

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4567570

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRIAN SCOTT SCHUMACHER	08/09/2017
NICHOLAS SLATER	07/25/2017
BJORN N RINDAL	08/03/2017
NAVID MAHPEYKAR	07/25/2017
WILLIAM W. CROSS III	07/25/2017
SIGURD BERVEN	08/21/2017
<b>RECEIVING PARTY DATA</b>	
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<b>Street Address:</b>	560 WEST GOLF COURSE ROAD
<b>City:</b>	PROVIDENCE
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<b>Postal Code:</b>	84332
<b>Name:</b>	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH
<b>Street Address:</b>	200 FIRST ST. SW
<b>City:</b>	ROCHESTER
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55905
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15686034
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)677-0500
<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>	801-677-0700
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<b>ATTORNEY DOCKET NUMBER:</b>	IMDS-56 DIV
<b>NAME OF SUBMITTER:</b>	HAYLEY READ
<b>SIGNATURE:</b>	/Hayley Read/
<b>DATE SIGNED:</b>	08/25/2017
<b>Total Attachments: 7</b> source=IMDS_56_DIV_assignment#page1.tif source=IMDS_56_DIV_assignment#page2.tif source=IMDS_56_DIV_assignment#page3.tif source=IMDS_56_DIV_assignment#page4.tif source=IMDS_56_DIV_assignment#page5.tif source=IMDS_56_DIV_assignment#page6.tif source=IMDS_56_DIV_assignment#page7.tif	

## ASSIGNMENT

Title of Invention: JOINT FUSION INSTRUMENTATION AND METHODS

Application Serial No.: 15/686034

Filing Date: 08/24/2017

Maywood IP Law Docket No.: IMDS-56 DIV

Whereas, the undersigned inventors have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the Application;

Whereas,

- (1) IMDS LLC (together with its subsidiaries, herein collectively referred to as "IMDS"), a Delaware corporation having a place of business at 560 West Golf Course Road, Providence, Utah 84332; and
- (2) Mayo Foundation for Medical Education and Research (herein referred to as "Mayo"), a Minnesota charitable corporation having a place of business at 200 First St. SW, Rochester, Minnesota 55905;

("Assignees"), desire to acquire, and each undersigned inventor desires to grant to Assignees, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto in accordance with the ownership provisions set forth between IMDS and Mayo in that certain Joint Development Agreement effective May 14, 2012, and any Statements of Work or amendments pertaining thereto (the "Agreements").

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to Assignees, their successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the Application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. Each undersigned inventor agrees that, if the data above regarding the Application is incomplete, the missing data may be added hereto after receipt of the same from the United States Patent and Trademark Office.


In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to Assignees, their successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by Assignees, their successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Assignees, their successors, legal representatives, and assigns, whenever requested by Assignees, their successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to Assignees and is unaware of any reason why they may not have the

full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants Assignees, their successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of Utah, and any disputes will be resolved in a Utah state court or federal court sited in Utah.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

(1) Legal Name of Inventor: **Brian Scott Schumacher**

Signature:  Date: 8/9/17

City and State or Foreign Country of Residence: Orlando, FL

(2) Legal Name of Inventor: **Nicholas Slater**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: Chandler, AZ

(3) Legal Name of Inventor: **Björn N. Rindal**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: Chandler, AZ

(4) Legal Name of Inventor: **Navid Mahpeykar**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: Chandler, AZ

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(1) Legal Name of Inventor: Brian Scott Schumacher

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: \_\_\_\_\_ Orlando, FL \_\_\_\_\_

(2) Legal Name of Inventor: Nicholas Slater

Signature: Nicholas Slater Date: 7/25/17

City and State or Foreign Country of Residence: \_\_\_\_\_ Chandler, AZ \_\_\_\_\_

(3) Legal Name of Inventor: Björn N. Rindal

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: \_\_\_\_\_ Chandler, AZ \_\_\_\_\_

(4) Legal Name of Inventor: Navid Mahpeykar

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: \_\_\_\_\_ Chandler, AZ \_\_\_\_\_

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(1) Legal Name of Inventor: **Brian Scott Schumacher**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: Orlando, FL

(2) Legal Name of Inventor: **Nicholas Slater**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: Chandler, AZ

(3) Legal Name of Inventor: **Björn N. Rindal**

Signature:  \_\_\_\_\_ Date: 8/3/2017

City and State or Foreign Country of Residence: Chandler, AZ

(4) Legal Name of Inventor: **Navid Mahpeykar**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: Chandler, AZ

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(1) Legal Name of Inventor: **Brian Scott Schumacher**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: Orlando, FL

(2) Legal Name of Inventor: **Nicholas Slater**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: Chandler, AZ

(3) Legal Name of Inventor: **Björn N. Rindal**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: Chandler, AZ

(4) Legal Name of Inventor: **Navid Mahpeykar**

Signature: Navid Mahpeykar Date: 7,25,2017

City and State or Foreign Country of Residence: Chandler, AZ

(5) Legal Name of Inventor: **William W. Cross III**

Signature: William W Cross III Date: 7/25/2017

City and State or Foreign Country of Residence: Rochester, MN

(6) Legal Name of Inventor: **Sigurd Berven**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: San Francisco, CA



(5) Legal Name of Inventor: William W. Cross III

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City and State or Foreign Country of Residence: \_\_\_\_\_ Rochester, MN \_\_\_\_\_

(6) Legal Name of Inventor: Sigurd Berven

Signature: \_\_\_\_\_  Date: 8/21/17

City and State or Foreign Country of Residence: \_\_\_\_\_ San Francisco, CA \_\_\_\_\_