

12-21-2006

ET

To the Director of the U.S. Patents

103352337

documents or the new address(es) below.

1. Name of conveying party(ies):

DAVID WALKER 10/25/2006
SALAM HARB 10/25/2006
VASSIL SPASOV 11/03/2006
IZZY LEWIS 11/03/2006
MARIAN MANKOS 10/25/2006
DAVID G. STITES 11/17/2006

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

Execution Date(s) Oct. 25, Nov. 3 and 17, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: KLA-Tencor Technologies Corporation

Internal Address: _____

Street Address: One Technology Drive

City: Milpitas

State: CA

Country: US Zip: 95035

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: OKAMOTO & BENEDICTO LLP

Internal Address: _____

Street Address: P.O.BOX 641330

City: SAN JOSE

State: CA Zip: 95164-1330

Phone Number: (408) 436-2110

Fax Number: (408) 436-2114

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date 12/16/2006 - 12/16/2007

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

James K. Okamoto

December 14, 2006

Date

Total number of pages including cover sheet, attachments, and documents

10

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 018715 FRAME: 0513

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 Technologies Corporation**, a California corporation, having a place of business at **One Technology Drive, Milpitas, CA 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) and entitled "**HIGH-RESOLUTION, LOW-DISTORTION AND HIGH-EFFICIENCY OPTICAL COUPLING IN DETECTION SYSTEM OF ELECTRON BEAM APPARATUS**" ("APPLICATION"), which:

- ☒ is to be filed herewith
☐ was filed on _____,
☐ now bearing U.S. serial number _____; and

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 (d) 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 grants the attorney(s) of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Title of Document: ASSIGNMENT

Re:

Title:

High-Resolution, Low-Distortion and High-Efficiency Optical Coupling In
Detection System Of Electron Beam Apparatus

Filed: (if applicable)

Atty. Docket No.

10011.006900 (P1849)

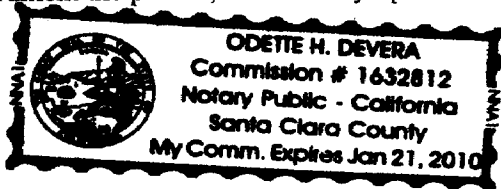
This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>David Walker</u> David Walker	<u>10/25</u> 2006	<u>10/25</u> 2006

State of CA } S.S.
County of Santa Clara }

On October 25, 2006 before me, Odetta H. Devera personally
[DATE] [NOTARY PUBLIC]
appeared David Walker personally known to me or ~~proved to me on the basis of~~
[INVENTOR]

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



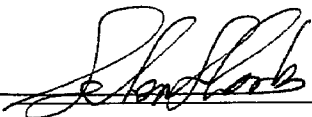
Odetta H. Devera
Notary

Notary Seal

Title of Document: ASSIGNMENT

Re:
 Title: High-Resolution, Low-Distortion and High-Efficiency Optical Coupling In
 Detection System Of Electron Beam Apparatus
 Filed: (if applicable)
 Atty. Docket No. 10011.006900 (P1849)

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
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Salam Harb

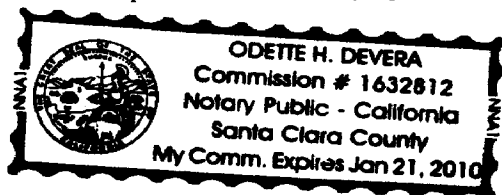
10/25/2006

10/25/2006

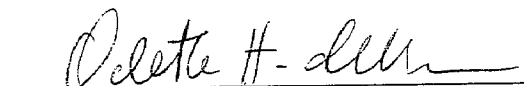
State of CA } S.S.County of Santa Clara }

On October 25, 2006 before me, Odette H. Devera personally
 appeared Salam Harb [DATE] [NOTARY PUBLIC]
 [INVENTOR] personally known to me or 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/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



Notary Seal




Notary

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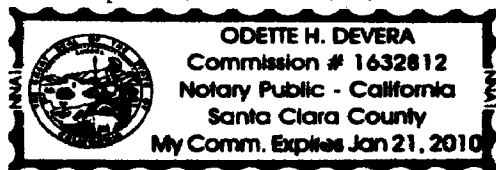
Name and Signature	Date of Signature	Date Declaration Executed By This Person
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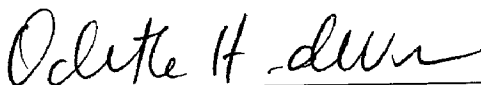
<u></u>	NOV 03 ,2006	NOV 03 ,2006
Vassil Spasov		

State of CA } S.S.
 County of Santa Clara }

On November 3, 2006 before me, Odette H. Devera personally
 appeared Vassil Spasov ^[DATE] ^[NOTARY PUBLIC]
^[INVENTOR] personally known to me or 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/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.





Notary Seal

Notary

Re:
Title: High-Resolution, Low-Distortion and High-Efficiency Optical Coupling In
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Atty. Docket No. 10011.006900 (P1849)

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
	.2006	.2006

David Stites

State of _____} S.S.

County of _____ }

On _____ before me, _____ personally
[DATE] [NOTARY PUBLIC]
appeared _____ personally known to me or proved to me on the basis of
[INVENTOR]
satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to
me that [he/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the
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<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>Izzy Lewis</u> Izzy Lewis	<u>Nov 3 .2006</u>	<u>Nov 3 .2006</u>

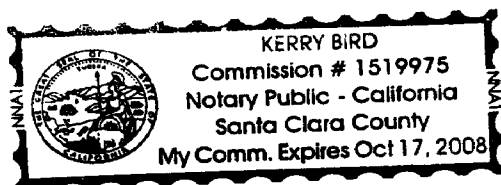
State of California } S.S.
 County of Santa Clara }

On November 3, 2006 before me, Kerry Bird personally
 [DATE] [NOTARY PUBLIC]
 appeared Izzy Lewis ~~personally known to me or proved to me on the basis of~~
 [INVENTOR]

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

Notary Seal

Kerry Bird
 Notary



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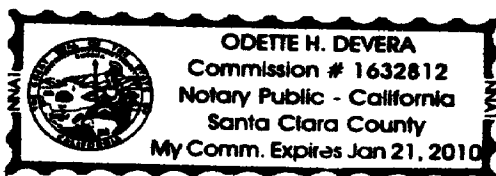
<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
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Marian Mankos

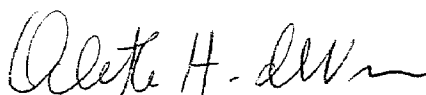
October 25th, 2006October 25th, 2006

State of CA } S.S.
County of Santa Clara }

On October 25, 2006 before me, Odette H. Devera personally
[DATE] [NOTARY PUBLIC]
appeared Marian Mankos personally known to me ~~or proved to me on the basis of~~
[INVENTOR]
~~satisfactory evidence~~ to be the person whose name is subscribed to the within instrument and acknowledged to
me that [he/she] executed the same in [his/her] authorized capacity, and that by [his/her] signature on the
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Notary Seal



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- ☒ is to be filed herewith
☐ was filed on _____,
☐ now bearing U.S. serial number _____; and

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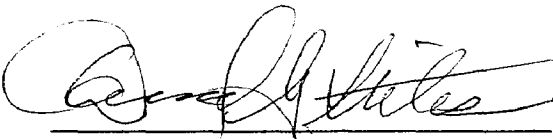
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David G. Stites

17 NOV 2006

17 NOV 2006

State of _____} S.S.

County of _____}

On _____ before me, _____ personally
[DATE] [NOTARY PUBLIC]
appeared _____ personally known to me or proved to me on the basis of
[INVENTOR]

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Notary Seal

Notary