

PATENT ASSIGNMENT COVER SHEET

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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>CHRISTIAN WOLTERS</td> <td>10/01/2013</td> </tr> <tr> <td>XHIWEI (STEVE) XU</td> <td>10/01/2013</td> </tr> <tr> <td>JUERGEN REICH</td> <td>10/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	CHRISTIAN WOLTERS	10/01/2013	XHIWEI (STEVE) XU	10/01/2013	JUERGEN REICH	10/01/2013
Name	Execution Date								
CHRISTIAN WOLTERS	10/01/2013								
XHIWEI (STEVE) XU	10/01/2013								
JUERGEN REICH	10/01/2013								
RECEIVING PARTY DATA									
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>14036360</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14036360				
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Application Number:	14036360								
CORRESPONDENCE DATA									
Fax Number:									
Phone:	6503070332								
Email:	isabelle@spanolawgroup.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	KLA-019 (P3991)								
NAME OF SUBMITTER:	JOSEPH S. SPANO								
Signature:	/Joseph S. Spano/								
Date:	11/21/2013								
Total Attachments: 1 source=KLA-019-P3991-Assignment-as-recorded#page1.tif									

OP \$40.00 14036360

PATENT

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, Christian Wolters, 5073 Shady Avenue, San Jose, California 95129; Zhiwei (Steve) Xu, 1780 Laurentian Way, Sunnyvale, California 94087; and Juergen Reich, 2221 Wren Way Campbell, California 95008, (hereinafter referred to as ASSIGNORS), having post office addresses that follow our names, are the joint inventors of the invention described and claimed in the specification forming part of the United States patent application entitled "Inspection Beam Shaping For Improved Detection Sensitivity," which was filed on September 25, 2013, and now has U.S. Application Ser. No. 14/036,360;

WHEREAS, KLA-Tencor Corporation, (hereafter referred to as ASSIGNEE), a corporation organized under the laws of Delaware and having a place of business at One Technology Drive, Milpitas, California 95035, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patents that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEE, its successors and assigns, the entire right, title, and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE, its successors and assigns, and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE, its successors and assigns. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

IN WITNESS WHEREOF, We have hereunto signed our names on the day and year set forth below.


Inventor's Signature

Christian Wolters
Inventor's Printed Name

10/1/2017
Date


Inventor's Signature

Zhiwei (Steve) Xu
Inventor's Printed Name

10/1/2013
Date


Inventor's Signature

Juergen Reich
Inventor's Printed Name

10/1/2013
Date