

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MEHRAN ANVARI | 03/02/2015 |
| COLM BOYLAN | 03/19/2015 |
| JULIAN DOBRANOWSKI | 03/10/2015 |
| RECEIVING PARTY DATA | |
| Name: | MCMASTER UNIVERSITY |
| Street Address: | 1280 MAIN STREET WEST |
| City: | HAMILTON |
| State/Country: | CANADA |
| Postal Code: | L8S4L8 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 13512198 |
| Application Number: | 13859336 |
| 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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| NAME OF SUBMITTER: | LORELEI G. GRAHAM |
| SIGNATURE: | /Lorelei G. Graham/ |
| DATE SIGNED: | 11/25/2016 |
| Total Attachments: 4 | |
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PATENT ASSIGNMENT

WHEREAS, we:

- (1) Dr. Mehran Anvari, residing at 104 Aberdeen Ave., Hamilton, ON L8P 2N0;
- (2) Dr. Colm Boylan, residing at 9 Mayfair Place, Hamilton ON L8S 4E9;
- (3) Dr. Julian Dobranowski, residing at 5A Overfield St., Dundas, ON L9H 3N5;

(hereinafter the "ASSIGNORS") have invented certain new and useful improvements entitled Automated In-Bore MR Guided Robotic Diagnostic and Therapeutic System (hereinafter referred to as the "Inventions"), disclosed in International PCT Patent Application No. PCT/CA2010/001865, filed on November 26th, 2010 (the "International Filing Date"), which claims priority from United States Provisional Patent Application No. 61/334,851, filed on May 14th, 2010 (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;

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 has ownership rights in the Invention and the Application(s) and, to the extent that the Policy does not grant ownership to the ASSIGNEE, is desirous of acquiring our 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) by ASSIGNEE in its name as applicant or co-applicant; and


(ii) individually and collectively confirm that we sold, assigned, and transferred and do hereby, sell, assign and transfer to the said ASSIGNEE, our 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, bound and 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, confirm that I authorized and 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 our 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 2nd day of March, 2015
(city, province, country)

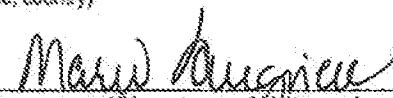


Dr. Mehran Anvari

DECLARATION OF WITNESS

I, Marie Farrance whose full post office address is 181 Braithwaite Ave, Ancaster ON L9G 0R3, here by declare that I was personally present and did see Mehran Anvari 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 2nd day of March, 2015
(city, province, country)



(Signature of Witness)

SIGNED AT Hamilton, ON, Canada on this 19th day of May, 2015
(city, province, country)

Colm Boylan
Dr. Colm Boylan

DECLARATION OF WITNESS

I, Kim Harper whose full post office address is 13 Hokimor St.
Hamilton, ON, Canada, L8P2G1, here
by declare that I was personally present and did see Colm Boylan 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 May, 2015
(city, province, country)

Kim Harper
(Signature of Witness)

SIGNED AT Hamilton, Ontario, Canada on this 10 day of MARCH, 2015
(city, province, country)

Julian Dobranowski
Dr. Julian Dobranowski

DECLARATION OF WITNESS

I, KATHERINE CHAN whose full post office address is _____
25 James St. South, here
by declare that I was personally present and did see Dr. Julian Dobranowski 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 10 day of MARCH, 2015
(city, province, country)

[Signature]
(Signature of Witness)

SIGNED AT Hamilton, Ontario, Canada on this 26 day of February, 2015
(city, province, country)

MCMASTER UNIVERSITY

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

DECLARATION OF WITNESS

I, Zi Yi Cai whose full post office address is 234 Emerson St
Hamilton, ON, L8S 4K8 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 26 day of February, 2015
(city, province, country)

[Signature]
(Signature of Witness)