

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>Meng Cui</td> <td>09/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Meng Cui	09/10/2012						
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Howard Hughes Medical Institute</td> </tr> <tr> <td>Street Address:</td> <td>4000 Jones Bridge Road</td> </tr> <tr> <td>City:</td> <td>Chevy Chase</td> </tr> <tr> <td>State/Country:</td> <td>MARYLAND</td> </tr> <tr> <td>Postal Code:</td> <td>20815</td> </tr> </table>		Name:	Howard Hughes Medical Institute	Street Address:	4000 Jones Bridge Road	City:	Chevy Chase	State/Country:	MARYLAND	Postal Code:	20815
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CORRESPONDENCE DATA											
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 4123411298 Email: contact@dmipgroup.com Correspondent Name: Diana DiBerardino Address Line 1: 268 Connecting Rd. Address Line 4: Pittsburgh, PENNSYLVANIA 15228</p>											
ATTORNEY DOCKET NUMBER:	003-016001										
NAME OF SUBMITTER:	Diana DiBerardino										
<p>Total Attachments: 2 source=ExecutedAssignment#page1.tif source=ExecutedAssignment#page2.tif</p>											

OP \$80.00 13548011

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned inventor:

Meng Cui

hereby sell, assign, and transfer to:

Howard Hughes Medical Institute

an organization having a principal place of business at 4000 Jones Bridge Road, Chevy Chase, Maryland 20815-6789, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in:

A. The application for the United States patent entitled:

WAVEFRONT COMPENSATION FOR DEEP TISSUE OPTICAL MICROSCOPY

(I hereby authorize and request my attorney, associated with Customer Number **87241**, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on July 12, 2012 as
United States Application Number 13/548,011 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below, and

B. The application for the United States patent entitled:

**ITERATIVE MULTIPHOTON ADAPTIVE COMPENSATION TECHNIQUE
FOR DEEP TISSUE OPTICAL MICROSCOPY**

(I hereby authorize and request my attorney, associated with Customer Number **87241**, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on July 12, 2011 as
United States Application Number 61/506,886 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all

original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Executed this 10th day of September, 2012 at

Ashburn, Virginia

[Signature]
Signature of Meng Cui

State of Virginia
County of Loudoun

SS:

Sarah-Jane Moorehead 358490
Printed Name/Registration No., if applicable

Before me personally appeared said Meng Cui
and acknowledged the foregoing instrument to be his free act and deed this 10th
day of September, 2012.

Seal

[Signature]

