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11/311058
121905

12-19-05

RECORDATION COVER SHEET FOR ASSIGNMENT OF PATENT

To the Hon. Commissioner of Patents and Trademarks:

Please record the enclosed copy of an assignment document. Relevant assignment data are as follows:

1. Assignors:

Wei-Ning Shen
10431 Prune Tree Lane
Cupertino, California, 95014
Execution Date: **December 15, 2005**

Xinkang Tian
1554 Wheatly Place
San Jose, California, 95121
Execution Date: **December 15, 2005**

Byeong Su Hwang
4821 Norwalk Drive, San Jose
California, 95129
Execution Date: **December 15, 2005**

Tuan Van Tran
3581 Jasmine Circle
San Jose, California, 95135
Execution Date: **December 13, 2005**

2. Assignee: **KLA-Tencor Technologies Corporation**
One Technology Drive
Milpitas, CA 95035

3. Execution Date of Assignment of Entire Interest in Patent Application: **December 15, 2005**

4. Execution Date of Declaration for Patent Application: **December 15, 2005**

4A. Patent Application No.: **Not Yet Assigned, Filed Herewith**

4B. Patent Number: **Not Assigned**

4C. Title: **PATTERN RECOGNITION MATCHING FOR BRIGHT FIELD IMAGING OF
LOW CONTRAST SEMICONDUCTOR DEVICES**

5. Correspondence address: **Joshua D. Isenberg**
JDI PATENT
204 Castro Lane
Fremont, CA 94539

6. Total Number of applications and Patents involved: **1**

7. Total fee (37 CFR 3.41): **\$40**

8. Statement and signature:

To the best of my knowledge and belief, the information contained herein is true and correct,
and any attached copy is a true copy of the original document.

Joshua D. Isenberg
Reg. No. 41,088 telephone: (510) 896-8328

Date: **12/19/2005**

Total number of pages including cover sheet, attachments, and document: **3**

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ASSIGNMENT

THIS ASSIGNMENT, by **Wei-Ning Shen, Xinkang Tian, Byeong Su Hwang, and Tuan Van Tran** (hereinafter referred to as the Assignors), residing at **Cupertino, California, San Jose, California, San Jose, California, and San Jose, California** respectively, witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in

PATTERN RECOGNITION MATCHING FOR BRIGHT FIELD IMAGING OF LOW CONTRAST SEMICONDUCTOR DEVICES

which are described in an application for letters patent having the above title and Attorney Docket Number. Said assignor hereby authorizes and requests his attorney, Joshua D. Isenberg, of 204 Castro Lane Fremont, California, to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

WHEREAS,

KLA- Tencor Technologies Corporation

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of **CALIFORNIA, MILPITAS, CALIFORNIA 95035**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and sufficient considerations, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said application; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
2. Said Assignors jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignors are the lawful owners of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same have not entered into any assignment, contract or understanding in conflict herewith.
3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignor in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division, continuation, or continuation-in-part of said application, any reissue application for any Letters Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.
4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.
5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the respective dates noted below.

Date: 12/15/05



Wei-Ning Shen

State of California

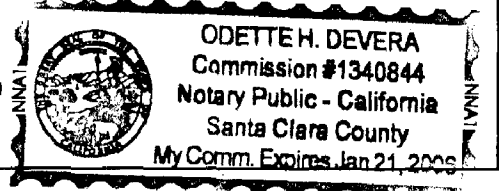
County of Santa Clara) ss.)

On this 15th day of December, in the year 2005, before me, Odetta H. Devera Notary Public, personally appeared Wei-Ning Shen, 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Odetta H. Devera

(SEAL)



Date: 12/15/05



Xinkang Tian

State of California

County of Santa Clara) ss.)

On this 15th day of December, in the year 2005, before me, Odetta H. Devera Notary Public, personally appeared Xinkang Tian, 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Odetta H. Devera

(SEAL)

