

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3332718

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	THOMAS MICHAEL ERNST	04/23/2008
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	THE UNIVERSITY OF HAWAII	
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<b>State/Country:</b>	HAWAII	
<b>Postal Code:</b>	96822	
<b>PROPERTY NUMBERS Total: 2</b>		
	<b>Property Type</b>	<b>Number</b>
	<b>Application Number:</b>	14698350
	<b>Application Number:</b>	14034252
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	MRIM.002C8 / MRIM.002C7	
<b>NAME OF SUBMITTER:</b>	MORGAN COATES	
<b>SIGNATURE:</b>	/Morgan Coates/	
<b>DATE SIGNED:</b>	04/29/2015	
<b>Total Attachments: 1</b>		
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## 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, **THOMAS MICHAEL ERNST**, whose mailing address is 407 Lelekepue Place, Honolulu, Hawaii 96821 (hereinafter the "Assignor"), does hereby agree to sell, assign and transfer to **THE UNIVERSITY OF HAWAII**, a Hawaii non-profit corporation, with its mailing address at 2800 Woodlawn Drive, Suite 280, Honolulu, Hawaii 96822 (herein the "Assignee"), and its 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"), as described and claimed in U.S. application no. 11/804,417 filed May 18, 2007, in International application no. PCT/US2007/011899 filed May 18, 2007, and 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 Assignee's name 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 Assignor does 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 Assignee, as the holder of all interests in the Invention.

23 IN WITNESS WHEREOF, the Assignor have executed this Assignment this day of April, 2008.

T. Ernst  
THOMAS MICHAEL ERNST

Assignor

I hereby certify that this correspondence is being deposited with the United States Postal Service 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

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Date: 7/1/08

**PATENT**