

12-23-2005



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

12-14-05

1. Name of conveying party(ies)
 Jason Z. Lin; Xing Chu; Kenong Wu; Sharon McCauley

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

2. Name and address of receiving party(ies)
 Name: KLA-Tencor Technologies Corp.
 Internal Address: _____

112919 U.S. PTO
11/300172



121405

3. Nature of conveyance/Execution Date(s):
 Execution Date(s) 12/8/05

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

Street Address: One Technology Drive
 City: Milpitas
 State: CA
 Country: USA Zip: 95035

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

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
12/22/2005 DBYRNE 00000083 503268 11300172
01 FC:8021 40.00 BA

B. Patent No.(s)
 Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Daffer McDaniel, LLP
 Internal Address: _____
 Street Address: P.O. Box 684908
 City: Austin
 State: TX Zip: 78768-4908
 Phone Number: (512) 476-1400
 Fax Number: (512) 703-1250
 Email Address: _____

6. Total number of applications and patents involved: one (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 50-3268
 Authorized User Name Ann Marie Mewherter

9. Signature: Ann Marie Mewherter Signature 12/14/2005 Date

Ann Marie Mewherter, Reg. No. 50,484
Name of Person Signing

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

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, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to KLA-TENCOR TECHNOLOGIES CORPORATION (the "Assignee"), a California corporation having its principal place of business at One Technology Drive, Milpitas, CA 95035 the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent submitted herewith entitled "METHODS AND SYSTEMS FOR BINNING DEFECTS DETECTED ON A SPECIMEN," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee; and

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) [Handwritten Signature]
Name: Jason Z. Lin

Date: Dec. 8, 2005

STATE OF California §
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 8th day of December, 2005, personally appeared Jason Z. Lin known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/~~she~~ executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



[Handwritten Signature]
Notary or Consular Officer

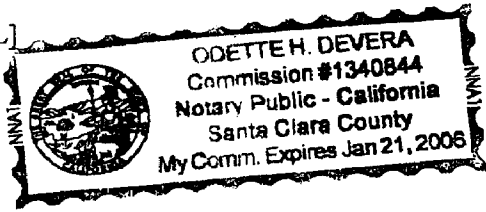
(Signature) [Handwritten Signature]
Name: Xing Chu

Date: 12/8/05

STATE OF California §
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 8th day of December, 2005, personally appeared Xing Chu known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/~~she~~ executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]




[Handwritten Signature]
Notary or Consular Officer

(Signature) [Handwritten Signature]
Name: Kenong Wu

Date: 12/08/2005

STATE OF California §
COUNTY OF Santa Clara §
7670 12/8/05 §

BEFORE ME, the undersigned authority, on this 8th day of December, 2005, personally appeared Kenong Wu known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL] 

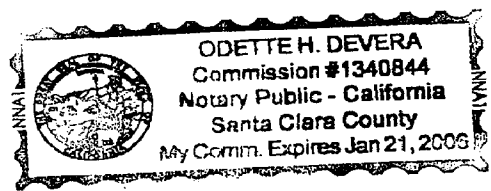
[Handwritten Signature]
Notary or Consular Officer

(Signature) [Handwritten Signature]
Name: Sharon McCauley

Date: 9 December 2005

STATE OF California §
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 9th day of December, 2005, personally appeared Sharon McCauley known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL] 

[Handwritten Signature]
Notary or Consular Officer

Customer No. 35617
Daffer McDaniel, LLP
P.O. Box 684908
Austin, TX 78768-4908
(512) 476-1400