

06-13-2006

11254 U.S. PTO
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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.

6-6-06

1. Name of conveying party(ies)

Guarav Verma
Rui-Fang Shi

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

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

Execution Date(s) June 1, 2006

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

2. Name and address of receiving party(ies)

Name: KLA-Tencor Technologies Corporation

Internal Address: _____

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)

B. Patent No.(s)

EAYALEW1 00000013 11447619

(40.00 OP)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Jed Caven

Internal Address: Caven & Aghevli LLC

Street Address: 9249 S. Broadway, Unit 200-201

City: Highlands Ranch

State: CO Zip: 80129

Phone Number: (720) 841-9544

Fax Number: (303) 265-9241

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- 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 0663
Expiration Date 09/07/2007

b. Deposit Account Number _____

Authorized User Name Jed Caven

9. Signature:

Signature

June 6, 2006

Date

Jed Caven

Name of Person Signing

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

3

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number Unknown
Filing Date..... Herewith
Inventorship..... Verma, et al.
Applicant KLA-Tencor Technologies Corporation
Attorney's Docket No. KLAP1789US
Title: SEMICONDUCTOR DEVICE PATTERN GENERATION

PATENT ASSIGNMENT

WHEREAS, ASSIGNOR(S) (listed below) are inventor(s) of an invention entitled "SEMICONDUCTOR DEVICE PATTERN GENERATION" as described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, KLA-Tencor Technologies Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of California, having a place of business at One Technology Drive, Milpitas, California 95035, USA, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

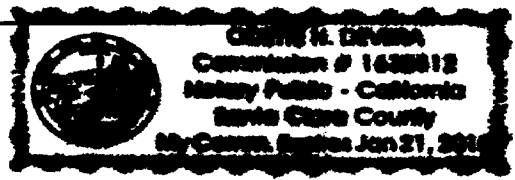
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign, and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s)
Inventor's Signature *Guarav* Date Assignment Signed June-01-06
Inventor's Typed Name: GUARAV VERMA

State of: California
County of: Santa Clara

Before me this 1st day of June 2006, personally appeared GUARAV VERMA, who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My Commission Expires: Jan 21, 2010



IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s)
Inventor's Signature *Rui-Fang Shi* Date Assignment Signed 6/1/06
Inventor's Typed Name: RUI-FANG SHI

State of: California
County of: Santa Clara

Before me this 1st day of June 2006, personally appeared RUI-FANG SHI, who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My Commission Expires: Jan 21, 2010

