

03-30-2006  
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**PATENTS UNIT**

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

3-23-06

113277 U.S. P.T.O.  
11/387952  
032306

**1. Name of conveying party(ies)**

Steven W. Meeks  
Mahendra P. Ramachandran  
Alireza Shahdoost

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

**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

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

Execution Date(s) March 23, 2006

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

**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)

HLE333 00000036 11387952

40.00 DP

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

March 23, 2006

Date

Jed Caven  
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

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number ..... Unknown  
Filing Date..... Herewith  
Inventorship ..... Meeks, et al.  
Applicant..... KLA-Tencor Technologies Corporation  
Attorney's Docket No. ....KLAP1740US  
Title: WIDE SPATIAL FREQUENCY TOPOGRAPHY AND ROUGHNESS MEASUREMENT

**PATENT ASSIGNMENT**

WHEREAS, ASSIGNOR(S) (listed below) are inventor(s) of an invention entitled "WIDE SPATIAL FREQUENCY TOPOGRAPHY AND ROUGHNESS MEASUREMENT" 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)

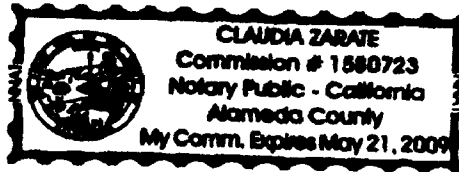
Inventor's Signature [Handwritten Signature]

Date Assignment Signed 3/20/06

Inventor's Typed Name: Steven W. Meeks

State of: California

County of: Alameda



[Handwritten Signature]

Before me this 20<sup>th</sup> day of March, personally appeared Steven W. Meeks, 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: May 21, 2009

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s)

Inventor's Signature [Handwritten Signature]

Date Assignment Signed 03/20/06

Inventor's Typed Name: Mahendra Prabhu Ramachandran

State of: California

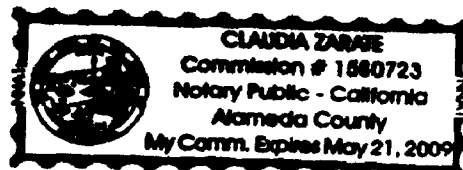
County of: Alameda

Before me this 20<sup>th</sup> day of March, personally appeared Mahendra Prabhu Ramachandran, 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.

Mahendra Prabhu Ramachandran

Notary Public

My Commission Expires: May 21, 2009  
[Handwritten Signature]



IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s)

Inventor's Signature Alireza Shahdoost Moghadam Date Assignment Signed 03/20/2006

Inventor's Typed Name: Alireza Shahdoost Moghadam

State of: California

County of: Alameda

Before me this 20<sup>th</sup> day of March, personally appeared Alireza Shahdoost Moghadam, 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: May 21, 2009

*[Handwritten Signature]*

