

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7688570

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TIM FIELDING	08/06/2009
PERRY NEWHOOK	08/06/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MACDONALD, DETTWILER AND ASSOCIATES INC.
<b>Street Address:</b>	9445 AIRPORT ROAD
<b>City:</b>	BRAMPTON, ONTARIO
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	L6S 4J3
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	9044257
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	request@slwip.com
<b>Correspondent Name:</b>	SCHWEGMAN LUNDBERG & WOESSNER P.A.
<b>Address Line 1:</b>	P.O. BOX 2938
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	4336.026USA
<b>NAME OF SUBMITTER:</b>	ROBIN L. MONSEES
<b>SIGNATURE:</b>	/ ROBIN L. MONSEES /
<b>DATE SIGNED:</b>	12/12/2022
<b>Total Attachments: 7</b>	
source=4336026USA_request2-1#page1.tif	
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RECORDATION FORM COVER SHEET  
PATENTS ONLY

Form PTO-1595 (Rev. 6-18)  
OMB No. 0651-0027 (exp. 10/31/2024)

U.S. Department of Commerce  
United States Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

Tim Fielding, Perry Newhook

Additional name(s) of conveying party(ies) attached?

Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): August 6, 2009, August 6, 2009

- Assignment       Merger  
 Security Agreement     Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other

**2. Name and address of receiving party(ies):**

Name: Macdonald, Dettwiler and Associates Inc.

Street Address: 9445 Airport Road

City: Brampton

State/Province: Ontario

Zip: L6S 4J3

Country: Canada

Additional name(s) & address(es) attached?  
 Yes     No

4. Application number(s) or patent number(s):  This document serves as an Oath/Declaration (37 CFR 1.63)

A. Patent Application No.(s)

Serial No. Unknown

B. Patent No.(s)

9,044,257

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Timothy J. Christman

Address:

Schwegman Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, Minnesota 55402

Phone Number: (612) 359-3274

Docket Number: 4336.026USA

Email Address: request@slwip.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41): \$0.00

Authorized to be charged to deposit account 19-0743

Enclosed

None required (government interest not affecting title)

8. Payment Information

Deposit Account No.: 19-0743

Authorized User Name: Timothy J. Christman

9. Signature:

Timothy J. Christman/Reg. No. 59,481

Name of Person Signing



Signature

Dec 9, 2022

Date

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

**PATENT**  
**REEL: 062052 FRAME: 0550**

This Confirmatory Assignment effective the 16<sup>th</sup> day of April, 2007.

**CONFIRMATORY ASSIGNMENT OF INVENTION -- WORLDWIDE**  
(“Confirmatory Assignment”)

This Confirmatory Assignment of Invention is made by:

**Tim FIELDING, of 18 Jaffa Drive, Brampton, Ontario, L6S 4C5, Canada,**  
(“Assignor #1”)

**Perry NEWHOOK, of 26 Walker Road East, Caledon East, Ontario, L7C 1H2, Canada**  
(“Assignor #2”)

(collectively, the “Assignor”)

The Assignor hereby agrees and confirms that in exchange for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor did and does:

1. **Sell, transfer and assign to**

**MACDONALD, DETTWILER AND ASSOCIATES INC., of 9445 Airport Road, Brampton, Ontario L6S 4J3, Canada**  
(the “Assignee”)

and to all of the Assignee’s successors and assigns, the Assignor’s entire right, title and interest in Canada, United States and throughout the world in and to:

(a) the invention(s) and/or improvement(s) relating to **REGISTRATION METHODS, DEVICES, AND SYSTEMS**, as described and/or claimed in U.S. Patent Application No. 60/912,140 filed April 16, 2007; **METHODS, DEVICES, AND SYSTEMS USEFUL IN IMAGE REGISTRATION**, as described and/or claimed in U.S. Patent Application No. 60/912,169 filed April 17, 2007; **METHODS, DEVICES, AND SYSTEMS USEFUL IN REGISTRATION**, as described and/or claimed in International Application No. PCT/IB2008/003353 (formerly numbered PCT/US2008/060538) filed April 16, 2008

(“Invention #1”)

the invention(s) and/or improvement(s) relating to **FRAME MAPPING METHODS, DEVICES, AND SYSTEMS**, as described and/or claimed in U.S. Patent Application No. 60/912,144 filed April 16, 2007; **FRAME MAPPING AND FORCE FEEDBACK METHODS, DEVICES AND SYSTEMS**, as described and/or claimed in International Application No. PCT/IB2008/003363 (formerly numbered PCT/US2008/060545) filed April 16, 2008

(“Invention #2”)

the invention(s) and/or improvement(s) relating to **METHODS, DEVICES, AND SYSTEMS RELATING TO CAMERAS CONFIGURED TO BE POSITIONED WITHIN THE BORE OF A MAGNET AND MR BORE SPACE ILLUMINATION**, as

described and/or claimed in U.S. Patent Application No. 60/912,148 filed April 16, 2007, and International Application No. PCT/IB2008/003669 (formerly numbered PCT/US2008/060461) filed April 16, 2008

("Invention #3")

(collectively, the "Invention")

- (b) any and all applications, both Canadian and foreign, which the Assignor or Assignee, its successors or assigns, may file, either solely or jointly with others, on the Invention (the "Applications");
- (c) any and all Letters Patent, both Canadian and foreign, which may issue from any of the Applications, including all divisionals, continuations, continuations-in-part, renewals, reissues, substitutions and extensions thereof;
- (d) all Convention or Treaty rights derived from any of the Applications, including without limitation, all rights of priority in and to the Applications; and
- (e) the full and complete right to file applications for Letters Patent in the name of the Assignee, its successors or assigns, or in the Assignor's name(s) at the election of the Assignee, its successors or assigns, on the Invention throughout the world.

2. **Agreed to execute**, upon the request and at the expense of the Assignee, its successors or assigns, any and all documents relating to divisional, continuation, continuation-in-part, renewals and substitute applications for the Invention, and any necessary declaration, oath, or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said applications, and any and all applications and other documents for Letters Patent in foreign countries on the Invention that the Assignee, its successors or assigns deems necessary or expedient. The Assignor also agreed to execute, upon the request and at the expense of the Assignee, its successors or assigns, any and all documents which may be necessary or desirable to enable the Assignee, its successors or assigns, to prosecute and defend any and all applications for Letters Patent.

**NOW, IN EXCHANGE FOR GOOD AND VALUABLE CONSIDERATION**, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby:

1. **Grants** a power of attorney to the Assignee, its successors and assigns, to execute any and all such documents, declarations, oaths or affidavits referenced in clause (2) of this Confirmatory Assignment (entitled, "Agree to execute") that the Assignor is unable or unwilling to execute.

2. **Agrees to cooperate** with the Assignee, its successors and assigns, upon the request and at the expense of the Assignee, its successors and assigns, and to the best of the Assignor's ability, in any proceedings or transactions involving such applications or Letters Patent.

3. **Grants** to the Assignee, its successors and assigns, and to the firm of **MBM Intellectual Property Law LLP**, whose full post office address is 2200 - 200 Granville Street, Vancouver,

British Columbia V6C 1S4, Canada, the power to insert on this Confirmatory Assignment any further information as may be necessary to more particularly identify the Applications, and to correct any clerical error on this Confirmatory Assignment, as may be required by law for the recordation of this document at the patent office of any country throughout the world for which the Assignee, its successors or assigns seek the recordation of this document.

This agreement may be executed in any number of counterparts and all of these counterparts shall for all purposes constitute one agreement, binding on the parties, notwithstanding that all parties are not signatory to the same counterpart.

[signature page follows]

EXECUTION OF ASSIGNMENT OF INVENTION - WORLDWIDE

Execution by Assignor #1:

WITNESS:

By: [Signature]  
(Signature)

By: [Signature]  
(Signature)

Name: Tim Fielding

Name: Paula Jovin

Date: Aug 6, 2007

Brampton, Ontario  
(City & Country Where Assignment Executed)

Notarization of Witness to Signature of Assignor #1

I, Paula Jovin of 18 Canyon Gate Cr, Maple, ON  
(Name of Witness) (Address of Witness) L6A 0B4

declare that I was personally present and did witness Tim Fielding, known to me as the Assignor or authorized representative of the Assignor, duly sign and execute the above Assignment.

Sworn Before Me at Brampton  
(City)  
Peel on Aug 6, 2007  
(Country) (Date)  
[Signature]  
(Signature of Commissioner)

B LAPLAN-STWEDER  
(Name in Print)

A Commissioner for taking Oaths and Affidavits for the jurisdiction of Brampton, Ontario  
(State, Province, etc)

My commission expires does not (lawyer)  
(Expiry Date)

[Signature]  
(Signature of Witness)

EXECUTION OF ASSIGNMENT OF INVENTION - WORLDWIDE

Execution by Assignor #2:

WITNESS:

By: [Signature]  
(Signature)

By: [Signature]  
(Signature)

Name: Perry Newhook

Name: SIMON K YU

Date: August 6 2009

Brampton, Ontario  
(City & County Where Assignment Executed)

Notarization of Witness to Signature of Assignor #2

I, SIMON K YU, of 18 Far Niente St. Richmond Hill, Ontario  
(Name of Witness) (Address of Witness)

declare that I was personally present and did witness Perry Newhook, known to me as the Assignor or authorized representative of the Assignor, duly sign and execute the above Assignment.

Sworn Before Me at Brampton  
(City)

Peel  on  August 6, 2009   
(County) (Date)

[Signature]  
(Signature of Commissioner)

B CAPLAN-STREDOER  
(Name in Print)

A Commissioner for taking Oaths and Affidavits for the jurisdiction of  BRAMPTON, ONTARIO   
(Name, Province/State)


My commission expires  DOES NOT EXPIRE   
(Expiration Date)

[Signature]  
(Signature of Witness)



ACKNOWLEDGMENT OF ASSIGNMENT

Acknowledgement of Receipt of Assignment by MACDONALD, DETTWILER  
AND ASSOCIATES INC.

By:  \_\_\_\_\_  
(Signature)

Name: Paula Train

Title: Manager, contracts and subcontracts

Date: August 6, 2009

Brantford, Ontario  
(City & Country Where Assignment Executed)