#### 504688952 12/14/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4735674

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YUNG-HO ALEX CHUANG	10/05/2016
XIAOXU LU	10/05/2016
JUSTIN LIOU	10/05/2016
JOHN FIELDEN	10/05/2016

## **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15842540

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DATE SIGNED:	12/14/2017

**Total Attachments: 6** 

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> **PATENT** REEL: 044401 FRAME: 0897 504688952

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PATENT REEL: 044401 FRAME: 0898 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) Yung-Ho Alex Chuang
- 2) Xiaoxu Lu
- 3) Justin Liou
- 4) John Fielden

(hereinafte	r 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 HIGH BRIGHTNESS LASER-SUSTAINED PLASMA
	BROADBAND SOURCE
(b)	which was filed on and titled
(c) <u>X</u>	which was filed on October 4, 2016 and known as Appln. No. 15/285,333, titled
	HIGH BRIGHTNESS LASER-SUSTAINED PLASMA BROADBAND SOURCE

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

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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.

April Cery

Oct. 5, 2015 DATE

First Inventor's Signature

Yung-Ho Alex Chuang

Inventor's Printed Name

Witness Signature:

Witness Printed Name: Witness Address:

Marcel Trimpl 175 Baypointe Pkuy 95134 San Jave CA

forth below.		
<u> </u>		
Second Inventor's Signature	DATE	
Xiaoxu Lu	»	
Inventor's Printed Name		
Witness Signature:	Bagay Zhy	
Witness Printed Name: Witness Address:	Baigang Zhong	
	1126 Kenmer Ct, San Jose , CA 95132	
	Sag Jose, CA 75132	

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

Third Inventor's Signature

Justin Liou
Inventor's Printed Name

Witness Signature:

San Jose, CA 95/32

forth below.

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

forth below.	
Fourth Inventor's Signature	October 5, 2016  DATE
John Fielden Inventor's Printed Name	
Witness Signature:	Bargery Thy
Witness Printed Name:	Baigang Zhang
Witness Address:	1126 Kenmar Ct,
	San Jose . CA 95132

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