

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xinrong JIANG</td> <td>09/13/2012</td> </tr> <tr> <td>Liqun HAN</td> <td>09/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	Xinrong JIANG	09/13/2012	Liqun HAN	09/13/2012
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Xinrong JIANG	09/13/2012						
Liqun HAN	09/13/2012						
RECEIVING PARTY DATA							
Name:	KLA-TENCOR CORPORATION						
Street Address:	1 Technology Drive						
City:	Milpitas						
State/Country:	CALIFORNIA						
Postal Code:	95035						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13618760</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13618760		
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Application Number:	13618760						
CORRESPONDENCE DATA							
Fax Number:	4084362114						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Email:	jjina@OBLLP.com						
Correspondent Name:	OKAMOTO & BENEDICTO LLP						
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ATTORNEY DOCKET NUMBER:	10011.012500 (P3890)						
NAME OF SUBMITTER:	JAMES K. OKAMOTO						
Total Attachments: 3 source=P3890_Assignment#page1.tif source=P3890_Assignment#page2.tif source=P3890_Assignment#page3.tif							

OP \$40.00 13618760

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred herein as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **KLA-Tencor Corporation**, a Delaware corporation, having a place of business at **1 Technology Drive, Milpitas, California 95035**, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) ("APPLICATION"), entitled "**DUAL-LENS-GUN ELECTRON BEAM APPARATUS AND METHODS FOR HIGH-RESOLUTION IMAGING WITH BOTH HIGH AND LOW BEAM CURRENTS**" and with the following particulars:

Filing Date: September 14, 2012 Attorney Docket No.: 10011.012500 (P3890)

Application No.: 13/618,760

2. The entire worldwide right, title, and interest in and to:  
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;  
(c) all divisional, provisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted or have been granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in and to the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all assignments, oaths, powers of attorney, applications, and other papers (and/or documents) necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR further authorizes and directs the attorneys of record to insert in this document the serial number and filing date of the APPLICATION, identified by the attorney docket number and title set forth above, as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Title of Document: ASSIGNMENT

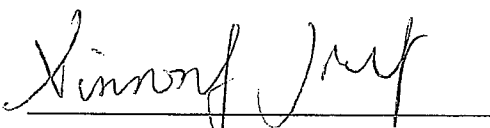
Re: DUAL-LENS-GUN ELECTRON BEAM APPARATUS AND METHODS FOR HIGH-RESOLUTION IMAGING WITH BOTH HIGH AND LOW BEAM CURRENTS

Serial No.:

Filing Date:

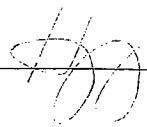
Atty. Docket No.: 10011.012500 (P3890)

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
 Xinrong JIANG	09/13/2012	09/13/2012

BEFORE ME, the undersigned witness, on this \_\_\_\_\_ day of \_\_\_\_\_, 2012, personally appeared Xinrong Jiang, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature:



Witness's Printed Name:

Nikolai Chubun

Witness's Address:

2825 McAndrew Ct  
San Jose CA 95121

Title of Document: ASSIGNMENT

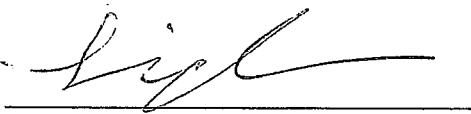
Re:

Title: DUAL-LENS-GUN ELECTRON BEAM APPARATUS AND METHODS FOR HIGH-RESOLUTION IMAGING WITH BOTH HIGH AND LOW BEAM CURRENTS

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<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
	9/13/2012	9/13/2012
Liqun HAN		

BEFORE ME, the undersigned witness, on this \_\_\_\_\_ day of \_\_\_\_\_, 2012, personally appeared Liqun Han, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature: 

Witness's Printed Name: Nikolai Chubarev

Witness's Address: 2825 McAndrew Ct  
San Jose CA 95121