PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NEIL JUDELL	03/18/2010
ROBERT STEINBRECHER	11/23/2010
JOEL FRIEDMAN	11/18/2010
CHRISTOPHER L PETERSEN	11/18/2010

RECEIVING PARTY DATA

Name:	LIGHTLAB IMAGING, INC.	
Street Address:	ONE TECHNOLOGY PARK DRIVE	
City:	WESTFORD	
State/Country:	MASSACHUSETTS	
Postal Code:	01886	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13780611

CORRESPONDENCE DATA

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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.

Phone: 617-261-3148

Email:mary.higdon@klgates.comCorrespondent Name:JAMES E. FAJKOWSKIAddress Line 1:ONE LINCOLN STREET

Address Line 2: STATE STREET FINANCIAL CENTER
Address Line 4: BOSTON, MASSACHUSETTS 02111-2950

ATTORNEY DOCKET NUMBER:	LLI-016C1	
NAME OF SUBMITTER:	JAMES E. FAJKOWSKI	
SIGNATURE:	/James E. Fajkowski/	
DATE SIGNED:	08/24/2016	

Total Attachments: 4

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> PATENT REEL: 039516 FRAME: 0497

Attorney Docket No. LLI-016

ASSIGNMENT

WHEREAS, We, Neil Judell, Robert Steinbrecher, Joel Friedman, and Christopher L. Petersen have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

Apparatus, Systems, and Methods of in-vivo Blood Clearing in a Lumen

and identified by

Attorney Docket No. LLI-016, and/or executed by us on even date herewith and about to be filed in the U.S. Patent and Trademark Patent Office; and

Application No. 12/888,355 filed in the U.S. Patent and Trademark Office on September 22, 2010; and

WHEREAS, LightLab Imaging, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at One Technology Park Drive, Westford, Massachusetts 01886, desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, at least as early as the filing date of said application, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application, and such Letters Patent that may issue thereon and applications that claim priority thereto under United States law or international convention, and such Letters Patent that may issue thereon, including but not limited to non-U.S., international, nonprovisional, continuation, divisional, reissue, reexamination, extension, and substitution applications of said application and such Letters Patent, and any right, title and interest we may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of our entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of papers for filing of non-

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Joint Assignment U.S. Serial No.: 61/244,985 Page 2 of 4

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, we hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of our execution of this assignment;

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals on the date(s) set forth below.

Inventor: Meil Judell

Commonwealth of Massachusetts)
County of M(dd#5#×) ss 2.00

On this 18 day of MOCO, 2609, before me, the undersigned Notary Public, personally appeared Neil Judell, proved to me through satisfactory evidence of identification, which was/were MA drives how to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Signature of Notary

My Commission Expires: 9/10/2015.



(Seal)

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	Robert Steinbrecher
Commonwealth of Massachusetts) County of Middleyx) ss	
personally appeared Robert Steinbrecher, providentification, which was/were	, to be the person whose name is
Commonwealth of Massachusetts	Inventor: Joel Friedman
Commonwealth of Massachusetts) County of Missoure) ss	
On this day of North 201 personally appeared Joel Friedman, proved to rewhich was/were drivers license, preceding or attached document, and who sword document are truthful and accurate to the best of	e or affirmed to me that the contents of the
Signature of Notary	(Seal)
My Commission Expires: 10/6/11	JON C. TRACHTENBERG Notary Public Commonwealth of Massachusetts My Commission Expires October 6, 2011

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Inventor:

Christopher L. Petersen

Commonwealth of Massachusetts)
County of Missier) ss

On this day of _______, 2010, before me, the undersigned Notary Public, personally appeared Christopher L. Petersen, proved to me through satisfactory evidence of identification, which was/were ________, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Signature of Notary

My Commission Expires: 10/6/11

(Seal)

JON C. TRACHTENBERG
Notary Public
Commonwealth of Massachusetts
My Commission Expires
October 6, 2011

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RECORDED: 08/24/2016