

PATENT ASSIGNMENT

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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>Xuefeng Liu</td> <td>04/05/2013</td> </tr> <tr> <td>Yung-Ho Alex Chuang</td> <td>04/05/2013</td> </tr> <tr> <td>John Fielden</td> <td>04/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	Xuefeng Liu	04/05/2013	Yung-Ho Alex Chuang	04/05/2013	John Fielden	04/05/2013		
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<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
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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>13734506</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13734506						
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CORRESPONDENCE DATA											
<p>Fax Number: 4024960333 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 402.496.0300 Email: file@suiter.com Correspondent Name: Suiter Swantz/KLA Joint Customer Number Address Line 1: 14301 FNB Parkway Address Line 2: Suite 220 Address Line 4: Omaha, NEBRASKA 68154-5299</p>											
ATTORNEY DOCKET NUMBER:	P3754										
NAME OF SUBMITTER:	Chad W. Swantz										
Signature:	/chad w swantz/										

Date:

05/06/2013

Total Attachments: 5

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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) Xuefeng Liu
- 2) Yung-Ho Alex Chuang
- 3) John Fielden

(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
- (b) _____ which was filed on _____ and titled _____
- (c) X which was filed on January 4, 2013 and known as Appln. No. 13/734,506, titled METHOD AND SYSTEM FOR DETERMINING ONE OR MORE OPTICAL CHARACTERISTICS OF STRUCTURE OF A SEMICONDUCTOR WAFER

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.

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First named inventor

Name: Xuefeng Liu Date: 04/05/2013

Witness Signature:

Witness Printed Name:

Witness Address:

Yujun Deng
1712 Fan St.
San Jose CA 95131

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Second named inventor

Name: Yung-Ho Alex Chuang Date: Apr. 5, 2013
Yung-Ho Alex Chuang

Witness Signature:

Witness Printed Name:

Witness Address:

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Yujun Deng
1712 Fan St.
San Jose CA 95131

Docket No.: KLA P3754

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Third named inventor

Name: John Fielden Date: APRIL 5, 2013
John Fielden

Witness Signature:

Witness Printed Name:

Witness Address:

[Signature]
Yujun Deng
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San Jose, CA 95131