIVERSITY

Gay Yuyitung

Name: Gay Yuyitung

Title: Executive Director, McMaster Industry Liaison Office

DECLARATION OF WITNESS

I, ZI VI LAI whose full post office address is 234 Emerson St
Hamilton, ON, Canada L8S 2X4, 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 22 day of June, 2015
(city, province, country)

[Signature]
(Signature of Witness)