

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4171293

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANANT CHIMMALGI	09/29/2016
SEBAEK OH	10/03/2016
JOSHUA WITTENBERG	11/30/2016
LAUREN WILSON	11/11/2016
RAHUL YADAV	09/29/2016
ILYA BEZEL	10/19/2016
MICHAEL NAVONE	11/30/2016
ANATOLY SHCHEMELININ	09/29/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KLA-TENCOR CORPORATION
<b>Street Address:</b>	ONE TECHNOLOGY DRIVE
<b>City:</b>	MILPITAS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15274956
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(402)496-0333
<i>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.</i>	
<b>Phone:</b>	402.496.0300
<b>Email:</b>	file@suiter.com
<b>Correspondent Name:</b>	SUITER SWANTZ/KLA JOINT CUSTOMER NUMBER
<b>Address Line 1:</b>	14301 FNB PARKWAY
<b>Address Line 2:</b>	SUITE 220
<b>Address Line 4:</b>	OMAHA, NEBRASKA 68154-5299
<b>ATTORNEY DOCKET NUMBER:</b>	KLA P4803
<b>NAME OF SUBMITTER:</b>	MATTHEW A. POULSEN
<b>SIGNATURE:</b>	/matthew a poulsen/

PATENT

<b>DATE SIGNED:</b>	12/06/2016
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**Total Attachments: 10**

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- source=P4803\_Assignment#page10.tif

Please return signed/Recorded to:

**CUSTOMER No. 78238**

Sean Patrick Suiter

SUITER • SWANTZ PC LLO

14301 FNB Parkway, Suite 220

Omaha, NE 68154-5299

**ASSIGNMENT OF U.S. PATENT APPLICATION  
(sole or joint inventor(s))**

WHEREAS, the undersigned, to wit:

- 1) Anant Chimmalgi
- 2) Sebaek Oh
- 3) Joshua Wittenberg
- 4) Lauren Wilson
- 5) Rahul Yadav
- 6) Ilya Bezel
- 7) Michael Navone
- 8) Anatoly Shchemelinin

(hereinafter collectively ASSIGNOR), have made application for United States Letters Patent

(a) \_\_\_\_\_ which was executed and is being filed herewith in the United States Patent and Trademark Office, titled SYSTEM AND METHOD FOR LASER-SUSTAINED PLASMA ILLUMINATION

(b) \_\_\_\_\_ which was filed on \_\_\_\_\_ and titled \_\_\_\_\_

(c)  X  which was filed on September 23, 2016 and known as Appln. No. 15/274,956, titled SYSTEM AND METHOD FOR LASER-SUSTAINED PLASMA ILLUMINATION

AND WHEREAS, KLA-Tencor Corporation (hereinafter ASSIGNEE), organized and existing under the laws of Delaware, and having its principal place of business at One Technology Drive, Milpitas, CA 95035, is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives its entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting

therefrom, insofar as ASSIGNOR's interest is concerned, to the said ASSIGNEE of ASSIGNOR's entire right, title and interest.

ASSIGNOR also hereby sells and assigns to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR hereby further agrees to communicate with said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

ASSIGNOR hereby grant(s) the firm of SUITER • SWANTZ PC LLO or its agents the power to insert on this assignment any further identification, including but not limited to application number(s) and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

Anant Chimmalgi  
First Inventor's Signature

09/29/2016  
DATE

Anant Chimmalgi  
Inventor's Printed Name

Witness Signature: John Tumbleston

Witness Printed Name: John Tumbleston

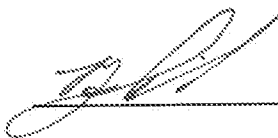
Witness Address: 312 Chestnut St.  
Redwood City, CA 94063

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

  
\_\_\_\_\_  
Second Inventor's Signature

10/03/2016  
DATE

Sebaek Oh  
Inventor's Printed Name

Witness Signature:   
\_\_\_\_\_

Witness Printed Name: Byron Cocilovo

Witness Address: 500 Race St Apt 5204  
San Jose, CA 95126

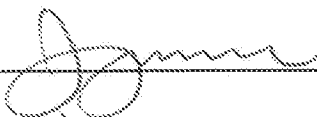
IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

  
\_\_\_\_\_  
Third Inventor's Signature

11/30/2016  
\_\_\_\_\_  
DATE

Joshua Wittenberg  
\_\_\_\_\_  
Inventor's Printed Name

Witness Signature:

  
\_\_\_\_\_

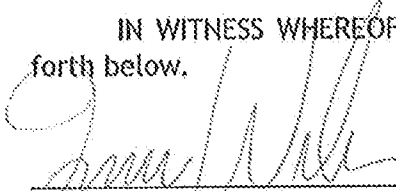
Witness Printed Name:

JIMMY NGUYEN  
\_\_\_\_\_

Witness Address:

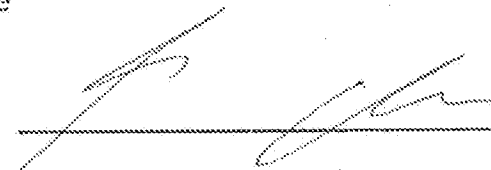
2 Technology Dr.  
Milpitas, CA 95035  
\_\_\_\_\_

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

  
\_\_\_\_\_  
Fourth Inventor's Signature

11/11/16  
\_\_\_\_\_  
DATE

Lauren Wilson  
\_\_\_\_\_  
Inventor's Printed Name

Witness Signature:   
\_\_\_\_\_  
Witness Printed Name: Stephen Taylor  
\_\_\_\_\_  
Witness Address: 556 S. 5<sup>th</sup> St. #16  
\_\_\_\_\_  
San Jose, CA 95112  
\_\_\_\_\_



IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

*Rahul*  
Fifth Inventor's Signature

09/29/2016  
DATE

Rahul Yadav  
Inventor's Printed Name

Witness Signature: *Sumeet Kumar*

Witness Printed Name: SUMEET KUMAR

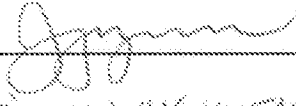
Witness Address: 247 N CAPITOL AVENUE UNIT 226  
SAN JOSE, CA 95127

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

  
\_\_\_\_\_  
Sixth Inventor's Signature

10/19/16  
\_\_\_\_\_  
DATE

Ilya Bezel  
\_\_\_\_\_  
Inventor's Printed Name

Witness Signature:   
\_\_\_\_\_

Witness Printed Name: JIMMY NGUYEN  
\_\_\_\_\_

Witness Address: 2 Technology Dr.  
Milpitas, CA 95035  
\_\_\_\_\_

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.



Seventh Inventor's Signature

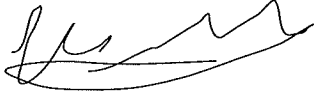
30 NOVEMBER 2016

DATE

Michael Navone  
Inventor's Printed Name

Witness Signature: \_\_\_\_\_  
Witness Printed Name: \_\_\_\_\_  
Witness Address: \_\_\_\_\_  
\_\_\_\_\_

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.



\_\_\_\_\_  
Eighth Inventor's Signature

09/29/2016  
DATE

Anatoly Shchemelinin  
Inventor's Printed Name

Witness Signature: Max Shchemelinin

Witness Printed Name: Max Shchemelinin

Witness Address: 1544 Hunters way, Bozeman MT 59718