

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|--|--|-------|--|--------------------------|---------------------------|-------------------------------|------------|-------------------------------|------------|----------------|--------|--------------|-------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>The University of Hawaii</td> <td>12/01/2011</td> </tr> <tr> <td>MCW Research Foundation, Inc.</td> <td>12/01/2011</td> </tr> <tr> <td>UWM Research Foundation, Inc.</td> <td>12/01/2011</td> </tr> </tbody> </table> | | Name | Execution Date | The University of Hawaii | 12/01/2011 | MCW Research Foundation, Inc. | 12/01/2011 | UWM Research Foundation, Inc. | 12/01/2011 | | | | |
| Name | Execution Date | | | | | | | | | | | | |
| The University of Hawaii | 12/01/2011 | | | | | | | | | | | | |
| MCW Research Foundation, Inc. | 12/01/2011 | | | | | | | | | | | | |
| UWM Research Foundation, Inc. | 12/01/2011 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>The Queen's Medical Center</td> </tr> <tr> <td>Street Address:</td> <td>1301 Punchbowl Street</td> </tr> <tr> <td>City:</td> <td>Honolulu</td> </tr> <tr> <td>State/Country:</td> <td>HAWAII</td> </tr> <tr> <td>Postal Code:</td> <td>96813</td> </tr> </table> | | Name: | The Queen's Medical Center | Street Address: | 1301 Punchbowl Street | City: | Honolulu | State/Country: | HAWAII | Postal Code: | 96813 | | |
| Name: | The Queen's Medical Center | | | | | | | | | | | | |
| Street Address: | 1301 Punchbowl Street | | | | | | | | | | | | |
| City: | Honolulu | | | | | | | | | | | | |
| State/Country: | HAWAII | | | | | | | | | | | | |
| Postal Code: | 96813 | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>The University of Hawaii</td> </tr> <tr> <td>Street Address:</td> <td>2800 Woodlawn Drive</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 280</td> </tr> <tr> <td>City:</td> <td>Honolulu</td> </tr> <tr> <td>State/Country:</td> <td>HAWAII</td> </tr> <tr> <td>Postal Code:</td> <td>96822</td> </tr> </table> | | Name: | The University of Hawaii | Street Address: | 2800 Woodlawn Drive | Internal Address: | Suite 280 | City: | Honolulu | State/Country: | HAWAII | Postal Code: | 96822 |
| Name: | The University of Hawaii | | | | | | | | | | | | |
| Street Address: | 2800 Woodlawn Drive | | | | | | | | | | | | |
| Internal Address: | Suite 280 | | | | | | | | | | | | |
| City: | Honolulu | | | | | | | | | | | | |
| State/Country: | HAWAII | | | | | | | | | | | | |
| Postal Code: | 96822 | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>The Medical College of Wisconsin, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>8701 Watertown Plank Road</td> </tr> <tr> <td>City:</td> <td>Milwaukee</td> </tr> <tr> <td>State/Country:</td> <td>WISCONSIN</td> </tr> <tr> <td>Postal Code:</td> <td>53226</td> </tr> </table> | | Name: | The Medical College of Wisconsin, Inc. | Street Address: | 8701 Watertown Plank Road | City: | Milwaukee | State/Country: | WISCONSIN | Postal Code: | 53226 | | |
| Name: | The Medical College of Wisconsin, Inc. | | | | | | | | | | | | |
| Street Address: | 8701 Watertown Plank Road | | | | | | | | | | | | |
| City: | Milwaukee | | | | | | | | | | | | |
| State/Country: | WISCONSIN | | | | | | | | | | | | |
| Postal Code: | 53226 | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>UWM Research Foundation, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1440 East North Avenue</td> </tr> <tr> <td>City:</td> <td>Milwaukee</td> </tr> <tr> <td>State/Country:</td> <td>WISCONSIN</td> </tr> <tr> <td>Postal Code:</td> <td>53202</td> </tr> </table> | | Name: | UWM Research Foundation, Inc. | Street Address: | 1440 East North Avenue | City: | Milwaukee | State/Country: | WISCONSIN | Postal Code: | 53202 | | |
| Name: | UWM Research Foundation, Inc. | | | | | | | | | | | | |
| Street Address: | 1440 East North Avenue | | | | | | | | | | | | |
| City: | Milwaukee | | | | | | | | | | | | |
| State/Country: | WISCONSIN | | | | | | | | | | | | |
| Postal Code: | 53202 | | | | | | | | | | | | |

OP \$40.00 13735907

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13735907 |

CORRESPONDENCE DATA

Fax Number: 9497609502
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 9497600404
Email: efiling@knobbe.com
Correspondent Name: Knobbe Martens Olson & Bear, LLP
Address Line 1: 2040 Main Street
Address Line 2: 14th Floor
Address Line 4: Irvine, CALIFORNIA 92614

| | |
|-------------------------|------------|
| ATTORNEY DOCKET NUMBER: | MRIM.002C6 |
|-------------------------|------------|

| | |
|--------------------|------------------|
| NAME OF SUBMITTER: | Morgan R. Coates |
|--------------------|------------------|

Total Attachments: 12
source=Assignment from Institutions to Institutions-MRIM#page1.tif
source=Assignment from Institutions to Institutions-MRIM#page2.tif
source=Assignment from Institutions to Institutions-MRIM#page3.tif
source=Assignment from Institutions to Institutions-MRIM#page4.tif
source=Assignment from Institutions to Institutions-MRIM#page5.tif
source=Assignment from Institutions to Institutions-MRIM#page6.tif
source=Assignment from Institutions to Institutions-MRIM#page7.tif
source=Assignment from Institutions to Institutions-MRIM#page8.tif
source=Assignment from Institutions to Institutions-MRIM#page9.tif
source=Assignment from Institutions to Institutions-MRIM#page10.tif
source=Assignment from Institutions to Institutions-MRIM#page11.tif
source=Assignment from Institutions to Institutions-MRIM#page12.tif

ASSIGNMENT

IN CONSIDERATION of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. THE UNIVERSITY OF HAWAII, a Hawaii non-profit corporation, with its mailing address at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822,
2. MCW RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 8701 Watertown Plank Road, Milwaukee, Wisconsin 53226, and
3. UWM RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 3230 East Kenwood Boulevard, UWM Alumni House, Milwaukee, Wisconsin 53211 (collectively, the "Assignors"),

do hereby sell, assign and transfer to

1. THE QUEEN'S MEDICAL CENTER, a Hawaii non-profit corporation, with its mailing address at 1301 Punchbowl Street, Honolulu, Hawaii 96813,
2. THE UNIVERSITY OF HAWAII, a Hawaii non-profit corporation, with its mailing address at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822,
3. THE MEDICAL COLLEGE OF WISCONSIN, INC., a Wisconsin non-stock corporation, with its mailing address at 8701 Watertown Plank Road, Milwaukee, Wisconsin 53226, and
4. UWM RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 1440 East North Avenue, Milwaukee, Wisconsin 53202 (collectively, the "Assignees"),

as tenants in common in equal shares, and their respective successors and assigns, all of the Assignors' right, title and interest in and to all inventions relating to **MOTION TRACKING SYSTEM FOR REAL TIME ADAPTIVE IMAGING AND SPECTROSCOPY** (herein the "Invention"), including, without limitation, all inventions disclosed in United States provisional patent application no. 60/802,216 filed May 19, 2006; disclosed or claimed in U.S. non-provisional patent application no. 11/804,417 filed May 18, 2007, International patent application no. PCT/US2007/011899 filed May 18, 2007, and European patent application no. 07 777 148.3 filed October 31, 2008; and disclosed or claimed in any and all applications for Letters Patent based thereon or claiming the priority thereof or otherwise relating to the Invention, including any and all continuations, continuations-in-part, conversions, divisionals and renewals thereof, and in and to any and all reissues or extensions thereof, as well as in and to any and all Letters Patent issuing on any of the aforesaid applications, and applications therefor in any and all countries and regions foreign to the United States of America (including the right to apply for letters patent in foreign countries and regions in the Assignees' names and to claim any priority rights for such foreign

applications to which such applications are entitled under international conventions, treaties or otherwise), to be held and enjoyed as fully and exclusively as they would have been by the Assignors had this assignment and transfer not been made.

And the Assignors do hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the patent offices of all other countries and regions in the world to issue any and all Letters Patent which may be granted upon any of said applications to the Assignees, as the holders of all interests in the Invention.

IN WITNESS WHEREOF, the Assignors and Assignees have executed this Assignment this _____ day of _____, 2011.

THE UNIVERSITY OF HAWAII

By: Daniel M. Ishii
Its: Director of the Office of Technology Transfer and
Economic Development

MCW RESEARCH FOUNDATION, INC.

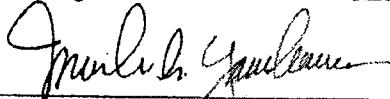
By: Joseph O. Hill
Its: Director

UWM RESEARCH FOUNDATION, INC.

By: Brian D. Thompson
Its: President

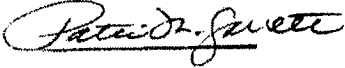
Assignors

THE QUEEN'S MEDICAL CENTER



By: Mark H. Yamakawa
Its: Vice President

Reviewed by Legal:



By: Richard C. Keene
Its: Treasurer

THE UNIVERSITY OF HAWAII

By: Daniel M. Ishii
Its: Director of the Office of Technology Transfer and
Economic Development

**THE MEDICAL COLLEGE OF WISCONSIN,
INC.**

By: Joseph O. Hill
Its: Vice President for Technology Development

UWM RESEARCH FOUNDATION, INC.

By: Brian D. Thompson
Its: President

Assignees

lmanageDB:1810030.1

ASSIGNMENT

IN CONSIDERATION of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. THE UNIVERSITY OF HAWAII, a Hawaii non-profit corporation, with its mailing address at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822,
2. MCW RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 8701 Watertown Plank Road, Milwaukee, Wisconsin 53226, and
3. UWM RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 3230 East Kenwood Boulevard, UWM Alumni House, Milwaukee, Wisconsin 53211 (collectively, the "Assignors"),

do hereby sell, assign and transfer to

1. THE QUEEN'S MEDICAL CENTER, a Hawaii non-profit corporation, with its mailing address at 1301 Punchbowl Street, Honolulu, Hawaii 96813,
2. THE UNIVERSITY OF HAWAII, a Hawaii non-profit corporation, with its mailing address at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822,
3. THE MEDICAL COLLEGE OF WISCONSIN, INC., a Wisconsin non-stock corporation, with its mailing address at 8701 Watertown Plank Road, Milwaukee, Wisconsin 53226, and
4. UWM RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 1440 East North Avenue, Milwaukee, Wisconsin 53202 (collectively, the "Assignees"),

as tenants in common in equal shares, and their respective successors and assigns, all of the Assignors' right, title and interest in and to all inventions relating to **MOTION TRACKING SYSTEM FOR REAL TIME ADAPTIVE IMAGING AND SPECTROSCOPY** (herein the "Invention"), including, without limitation, all inventions disclosed in United States provisional patent application no. 60/802,216 filed May 19, 2006; disclosed or claimed in U.S. non-provisional patent application no. 11/804,417 filed May 18, 2007, International patent application no. PCT/US2007/011899 filed May 18, 2007, and European patent application no. 07 777 148.3 filed October 31, 2008; and disclosed or claimed in any and all applications for Letters Patent based thereon or claiming the priority thereof or otherwise relating to the Invention, including any and all continuations, continuations-in-part, conversions, divisionals and renewals thereof, and in and to any and all reissues or extensions thereof, as well as in and to any and all Letters Patent issuing on any of the aforesaid applications, and applications therefor in any and all countries and regions foreign to the United States of America (including the right to apply for letters patent in foreign countries and regions in the Assignees' names and to claim any priority rights for such foreign

applications to which such applications are entitled under international conventions, treaties or otherwise), to be held and enjoyed as fully and exclusively as they would have been by the Assignors had this assignment and transfer not been made.

And the Assignors do hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the patent offices of all other countries and regions in the world to issue any and all Letters Patent which may be granted upon any of said applications to the Assignees, as the holders of all interests in the Invention.

IN WITNESS WHEREOF, the Assignors and Assignees have executed this Assignment this _____ day of _____, 2011.

THE UNIVERSITY OF HAWAII



By: Daniel M. Ishii
Its: Director of the Office of Technology Transfer and
Economic Development

MCW RESEARCH FOUNDATION, INC.

By: Joseph O. Hill
Its: Director

UWM RESEARCH FOUNDATION, INC.

By: Brian D. Thompson
Its: President


Assignors

THE QUEEN'S MEDICAL CENTER

By: Mark H. Yamakawa
Its: Vice President

By: Richard C. Keene
Its: Treasurer

THE UNIVERSITY OF HAWAII



By: Daniel M. Ishii
Its: Director of the Office of Technology Transfer and
Economic Development

**THE MEDICAL COLLEGE OF WISCONSIN,
INC.**

By: Joseph O. Hill
Its: Vice President for Technology Development

UWM RESEARCH FOUNDATION, INC.

By: Brian D. Thompson
Its: President

Assignees

ImanageDB:1810030.1

ASSIGNMENT

IN CONSIDERATION of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. THE UNIVERSITY OF HAWAII, a Hawaii non-profit corporation, with its mailing address at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822,
2. MCW RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 8701 Watertown Plank Road, Milwaukee, Wisconsin 53226, and
3. UWM RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 3230 East Kenwood Boulevard, UWM Alumni House, Milwaukee, Wisconsin 53211 (collectively, the "Assignors"),

do hereby sell, assign and transfer to

1. THE QUEEN'S MEDICAL CENTER, a Hawaii non-profit corporation, with its mailing address at 1301 Punchbowl Street, Honolulu, Hawaii 96813,
2. THE UNIVERSITY OF HAWAII, a Hawaii non-profit corporation, with its mailing address at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822,
3. THE MEDICAL COLLEGE OF WISCONSIN, INC., a Wisconsin non-stock corporation, with its mailing address at 8701 Watertown Plank Road, Milwaukee, Wisconsin 53226, and
4. UWM RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 1440 East North Avenue, Milwaukee, Wisconsin 53202 (collectively, the "Assignees"),

as tenants in common in equal shares, and their respective successors and assigns, all of the Assignors' right, title and interest in and to all inventions relating to **MOTION TRACKING SYSTEM FOR REAL TIME ADAPTIVE IMAGING AND SPECTROSCOPY** (herein the "Invention"), including, without limitation, all inventions disclosed in United States provisional patent application no. 60/802,216 filed May 19, 2006; disclosed or claimed in U.S. non-provisional patent application no. 11/804,417 filed May 18, 2007, International patent application no. PCT/US2007/011899 filed May 18, 2007, and European patent application no. 07 777 148.3 filed October 31, 2008; and disclosed or claimed in any and all applications for Letters Patent based thereon or claiming the priority thereof or otherwise relating to the Invention, including any and all continuations, continuations-in-part, conversions, divisionals and renewals thereof, and in and to any and all reissues or extensions thereof, as well as in and to any and all Letters Patent issuing on any of the aforesaid applications, and applications therefor in any and all countries and regions foreign to the United States of America (including the right to apply for letters patent in foreign countries and regions in the Assignees' names and to claim any priority rights for such foreign

applications to which such applications are entitled under international conventions, treaties or otherwise), to be held and enjoyed as fully and exclusively as they would have been by the Assignors had this assignment and transfer not been made.


And the Assignors do hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the patent offices of all other countries and regions in the world to issue any and all Letters Patent which may be granted upon any of said applications to the Assignees, as the holders of all interests in the Invention.

IN WITNESS WHEREOF, the Assignors and Assignees have executed this Assignment this _____ day of _____, 2011.

THE UNIVERSITY OF HAWAII

By: Daniel M. Ishii
Its: Director of the Office of Technology Transfer and
Economic Development

MCW RESEARCH FOUNDATION, INC.



By: Joseph O. Hill
Its: Director

UWM RESEARCH FOUNDATION, INC.

By: Brian D. Thompson
Its: President

Assignors

THE QUEEN'S MEDICAL CENTER

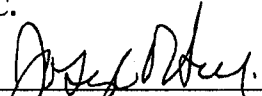
By: Mark H. Yamakawa
Its: Vice President

By: Richard C. Keene
Its: Treasurer

THE UNIVERSITY OF HAWAII

By: Daniel M. Ishii
Its: Director of the Office of Technology Transfer and
Economic Development

**THE MEDICAL COLLEGE OF WISCONSIN,
INC.**



By: Joseph O. Hill
Its: Vice President for Technology Development

UWM RESEARCH FOUNDATION, INC.

By: Brian D. Thompson
Its: President

Assignees

ImanageDB:1810030.1

ASSIGNMENT

IN CONSIDERATION of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. THE UNIVERSITY OF HAWAII, a Hawaii non-profit corporation, with its mailing address at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822,
2. MCW RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 8701 Watertown Plank Road, Milwaukee, Wisconsin 53226, and
3. UWM RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 3230 East Kenwood Boulevard, UWM Alumni House, Milwaukee, Wisconsin 53211 (collectively, the "Assignors"),

do hereby sell, assign and transfer to

1. THE QUEEN'S MEDICAL CENTER, a Hawaii non-profit corporation, with its mailing address at 1301 Punchbowl Street, Honolulu, Hawaii 96813,
2. THE UNIVERSITY OF HAWAII, a Hawaii non-profit corporation, with its mailing address at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822,
3. THE MEDICAL COLLEGE OF WISCONSIN, INC., a Wisconsin non-stock corporation, with its mailing address at 8701 Watertown Plank Road, Milwaukee, Wisconsin 53226, and
4. UWM RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 1440 East North Avenue, Milwaukee, Wisconsin 53202 (collectively, the "Assignees"),

as tenants in common in equal shares, and their respective successors and assigns, all of the Assignors' right, title and interest in and to all inventions relating to **MOTION TRACKING SYSTEM FOR REAL TIME ADAPTIVE IMAGING AND SPECTROSCOPY** (herein the "Invention"), including, without limitation, all inventions disclosed in United States provisional patent application no. 60/802,216 filed May 19, 2006; disclosed or claimed in U.S. non-provisional patent application no. 11/804,417 filed May 18, 2007, International patent application no. PCT/US2007/011899 filed May 18, 2007, and European patent application no. 07 777 148.3 filed October 31, 2008; and disclosed or claimed in any and all applications for Letters Patent based thereon or claiming the priority thereof or otherwise relating to the Invention, including any and all continuations, continuations-in-part, conversions, divisionals and renewals thereof, and in and to any and all reissues or extensions thereof, as well as in and to any and all Letters Patent issuing on any of the aforesaid applications, and applications therefor in any and all countries and regions foreign to the United States of America (including the right to apply for letters patent in foreign countries and regions in the Assignees' names and to claim any priority rights for such foreign

applications to which such applications are entitled under international conventions, treaties or otherwise), to be held and enjoyed as fully and exclusively as they would have been by the Assignors had this assignment and transfer not been made.

And the Assignors do hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the patent offices of all other countries and regions in the world to issue any and all Letters Patent which may be granted upon any of said applications to the Assignees, as the holders of all interests in the Invention.

IN WITNESS WHEREOF, the Assignors and Assignees have executed this Assignment this _____ day of _____, 2011.

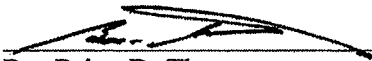
THE UNIVERSITY OF HAWAII

By: Daniel M. Ishii
Its: Director of the Office of Technology Transfer and
Economic Development

MCW RESEARCH FOUNDATION, INC.

By: Joseph O. Hill
Its: Director

UWM RESEARCH FOUNDATION, INC.



By: Brian D. Thompson
Its: President

Assignors

THE QUEEN'S MEDICAL CENTER

By: Mark H. Yamakawa
Its: Vice President

By: Richard C. Keene
Its: Treasurer


THE UNIVERSITY OF HAWAII

By: Daniel M. Ishii
Its: Director of the Office of Technology Transfer and
Economic Development

**THE MEDICAL COLLEGE OF WISCONSIN,
INC.**

By: Joseph O. Hill
Its: Vice President for Technology Development

UWM RESEARCH FOUNDATION, INC.



By: Brian D. Thompson
Its: President

Assignees

lmanageDB:1810030.1