

03-24-2005

RECOF



To the Director of the U.S. Patents and Tradem.

102966158

or the new address(es) below.

03-10-05

1. Name of conveying party(ies)/Execution Date(s):

John Schmidt  
David Crewe

Execution Date(s) March 2 and 8, 2005

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

2. Name and address of receiving party(ies)

Name: KLA-Tencor Technologies Corporation

Internal Address: \_\_\_\_\_

Street Address: Once Technology Drive

City: Milpitas

State: CA

Country: US Zip: 995035

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

112959 U.S. PTO  
11/07/05



031005

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

This document is being filed together with a new application.

A. Patent Application No.(s)

03/16/2005 DTESSEM1 00000066 11077519

05 FC:4021

40.00 DP

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) \$ 40.00

- 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 \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

9. Signature :

James K. Okamoto  
Signature

March 10, 2005  
Date

James K. Okamoto

Total number of pages including cover sheet, attachments, and documents 4

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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, "**SAMPLE CHARGING CONTROL IN CHARGED-PARTICLE SYSTEMS**" ("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, 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 on the applications set forth in (a), (b), (c) and (d) above; and (e) all right of priority in 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: SAMPLE CHARGING CONTROL IN CHARGED-PARTICLE SYSTEMS  
Filed: (if applicable)  
Atty. Docket No. 10011.004000 (P1449)

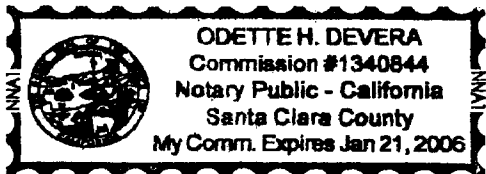
This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
 John Schmidt	March 2, 2005	March 2, 2005

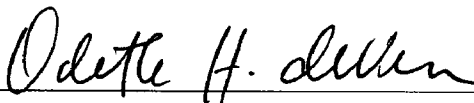
State of CA } S.S.  
County of Santa Clara }

On 3/2/2005 before me, Odette H. Devera personally  
[DATE] [NOTARY PUBLIC]  
appeared John Schmidt 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



Notary

Title of Document: ASSIGNMENT

Re: TITLE: SAMPLE CHARGING CONTROL IN CHARGED-PARTICLE SYSTEMS  
Filed: (if applicable)  
Atty. Docket No. 10011.004000 (P1449)

Name and Signature Date of Signature Date Declaration Executed By This Person

  
\_\_\_\_\_

3/8 ,2005

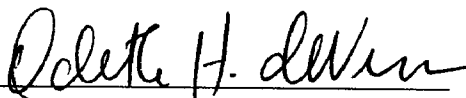
3/8 ,2005

David Crewe

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

On March 8, 2005 before me, Odette H. Devern personally  
[DATE] [NOTARY PUBLIC]  
appeared David Crewe 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

Notary