

## 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>Scott A. Young</td> <td>06/14/2012</td> </tr> <tr> <td>Guoheng Zhao</td> <td>06/18/2012</td> </tr> <tr> <td>NanChang Zhu</td> <td>06/21/2012</td> </tr> <tr> <td>Neeraj Khanna</td> <td>06/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Scott A. Young	06/14/2012	Guoheng Zhao	06/18/2012	NanChang Zhu	06/21/2012	Neeraj Khanna	06/22/2012
Name	Execution Date										
Scott A. Young	06/14/2012										
Guoheng Zhao	06/18/2012										
NanChang Zhu	06/21/2012										
Neeraj Khanna	06/22/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>KLA-Tencor Corporation</td> </tr> <tr> <td>Street Address:</td> <td>One Technology Drive</td> </tr> <tr> <td>City:</td> <td>Milpitas</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95035</td> </tr> </table>		Name:	KLA-Tencor Corporation	Street Address:	One Technology Drive	City:	Milpitas	State/Country:	CALIFORNIA	Postal Code:	95035
Name:	KLA-Tencor Corporation										
Street Address:	One 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>13533360</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13533360						
Property Type	Number										
Application Number:	13533360										
CORRESPONDENCE DATA											
<p>Fax Number: (402)496-0333</p> <p>Phone: 402.496.0300</p> <p>Email: file@suiter.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Suiter Swantz/KLA Joint Customer Number</p> <p>Address Line 1: 14301 FNB Parkway</p> <p>Address Line 2: Suite 220</p> <p>Address Line 4: Omaha, NEBRASKA 68154-5299</p>											
ATTORNEY DOCKET NUMBER:	P3785										
NAME OF SUBMITTER:	Shane R. Thielen										

CH \$40.00 13533360

Total Attachments: 6

source=P3785\_Assignment#page1.tif

source=P3785\_Assignment#page2.tif

source=P3785\_Assignment#page3.tif

source=P3785\_Assignment#page4.tif

source=P3785\_Assignment#page5.tif

source=P3785\_Assignment#page6.tif

**PATENT**

**REEL: 028445 FRAME: 0519**

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) Scott A. Young
- 2) Guoheng Zhao
- 3) Zhu NanChang
- 4) Neeraj Khanna

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

(a)   X   which was executed and is being filed herewith in the United States Patent and Trademark Office, titled **COMBINED SEMICONDUCTOR METROLOGY SYSTEM**.

(b)        which was filed on        and titled       

(c)        which was filed on        and known as Appln. No.       , titled       

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.

First named inventor

Name: Scott A. Young Date: 6/14/12

Witness Signature:

Witness Printed Name:

Witness Address:

M. Roulo  
MARR ROULO  
115 Chetwood Dr.  
MOUNTAIN VIEW, CA 94043  
USA

Second named inventor

Name: \_\_\_\_\_

Guoheng Zhao

Date: \_\_\_\_\_

6/18/2012

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

Witness Printed Name: \_\_\_\_\_

Witness Address: \_\_\_\_\_

SHENG, LIU

1648 Sedona Terrace

San Jose, CA 95116

Third named inventor

Name: Nanchang Zhu Date: 21/06/2012  
Zhu NanChang

Witness Signature:

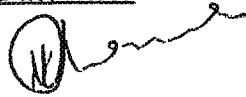
Witness Printed Name:

Witness Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Fourth named inventor

Name: \_\_\_\_\_



Date: \_\_\_\_\_

06/22/12

Neeraj Khanna

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

Witness Printed Name: \_\_\_\_\_

Witness Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_