

12/19/2011

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



ET

12-19-11

103638116

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)**

The University of Hawaii, a Hawaii non-profit corporation, MCW Research Foundation, Inc., a Wisconsin non-stock corporation, and UWM Research Foundation Inc., a Wisconsin non-stock corporation.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Execution Date(s) December 1, 2011

- ☒ 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: The Queen's Medical Center, a Hawaii non-profit corporation

Internal Address: \_\_\_\_\_

Street Address: 1301 Punchbowl Street

City: Honolulu

State: Hawaii

Country: USA Zip 96813

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

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No. (s)

B. Patent No. (s)

U.S. provisional patent application no. 60/802,216  
U.S. non-provisional patent application no. 11/804,417  
International patent application no. PCT/US2007/011899

Additional numbers attached? ☒ Yes ☐ No

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

Name: Martin E. Hsia

Internal Address: 12th Floor

Street Address: 1000 Bishop Street

City: Honolulu

State: Hawaii Zip: 96813

Phone Number: (808) 544-3835

Fax Number: (808) 540-5049

Email Address: mhsia@caes.com

**6. Total number of applications and patents involved: 4**

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 160

- ☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affected)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

12/12/11

Date

Martin E. Hsia, 32,471

Name of Person Signing

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

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, V.A. 22313-1450

**PATENT**  
**REEL: 027512 FRAME: 0678**

**Additional names and addresses of receiving parties:**

THE UNIVERSITY OF HAWAII, a Hawaii non-profit corporation, with its mailing address at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822;

THE MEDICAL COLLEGE OF WISCONSIN, INC., a Wisconsin non-stock corporation, with its mailing address at 8701 Watertown Plank Road, Milwaukee, Wisconsin 53226; and

UWM RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 1440 East North Avenue, Milwaukee, Wisconsin 53202.

**Additional patent application number:**

European patent application no. 07 777 148.3

## 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,

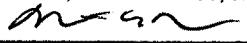
1. THE UNIVERSITY OF HAWAII, a Hawaii non-profit corporation, with its mailing address at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822,
2. MCW RESEARCH FOUNDATION, INC., a Wisconsin non-stock corporation, with its mailing address at 8701 Watertown Plank Road, Milwaukee, Wisconsin 53226, and
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

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

  
Martin E. Hsia

32,471

Date: 12/12/2007 **PATENT**

**REEL: 027512 FRAME: 0680**

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 1st day of December, 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**

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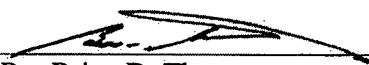
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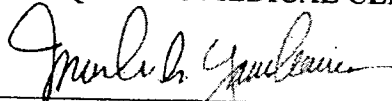
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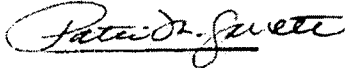
**Assignors**

**THE QUEEN'S MEDICAL CENTER**



By: Mark H. Yamakawa  
Its: Vice President

Reviewed by Legal:



By: Richard C. Keene  
Its: Treasurer

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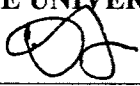
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