

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Chien-Huei CHEN</td> <td>02/21/2012</td> </tr> <tr> <td>Peter WHITE</td> <td>03/01/2012</td> </tr> <tr> <td>Michael J. VAN RIET</td> <td>03/01/2012</td> </tr> <tr> <td>Sankar VENKATARAMAN</td> <td>02/21/2012</td> </tr> <tr> <td>Hai JIANG</td> <td>02/21/2012</td> </tr> <tr> <td>Hedong YANG</td> <td>02/21/2012</td> </tr> <tr> <td>Ajay GUPTA</td> <td>02/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Chien-Huei CHEN	02/21/2012	Peter WHITE	03/01/2012	Michael J. VAN RIET	03/01/2012	Sankar VENKATARAMAN	02/21/2012	Hai JIANG	02/21/2012	Hedong YANG	02/21/2012	Ajay GUPTA	02/21/2012
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<table border="1"> <tr> <td>Name:</td> <td>KLA-TENCOR CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1 Technology Drive</td> </tr> <tr> <td>City:</td> <td>Milpitas</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95035</td> </tr> </table>		Name:	KLA-TENCOR CORPORATION	Street Address:	1 Technology Drive	City:	Milpitas	State/Country:	CALIFORNIA	Postal Code:	95035						
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CORRESPONDENCE DATA																	
Fax Number:	(408)436-2114																
Email:	jina@OBLLP.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	OKAMOTO & BENEDICTO LLP																
Address Line 1:	P.O. BOX 641330																
Address Line 4:	SAN JOSE, CALIFORNIA 95164-1330																
ATTORNEY DOCKET NUMBER:	10011.011610 (P3630)																

OP \$40.00 13410506

NAME OF SUBMITTER:

JAMES K. OKAMOTO

Total Attachments: 8

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred herein as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **KLA-Tencor Corporation**, a Delaware corporation, having a place of business at **1 Technology Drive, Milpitas, California 95035**, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) ("APPLICATION"), entitled "**CONTOUR-BASED DEFECT DETECTION USING AN INSPECTION APPARATUS**" and with the following particulars:

Filing Date: March 2, 2012 Attorney Docket No.: 10011.011610 (P3630)

Application No.: 13/410,506

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;
(c) all divisional, provisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted or have been granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in and to the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all assignments, oaths, powers of attorney, applications, and other papers (and/or documents) necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR further authorizes and directs the attorneys of record to insert in this document the serial number and filing date of the APPLICATION, identified by the attorney docket number and title set forth above, as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Title of Document: ASSIGNMENT

Re:

Title: CONTOUR-BASED DEFECT DETECTION USING AN INSPECTION
APPARATUS

Serial No.:

Filing Date:

Atty. Docket No.: 10011.011610 (P3630)

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and SignatureDate of
SignatureDate Declaration
Executed By This Person2/21 .20122/21 .2012

Chien-Huei CHEN

BEFORE ME, the undersigned witness, on this _____ day of _____, 2012, personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature:



Witness's Printed Name:

Cho Teh

Witness's Address:

11286 Terra Bella Dr. Cupertino CA ⁹⁴⁰²² ₁ USA

Title of Document: ASSIGNMENT

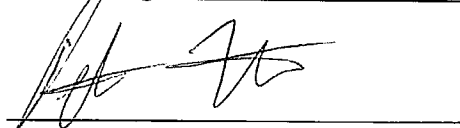
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Title: CONTOUR-BASED DEFECT DETECTION USING AN INSPECTION
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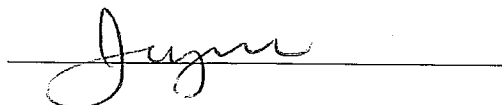
Atty. Docket No.: 10011.011610 (P3630)

Name and SignatureDate of
SignatureDate Declaration
Executed By This PersonMarch 1, 2012March 1, 2012

Peter WHITE

BEFORE ME, the undersigned witness, on this 1 day of March, 2012, personally appeared Peter White, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature:



Witness's Printed Name:

JIMMY NGUYEN

Witness's Address:

4 Technology Dr., Nlpts, 95035

PATENT

Title of Document: ASSIGNMENT

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Title:

CONTOUR-BASED DEFECT DETECTION USING AN INSPECTION
APPARATUS

Serial No.:


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Atty. Docket No.: 10011.011610 (P3630)

Name and Signature

Date of
Signature

Date Declaration
Executed By This Person



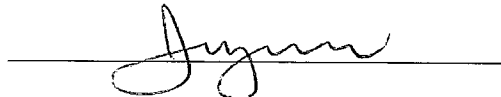
Michael J. VAN RIET

3/1/2012

3/1/2012

BEFORE ME, the undersigned witness, on this 1 day of March, 2012, personally appeared Michael J. Van Riet, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature:



Witness's Printed Name:

JIMMY NGUYEN

Witness's Address:

1 Technology Dr., N1pts 95035

PATENT

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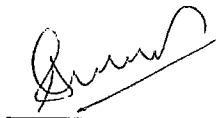
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Serial No.:

Filing Date:

Atty. Docket No.: 10011.011610 (P3630)

Name and Signature



Sankar VENKATARAMAN

Date of
Signature

2/21/2012

Date Declaration
Executed By This Person

2/21/2012

BEFORE ME, the undersigned witness, on this _____ day of _____, 2012, personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature:



Witness's Printed Name:

Cho Teh

Witness's Address:

11286 Terra Bella Dr, Cupertino CA 94022 USA

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CONTOUR-BASED DEFECT DETECTION USING AN INSPECTION
APPARATUS

Serial No.:

Filing Date:

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Name and SignatureDate of
SignatureDate Declaration
Executed By This Person

Hai Jiang
Hai JIANG

Feb 21, 2012Feb 21, 2012

BEFORE ME, the undersigned witness, on this _____ day of _____, 2012, personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature:

Choi

Witness's Printed Name:

Choi Teh

Witness's Address:

11286 Terra Bella Dr, Cupertino CA 94022 USA

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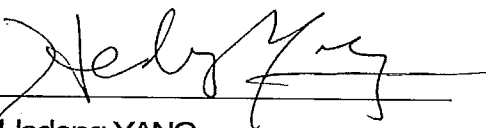
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Serial No.:

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10011.011610 (P3630)

Name and SignatureDate of
SignatureDate Declaration
Executed By This Person
Hedong YANG

2/21, 2012

2/21, 2012

BEFORE ME, the undersigned witness, on this _____ day of _____, 2012, personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature:



Witness's Printed Name:

Cho Teh

Witness's Address:

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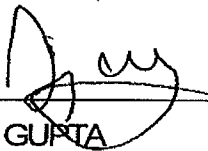
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Name and SignatureDate of
SignatureDate Declaration
Executed By This Person
Ajay GUPTA

Feb. 21, 2012

Feb. 21, 2012

BEFORE ME, the undersigned witness, on this _____ day of _____, 2012, personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Witness's Signature:



Witness's Printed Name:

Cho Teh

Witness's Address:

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