

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT2820005

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN GERLING	02/25/2014
EDWARD WAGNER	02/25/2014
MEHRAN NASSER-GHODSI	03/26/2014
TOMAS PLETTNER	02/28/2014
ROBERT HAYNES	02/25/2014
CHRISTOPHER SEARS	04/02/2014
<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: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	61737273
<b>Application Number:</b>	14095918
<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 via US Mail.</i>	
<b>Phone:</b>	5106680965
<b>Email:</b>	stephen@jdipatent.com
<b>Correspondent Name:</b>	JOSHUA D. ISENBERG JDI PATENT
<b>Address Line 1:</b>	809 CORPORATE WAY
<b>Address Line 4:</b>	FREMONT, CALIFORNIA 94539
<b>ATTORNEY DOCKET NUMBER:</b>	KLA-P4057/US
<b>NAME OF SUBMITTER:</b>	JOSHUA D. ISENBERG
<b>SIGNATURE:</b>	/Joshua D. Isenberg, Reg. No.41088/
<b>DATE SIGNED:</b>	04/18/2014
<b>Total Attachments: 6</b>	

**PATENT**

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source=KLA-P4057\_US\_Assignment\_for\_Filing#page6.tif

## ASSIGNMENT

THIS ASSIGNMENT, by **JOHN GERLING, EDWARD WAGNER, MEHRAN NASSER-GHODSI, GARRETT PICKARD, TOMAS PLETTNER, ROBERT HAYNES,** and **CHRISTOPHER SEARS** (hereinafter referred to as the Assignors), residing at **LIVERMORE, CALIFORNIA, SAN JOSE, CALIFORNIA, HAMILTON, MASSACHUSETTS, MOUNTAIN VIEW, CALIFORNIA, SAN RAMON, CALIFORNIA, PLEASANTON, CALIFORNIA,** and **SAN JOSE, CALIFORNIA** respectively witnesseth:

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

### **APPARATUS AND METHOD FOR OPTICAL INSPECTION, MAGNETIC FIELD AND HEIGHT MAPPING**

which are described in the following Applications for Letters Patent: United States Provisional Application No. **61/737,273** filed **December 14, 2012** and United States Patent Application No. **14/095,918**, filed **December 3, 2013**.

WHEREAS,

#### **KLA-TENCOR CORPORATION**

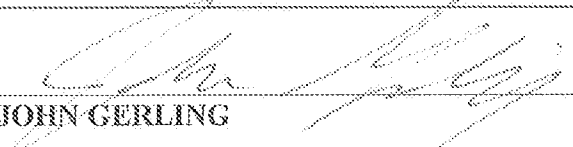
(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of **DELAWARE**, and having offices at **1 TECHNOLOGY DRIVE, MILPITAS, CALIFORNIA 95035**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application 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.

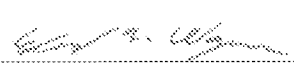
Date: 2-25-14

  
JOHN GERLING

Witnessed by: JIMMY NGUYEN \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)


Date: 2/29/14

  
EDWARD WAGNER

Witnessed by: JIMMY NGUYEN \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Date: 3/26/14

  
MEHRAN NASSER-GHODSI

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Date: \_\_\_\_\_

\_\_\_\_\_   
GARRETT PICKARD

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Date: 3/20/14  
M. Nassar  
MEHRAN NASSER-GHODSI  
Witnessed by: \_\_\_\_\_ (Witness Signature)  
(Typed or Printed Name of Witness)  
Witnessed by: \_\_\_\_\_ (Witness Signature)  
(Typed or Printed Name of Witness)

Date: 7M, 14  
Garrett Pickard  
GARRETT PICKARD  
Witnessed by: \_\_\_\_\_ (Witness Signature)  
(Typed or Printed Name of Witness)  
Witnessed by: \_\_\_\_\_ (Witness Signature)  
(Typed or Printed Name of Witness)

Date: 2/28/14 *Tomas Plettner*  
**TOMAS PLETTNER**  
Witnessed by: Robert Haynes *Robert Haynes*  
(Typed or Printed Name of Witness) (Witness Signature)  
Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Date: \_\_\_\_\_  
**ROBERT HAYNES**  
Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)  
Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Date: \_\_\_\_\_  
**CHRISTOPHER SEARS**  
Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)  
Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Date: \_\_\_\_\_  
**TOMAS PLETTNER**

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Date: 2/25/14  
**ROBERT HAYNES**

Witnessed by: JINNY NGUYEN  
(Typed or Printed Name of Witness) (Witness Signature)

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Date: \_\_\_\_\_  
**CHRISTOPHER SEARS**

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Date: \_\_\_\_\_  
**TOMAS PLETTNER**

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Date: \_\_\_\_\_  
**ROBERT HAYNES**

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Date: 4/12/2014  
*Chris Sears*  
**CHRISTOPHER SEARS**

Witnessed by: Tommy Hayden # \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)

Witnessed by: \_\_\_\_\_  
(Typed or Printed Name of Witness) (Witness Signature)