

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| HIDONG KWAK | 05/15/2014 |
| JOHN LESOINE | 05/15/2014 |
| MALIK SADIQ | 05/15/2014 |
| LANHUA WEI | 05/15/2014 |
| SHANKAR KRISHNAN | 05/15/2014 |
| LEONID POSLAVSKY | 05/15/2014 |
| MIKHAIL M. SUSHCHIK | 05/15/2014 |
| RECEIVING PARTY DATA | |
| Name: | KLA-TENCOR CORPORATION |
| Street Address: | ONE TECHNOLOGY DRIVE |
| City: | MILPITAS |
| State/Country: | CALIFORNIA |
| Postal Code: | 95035 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14277898 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | 6503070332 |
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| Correspondent Name: | JOSEPH S SPANO |
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| Address Line 4: | BURLINGAME, CALIFORNIA 94010 |
| ATTORNEY DOCKET NUMBER: | KLA-037 (P4177) |
| NAME OF SUBMITTER: | JOSEPH S. SPANO |
| SIGNATURE: | /Joseph S. Spano/ |
| DATE SIGNED: | 09/10/2014 |
| Total Attachments: 2 | |

PATENT

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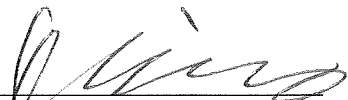
ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, Hidong Kwak, 2412 Denevi Drive, San Jose, California 95130; John Lesoine, 350 River Oaks Parkway #1424, San Jose, California 95134; Malik Sadiq, 2020 Solveig Drive, Walnut Creek, California 94596; Lanhua Wei, 3522 Langdon Common, Fremont, California 94583; Shankar Krishnan, 2022 Gammell Brown Place, Santa Clara, California 95050; Leonid Poslavsky, 2636 Monte Cresta Drive, Belmont, California 94002; and Mikhail M. Sushchik, 3014 Tonopah Circle, Pleasanton, California 94588 (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 "Metrology System Calibration Refinement," which was filed on May 15, 2014, and now has U.S. Application Ser. No. 14/277,898;

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

Hidong Kwak
Inventor's Printed Name

5/15/2014
Date

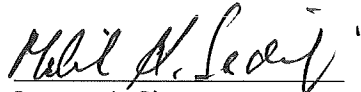


Inventor's Signature

John Lesoine
Inventor's Printed Name


5/15/2014
Date

Assignment of application entitled: "Metrology System Calibration Refinement"
Docket Number: KLA-037 (P4177)


Inventor's Signature

Malik Sadiq
Inventor's Printed Name

5/15/2014
Date


Inventor's Signature

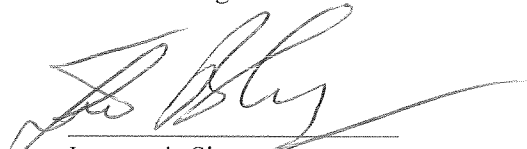
Lanhua Wei
Inventor's Printed Name

5/15/2014
Date


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5/15/2014
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Leonid Poslavsky
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Mikhail M. Sushchik
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