ASSIGNMEN

11.19.03
The Commissioner for I

The Commissioner for Patents and Trademarks: Please record the attached original

document(s) or copy(ies).

SUBMISSION TYPE:

To:

New

CONVEYANCE TYPE:

Assignment

CONVEYING PARTY(IES):

Patrick Y. Huet Robinson Piramuthu Martin Plihal Christopher W. Lee

Cho H. Teh Yan Xiong **EXECUTION DATE OF ASSIGNMENT:**

2003.11.17 2003.11.17 2003.11.17 2003.11.18 2003.11.17 2003.11.17 10/717403 10/717403 111903

RECEIVING PARTY:

KLA-Tencor Technologies Corporation One Technology Drive

Milpitas CA 95035

11/24/2003 HMARZII 00000064 10717403

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CORRESPONDENT NAME AND ADDRESS:

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APPLICATION NUMBER(S):

#

PATENT NUMBER(S):

#

If this document is being filed together with a new application, the date the patent application was signed by the first named executing inventor is: 2003.11.17

NUMBER OF PROPERTIES:

TOTAL PAGES OF ASSIGNMENT:

FEE AMOUNT:

1

\$40.00

A check or authorization for this amount is enclosed. Please charge or credit deposit account number 12-2355 if the check or authorization is in any way defective.

STATEMENT AND SIGNATURE

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

2003.11.10

Date

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Rick Barnes, 39,596

PATENT REEL: 014726 FRAME: 0201

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, do hereby sell, assign, and transfer to:

Assignee name:

KLA-Tencor Technologies Corporation, a California corporation

Assignee address:

One Technology Drive, Milpitas CA 95035

its successors, assigns, and legal representatives (collectively referred to as "Assignee"), the entire right, title and interest for the United States and all foreign countries, in and to any all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith unless the box below is checked.

[]	which was filed on:	
	and assigned serial number:	

and is entitled:

PROCESS EXCURSION DETECTION

and in and to the application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on the improvements; and in and to all rights of priority resulting from the filing of the United States application; and

Agree that the Assignee may apply for and receive Letters Patent for the improvements in its own name; and that, when requested, without charge to, but at the expense of, the Assignee, to carry out in good faith the intent and propose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all the improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to the improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the improvements and all applications to patents and all patents on the improvements, in the Assignee; and

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

Grant the firm of Luedeka, Neely & Graham, P.C., P.O. Box 1871, Knoxville TN 37901, the power to insert on this document any further information that may be necessary or desirable to comply with the rules of any relevant governmental office for the recordation of this document.

58551.asg.doc

State of California County of Santa Clara Before me appeared the individual named to the left, who acknowledged that this assignment was duly signed by him/her. ODETTE H. DEVER Commission #13408 Volsky Public - California

Page 1 of 6

PATENT

REEL: 014726 FRAME: 0202

Santa Clara County My Comm. Expires Jan 21, 2005 State of California
County of Santa Clara

Before me appeared the individual named to the left, who acknowledged that this assignment was duly signed by him/her.

Date

Odette H. Devern
Notary Public

My Commission Expires

Santa Clara

ODETTE H. DEVERA
Commission #1340844
Notary Public - California
Santa Clara County
My Comm. Expires Jan 21, 2005

 Christopher W. Lee

148/03

Date

Witness signature

Witness name

Witness address

3328 B LANDESS HE SAN JOSECA 95132

Char	State of California County of Santa Clara	
Cho H. Teh 17 November 200 Date	Before me appeared the individual nan	med to the left, who acknowledged that m/her. 1117/2003 Date Notarized
	My Commission Expires	ODETTE H. DEVERA Commission #1340844 Notery Public - California Santo Clera County My Comm. Expires Jan 21, 2008

40mg	State of California
4	County of Santa Clara
Yan Xiong 11-17-2003 Date	Before me appeared the individual named to the left, who acknowledged that this assignment was duly signed by him/her. Notary Public Date Notarized
	My Commission Expires Operation Severa
	Commission #1340844 Notary Public - California Santa Clara County My Comm. Expires Jan 21, 2008