

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>Hidong Kwak</td> <td>07/06/2012</td> </tr> <tr> <td>Ward Dixon</td> <td>08/22/2012</td> </tr> <tr> <td>Leonid Poslavsky</td> <td>07/06/2012</td> </tr> <tr> <td>Torsten R. Kaack</td> <td>07/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hidong Kwak	07/06/2012	Ward Dixon	08/22/2012	Leonid Poslavsky	07/06/2012	Torsten R. Kaack	07/06/2012
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Hidong Kwak	07/06/2012										
Ward Dixon	08/22/2012										
Leonid Poslavsky	07/06/2012										
Torsten R. Kaack	07/06/2012										
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>13541176</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13541176						
Property Type	Number										
Application Number:	13541176										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Miao Liu										

CH \$40.00 13541176

Total Attachments: 6

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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) Hidong Kwak
- 2) Ward Dixon
- 3) Leonid Poslavsky
- 4) Torsten R. Kaack

(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, titled _____
- (b) _____ which was filed on _____ and titled _____
- (c) X which was filed on July 3, 2012 and known as Appln. No. 13/541,176, titled MULTI-ANALYZER ANGLE SPECTROSCOPIC ELLIPSOMETRY.

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 PCLLO 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

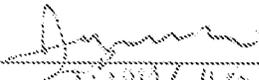
Name: 
Hiding Kwak

Date: 7/6/12

Witness Signature:

Witness Printed Name:

Witness Address:


JIMMY NGUYEN
7 Technology Dr.
WPK, CA 95355
USA

Second named inventor

Name: Ward R. Dixon Date: 8/22/2012
Ward Dixon

Witness Signature: [Signature]
Witness Printed Name: JIMMY HOWARD
Witness Address: 1 Technology Dr.
Waltham, MA 02455
USA

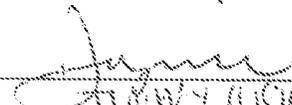
Third named inventor

Name:  Date: 7/9/2000
Leonid Poslavsky

Witness Signature:

Witness Printed Name:

Witness Address:


JERRY TUGNER
2 Technology Dr
WPS, OH 43081
USA

Fourth named inventor

Name: Torsten R Kaack Date: July 6, 2012
Torsten R. Kaack

Witness Signature:

Witness Printed Name:

Witness Address:

Jaymin
STEVEN WAGNER
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USA