

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CRAIG W MACNAUGHTON	05/18/2012
JAYDEEP K SINHA	05/18/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KLA-TENCOR CORPORATION
<b>Street Address:</b>	1 TECHNOLOGY DRIVE
<b>City:</b>	MILPITAS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13475402
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(510)668-0239
<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>	
<b>Phone:</b>	510-668-0965
<b>Email:</b>	jessica@jdipatent.com
<b>Correspondent Name:</b>	JOSHUA D. ISENBERG
<b>Address Line 1:</b>	809 CORPORATE WAY
<b>Address Line 4:</b>	FREMONT, CALIFORNIA 94539
<b>ATTORNEY DOCKET NUMBER:</b>	KLA-P3744/US
<b>NAME OF SUBMITTER:</b>	JOSHUA D. ISENBERG
<b>SIGNATURE:</b>	/Joshua D. Isenberg, Reg. No. 41088/
<b>DATE SIGNED:</b>	11/04/2016
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

THIS ASSIGNMENT, by **CRAIG W. MACNAUGHTON** and **JAYDEEP K. SINHA** and (hereinafter referred to as the Assignors), residing at **Los Gatos, California** and **Livermore, California**, respectively witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in

### **METHOD AND DEVICE FOR USING SUBSTRATE GEOMETRY TO DETERMINE OPTIMUM SUBSTRATE ANALYSIS SAMPLING**

which are described in an application for letters patent having the above title and Attorney Docket Number.

Said Assignors hereby authorize and request their attorney, Joshua D. Isenberg, of 809 Corporate Way, Fremont, California 94539, to insert here in parentheses (Application number 13/475,402, filed May 13, 2012) the filing date and application number of said application when known.

WHEREAS,

### **KLA-TENCOR CORPORATION**

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of **DELAWARE**, and having offices at **1 TECHNOLOGY DRIVE, MILPITAS, CALIFORNIA 95035**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefore and thereon;

NOW, THEREFORE, for other good and sufficient considerations, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said application; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
2. Said Assignors jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignors are the lawful owners of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same have not entered into any assignment, contract or understanding in conflict herewith.
3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignor in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division, continuation, or continuation-in-part of said application, any reissue application for any Letters Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.
4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignor, his heirs, legal representatives and assigns.
5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the respective dates noted below.

Date: 5/18/12

State of California )  
 ) ss.  
 County of Santa Clara )

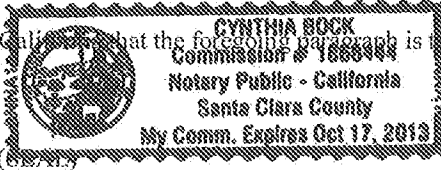
On this 18<sup>th</sup> day of May, in the year 2012, before me, Cynthia Bock, Notary Public,

personally appeared Craig MacNaughton, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature Cynthia Bock



Date: 05-18-2012

State of California )  
 ) ss.  
 County of Santa Clara )

On this 18<sup>th</sup> day of May, in the year 2011, before me, Cynthia Bock, Notary Public,

personally appeared Jaydeep K. Sinha, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature Cynthia Bock

