

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jason Keith ROWAN</td> <td>08/31/2010</td> </tr> <tr> <td>Li-Min CHEN</td> <td>08/31/2010</td> </tr> <tr> <td>Roni ROBINZON</td> <td>08/28/2010</td> </tr> <tr> <td>Christopher Vreje OHANIAN</td> <td>08/29/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jason Keith ROWAN	08/31/2010	Li-Min CHEN	08/31/2010	Roni ROBINZON	08/28/2010	Christopher Vreje OHANIAN	08/29/2010
Name	Execution Date										
Jason Keith ROWAN	08/31/2010										
Li-Min CHEN	08/31/2010										
Roni ROBINZON	08/28/2010										
Christopher Vreje OHANIAN	08/29/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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
Name:	KLA-TENCOR CORPORATION										
Street Address:	1 Technology Drive										
City:	Milpitas										
State/Country:	CALIFORNIA										
Postal Code:	95035										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12875720</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12875720						
Property Type	Number										
Application Number:	12875720										
CORRESPONDENCE DATA											
<p>Fax Number: (408)436-2114</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: jina@OBLLP.com</p> <p>Correspondent Name: OKAMOTO & BENEDICTO LLP</p> <p>Address Line 1: P.O. BOX 641330</p> <p>Address Line 4: SAN JOSE, CALIFORNIA 95164-1330</p>											
ATTORNEY DOCKET NUMBER:	10011.009600 (P3473)										
NAME OF SUBMITTER:	JAMES K. OKAMOTO										
<p>Total Attachments: 7</p> <p>source=P3473-Assignment#page1.tif</p> <p>source=P3473-Assignment#page2.tif</p>											

OP \$40.00 12875720

501298242

PATENT
REEL: 025027 FRAME: 0749

source=P3473-Assignment#page3.tif
source=P3473-Assignment#page4.tif
source=P3473-Assignment#page5.tif
source=P3473-Assignment#page6.tif
source=P3473-Assignment#page7.tif

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 "**APPARATUS AND METHODS FOR VACUUM-COMPATIBLE SUBSTRATE THERMAL MANAGEMENT**" and with the following particulars:

Filing Date: September 3, 2010 Attorney Docket No.: 10011.009600 (P3473)

Application No.: 12/875,720

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.

PATENT

Title of Document: ASSIGNMENT

Re:

Title:

APPARATUS AND METHODS FOR VACUUM-COMPATIBLE
SUBSTRATE THERMAL MANAGEMENT

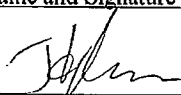
Serial No.:

Filing Date:

Atty. Docket No.:

10011.009600 (P3473)

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 Signature	Date of Signature	Date Declaration Executed By This Person
	8-31-2010	8-31-2010
Jason Keith ROWAN		

State of California)

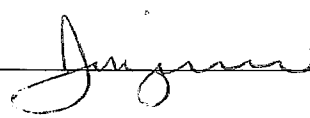
County of San Mateo)

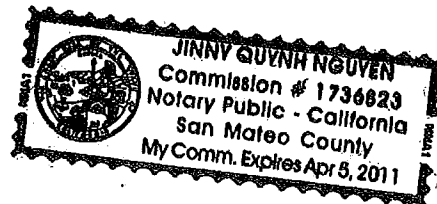
On 8/31/2010 before me, Jinny Quynh Nguyen personally
appeared Jason Keith Rowan [DATE] [NOTARY PUBLIC]
[INVENTOR], who proved to me on the basis of

satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that [he/she/they] executed the same in [his/her/their] authorized capacity(ies); and that by [his/her/their]-signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Signature  (Seal)



PATENT

Title of Document: ASSIGNMENT

Re:

Title:

APPARATUS AND METHODS FOR VACUUM-COMPATIBLE
SUBSTRATE THERMAL MANAGEMENT

Serial No.:

Filing Date:

Atty. Docket No.:

10011.009600 (P3473)

Name and Signature

Date of
Signature

Date Declaration
Executed By This Person



8/31, 2010

8/31, 2010

Li-Min CHEN

State of California

County of

San Mateo

On 8/31/2010

before me,

Jinny Quynh Nguyen

personally

[DATE]

[NOTARY PUBLIC]

appeared

Li-Min CHEN

, who proved to me on the basis of

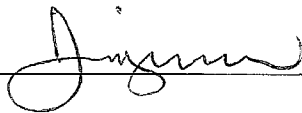
[INVENTOR]

satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that [he/she/they] executed the same in [his/her/their] authorized capacity(ies); and that by [his/her/their] signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

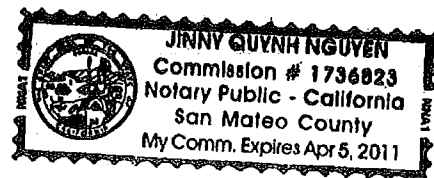
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



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 "**APPARATUS AND METHODS FOR VACUUM-COMPATIBLE SUBSTRATE THERMAL MANAGEMENT**" and with the following particulars:

Filing Date: September 3, 2010 Attorney Docket No.: 10011.009600 (P3473)

Application No.: 12/875,720

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:


APPARATUS AND METHODS FOR VACUUM-COMPATIBLE
SUBSTRATE THERMAL MANAGEMENT

Serial No.:

Filing Date:

Atty. Docket No.: 10011.009600 (P3473)

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.

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
 Roni ROBINZON	28 August 2010	28 Aug. 2010

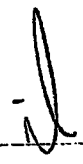
Signature of Witnesses:

SIGALIT ROBINSON
Full Name


Signature

SEP 1st 2010
Date of Signature

shachar robinzon
Full Name


Signature

1.9.2010
Date of Signature

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 "**APPARATUS AND METHODS FOR VACUUM-COMPATIBLE SUBSTRATE THERMAL MANAGEMENT**" and with the following particulars:

Filing Date: September 3, 2010 Attorney Docket No.: 10011.009600 (P3473)

Application No.: 12/875,720

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.

PATENT

Title of Document: ASSIGNMENT

Re:


Title: APPARATUS AND METHODS FOR VACUUM-COMPATIBLE
SUBSTRATE THERMAL MANAGEMENT

Serial No.:

Filing Date:

Atty. Docket No.: 10011.009600 (P3473)

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 Signature	Date of Signature	Date Declaration Executed By This Person
	8/29 2010	8/29 2010
Christopher Vreje OHANIAN		

State of California }

County of LOS ANGELES }

On AUG. 30-2010 before me, MORTEZA PARVAND personally
[DATE] [NOTARY PUBLIC]
appeared CHRISTOPHER VREJE OHANIAN, who proved to me on the basis of
[INVENTOR]
satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that [he/she/they] executed the same in [his/her/their] authorized capacity(ies), and that by [his/her/their] signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Signature Morteza Parvand (Seal)

