PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUNG-HO ALEX CHUANG	08/04/2016
YINYING XIAO-LI	08/30/2016
XUEFENG LIU	08/04/2016
JOHN FIELDEN	08/04/2016

RECEIVING PARTY DATA

Name:	KLA-TENCOR CORPORATION
Street Address:	ONE TECHNOLOGY DRIVE
City:	MILPITAS
State/Country:	CALIFORNIA
Postal Code:	95035

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	62205287
Application Number:	15234638

CORRESPONDENCE DATA

Fax Number: (716)849-0349

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.

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Correspondent Name: NICOLE KRAMER
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	078697.00023 (P4874)
NAME OF SUBMITTER:	NICOLE L. KRAMER
SIGNATURE:	/nicole I kramer/
DATE SIGNED:	08/30/2016

Total Attachments: 3

PATENT REEL: 039589 FRAME: 0105

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PATENT REEL: 039589 FRAME: 0106

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, Yung-Ho Alex Chuang, residing at 10734 South Stelling Road, Cupertino, California 95014; Yinying Xiao-Li, residing at 1278 Royal Crest Drive, San Jose, California 95131; Xuefeng Liu, residing at 1092 Prouty Way, San Jose, California 95129; and John Fielden, residing at 2020 Victoria Court, Los Altos, California 94024; the undersigned

Hereby sell, assign, and transfer to KLA-Tencor Corporation, having a place of business at One Technology Drive, Milpitas, California 95035, 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 inventions disclosed in the following patent applications:

Country	Patent Application No.	Filing Date	Title
US	62/205,287	August 14, 2015	Electron Source

And in and to said applications and all applications that claim priority to any of the aforementioned applications including all divisional, continuation, reissue, and continuation-in-part applications, or national or regional phase applications thereof, which have been or shall be filed in the United States and all foreign countries on any of said inventions; all rights of priority to any of the aforementioned applications; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions;

Agree that said Assignee may apply for and receive Patents for said inventions in its own name; and agree that, when requested, shall execute all rightful oaths or declarations, assignments, powers of attorney, and other papers and generally do everything possible which

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said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing, maintaining, and enforcing proper patent protection for said inventions; 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.

Date: Aug. 4, 2016	Yung-Ho Alex Chuang
Date:	Yinying Xiao-Li
Date: Aug. 4, 2016	Xuefeng Lju
Date: August 4 2016	John Fieldon

John Fielden

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said Assignee, its successors, assigns, or representatives shall consider desirable for aiding in securing, maintaining, and enforcing proper patent protection for said inventions; and

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Date:	Yung-Ho Alex Chuang
Date: 08 30 2016	Yinying Xiao-Li
Date:	Xuefeng Liu
Date:	John Fielden

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