

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Shiow-Hwei Hwang</td><td>07/31/2006</td></tr><tr><td>Tao-Yi Fu</td><td>07/31/2006</td></tr><tr><td>Xiumei Liu</td><td>07/31/2006</td></tr></tbody></table>		Name	Execution Date	Shiow-Hwei Hwang	07/31/2006	Tao-Yi Fu	07/31/2006	Xiumei Liu	07/31/2006
Name	Execution Date								
Shiow-Hwei Hwang	07/31/2006								
Tao-Yi Fu	07/31/2006								
Xiumei Liu	07/31/2006								
RECEIVING PARTY DATA									
Name:	KLA-Tencor Technologies Corporation								
Street Address:	One Technology Drive								
City:	Milpitas								
State/Country:	CALIFORNIA								
Postal Code:	95035								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11461893</td></tr></tbody></table>		Property Type	Number	Application Number:	11461893				
Property Type	Number								
Application Number:	11461893								
CORRESPONDENCE DATA									
Fax Number: (512)703-1250 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Email: pgerik@dmtechlaw.com									
Correspondent Name: Daffer McDaniel, LLP									
Address Line 1: P.O. Box 684908									
Address Line 4: Austin, TEXAS 78768-4908									
ATTORNEY DOCKET NUMBER:	5589-10301 P1541								
NAME OF SUBMITTER:	Ann Marie Mewherter								
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif									

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PATENT

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REEL: 018043 FRAME: 0401

**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 "SYSTEMS CONFIGURED TO GENERATE OUTPUT CORRESPONDING TO DEFECTS 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.

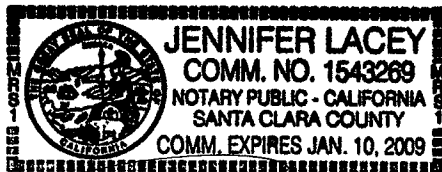
(Signature) Shiow-Hwei Hwang  
Name: Shiow-Hwei Hwang

Date: 07-31-06

STATE OF California §  
§  
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 31st day of July, 2006, personally appeared Shiow-Hwei Hwang 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]



Jennifer Lacey  
Notary or Consular Officer

(Signature) Tao-Yi Fu  
Name: Tao-Yi Fu

Date: 7/31/06

STATE OF California §  
§  
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 31st day of July, 2006, personally appeared Tao-Yi Fu 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]



Jennifer Lacey  
Notary or Consular Officer

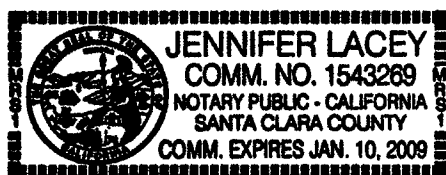
(Signature) *Xiumei Liu*  
Name: Xiumei Liu

Date: 7/31/06

STATE OF California §  
§  
COUNTY OF Santa Clara

BEFORE ME, the undersigned authority, on this 31st day of July, 2006, personally appeared Xiumei Liu 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]



*Jennifer Lacey*  
Notary or Consular Officer

Customer No. 61507  
Daffer McDaniel, LLP  
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Austin, TX 78768-4908  
(512) 476-1400