PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DESMOND ADLER	05/17/2010
STEPHEN MCCARTIN	05/17/2010
CHRISTOPHER PETERSEN	05/17/2010
JOSEPH SCHMITT	05/17/2010

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:	15198581

CORRESPONDENCE DATA

Fax Number: (617)261-3175

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: 617-261-3189

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-019C3	
NAME OF SUBMITTER:	JAMES E. FAJKOWSKI	
SIGNATURE:	/James E. Fajkowski/	
DATE SIGNED:	08/29/2016	

Total Attachments: 4

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> PATENT REEL: 039561 FRAME: 0934

ASSIGNMENT

WHEREAS, We, Desmond Adler, Stephen McCartin, Christopher Petersen, and Joseph Schmitt have invented one or more inventions described in an application for Letters Patent of the United States entitled:

MINIATURE OPTICAL ELEMENTS FOR FIBER-OPTIC BEAM SHAPING

and identified by

Attorney Docket No. LLI-019, and/or executed by us on even date herewith and about to be filed in the U.S. Patent and Trademark Patent Office; and

Serial No. 12/765,501 filed in the U.S. Patent and Trademark Office on April 22, 2010; and

WHEREAS, LightLab Imaging, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, 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 by these presents 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 as may issue thereon or claim priority under United States law or international convention, including but not limited to nonprovisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or 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;

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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.

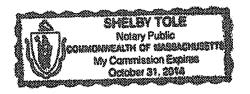
Commonwealth of Massachusetts)
County of Middlesee) ss

On this 17 day of May, 2010, before me, the undersigned Notary Public, personally appeared Desmond Adler, proved to me through satisfactory evidence of identification, which was/were Drivers License, 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

(Seal)

My Commission Expires: 10/3//2014



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	Inventor:	Stephen McCarfu Stephen McCartin
Commonwealth of Massachusetts) County of Middlesex) ss		
On this 17 day of May, 201 personally appeared Stephen McCartin, proved identification, which was/were Drivers Lieu signed on the preceding or attached document, contents of the document are truthful and accument.	to me throu no and who swe	gh satisfactory evidence of _, to be the person whose name is ore or affirmed to me that the
Shully Sale Signature of Notary		(Seal)
My Commission Expires: 10/31/2014		SHELBY TOLE Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires October 31, 2014
	Inventor:	Christopher Petersen
Commonwealth of Massachusetts) County of Middlesess) ss		
On this 17 day of May, 201 personally appeared Christopher Petersen, project identification, which was/were Drivers Lieu signed on the preceding or attached document, contents of the document are truthful and accurate.	ved to me thr and who swo	ough satisfactory evidence of to be the person whose name is ore or affirmed to me that the
Signature of Notary		(Seal)
My Commission Expires: 10/31/2014		SHELEY YOUR Notery Public Notery Public Commonwealth or Invessionsetts My Commission Expres October 31, 2018

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Inventor: An M. S. Market Schmitt

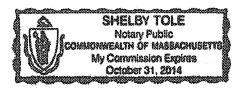
Commonwealth of Massachusetts) County of Middle ex ss

On this 17 day of May, 2010, before me, the undersigned Notary Public, personally appeared Joseph Schmitt, proved to me through satisfactory evidence of identification, which was/were <u>Drives Cicense</u>, 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.

Melly Jeole Signature of Notary

(Seal)

My Commission Expires: 10/3//2014



PATENT REEL: 039561 FRAME: 0938

RECORDED: 08/29/2016