

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4138487

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LI HE	07/02/2015
CHIEN-HUEI ADAM CHEN	07/10/2015
SANKAR VENKATARAMAN	07/02/2015
JOHN R. JORDAN	07/01/2015
HUAJUN YING	07/02/2015
HARSH SINHA	02/15/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KLA-TENCOR CORPORATION
<b>Street Address:</b>	ONE 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:	14749316
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(402)496-0333
<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>	402.496.0300
<b>Email:</b>	file@suiter.com
<b>Correspondent Name:</b>	SUITER SWANTZ/KLA JOINT CUSTOMER NUMBER
<b>Address Line 1:</b>	14301 FNB PARKWAY
<b>Address Line 2:</b>	SUITE 220
<b>Address Line 4:</b>	OMAHA, NEBRASKA 68154-5299
<b>ATTORNEY DOCKET NUMBER:</b>	KLA P4704
<b>NAME OF SUBMITTER:</b>	MATTHEW A. POULSEN
<b>SIGNATURE:</b>	/matthew a poulsen/
<b>DATE SIGNED:</b>	11/11/2016

**Total Attachments: 8**

source=P4704\_Assignment#page1.tif

source=P4704\_Assignment#page2.tif

source=P4704\_Assignment#page3.tif

source=P4704\_Assignment#page4.tif

source=P4704\_Assignment#page5.tif

source=P4704\_Assignment#page6.tif

source=P4704\_Assignment#page7.tif

source=P4704\_Assignment#page8.tif

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) Li He
- 2) Chien-Huei Adam Chen
- 3) Sankar Venkataraman
- 4) John R. Jordan
- 5) Huajun Ying
- 6) Harsh Sinha

(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 METHOD AND SYSTEM FOR DEFECT CLASSIFICATION  
(b) \_\_\_\_\_ which was filed on \_\_\_\_\_ and titled \_\_\_\_\_  
(c)  X  which was filed on June 24, 2015 and known as Appln. No. 14/749,316, titled METHOD AND SYSTEM FOR DEFECT CLASSIFICATION

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 PC LLO 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.

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

  
\_\_\_\_\_  
First Inventor's Signature

07/02/2015  
\_\_\_\_\_  
DATE

Li He  
\_\_\_\_\_  
Inventor's Printed Name

Inventor Address: 1748 Birch Lake Ct  
San Jose, CA 95131  
\_\_\_\_\_

Witness Signature: Chris Sears  
\_\_\_\_\_

Witness Printed Name: Christopher Sears  
\_\_\_\_\_

Witness Address: 42680 Ravensbourne Park St.  
Fremont, CA 94538  
\_\_\_\_\_

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

Chien-Huei Adam Chen  
Second Inventor's Signature

July 10, 2015  
DATE

Chien-Huei Adam Chen  
Inventor's Printed Name

Inventor Address: 1387 Medallion Dr.  
San Jose, CA 95120

Witness Signature: Chris' Sears

Witness Printed Name: Christopher Sears

Witness Address: 42640 Ravensbourne park st.  
Premont, CA 94538

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

  
\_\_\_\_\_  
Third Inventor's Signature

7/2/2015  
\_\_\_\_\_  
DATE

Sankar Venkataraman  
\_\_\_\_\_  
Inventor's Printed Name

Inventor Address: 1896 LEE WAY  
MILPITAS CA  
95035

Witness Signature: Chris Sears

Witness Printed Name: Christopher Sears

Witness Address: 42640 Ravensbourne park st.  
Fremont, CA 94538

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

  
Fourth Inventor's Signature


7/1/15  
DATE

John R. Jordan  
Inventor's Printed Name

Inventor Address:

3397 Ivan Way  
Mountain View CA 94040

Witness Signature:



Witness Printed Name:

Susan M. Jordan

Witness Address:

3397 Ivan Way  
Mountain View, CA 94040



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

  
Fifth Inventor's Signature

July 2, 2015  
DATE

Huajun Ying  
Inventor's Printed Name

Inventor Address: 366 Maeve Ct  
San Jose, CA 95136

Witness Signature: Chris Sears

Witness Printed Name: Christopher Sears

Witness Address: 42640 Ravenshoe Park St  
Fremont CA 94538

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

  
\_\_\_\_\_  
Sixth Inventor's Signature

02/15/2016  
\_\_\_\_\_  
DATE

Harsh Sinha  
\_\_\_\_\_  
Inventor's Printed Name

Inventor Address: 2510 RIPARIAN CT  
SAN JOSE, CA 95133  
\_\_\_\_\_

Witness Signature: R. P. OTT  
\_\_\_\_\_

Witness Printed Name: R. RAMAKANTH  
\_\_\_\_\_

Witness Address: 63, KUNALA HOMES 2<sup>nd</sup> CROSS STREET,  
ELIM NAGAR, PERURUQUOI, CHENNAI, INDIA  
600096