

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Ashok Kulkarni | 03/06/2007 |
| Gordon Rouse | 03/07/2007 |
| Brian Duffy | 03/09/2007 |
| Kais Maayah | 03/06/2007 |
| 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 | |
| Property Type | Number |
| Application Number: | 11561735 |
| CORRESPONDENCE DATA | |
| Fax Number: | (212)310-1826 |
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| Email: | nycipd@bakernet.com |
| Correspondent Name: | Baker & McKenzie LLP |
| Address Line 1: | 1114 Avenue of the Americas |
| Address Line 4: | New York, NEW YORK 10036 |
| ATTORNEY DOCKET NUMBER: | 56197200-332 |
| NAME OF SUBMITTER: | Ann Marie Mewherter |
| Total Attachments: 6 | |
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ASSIGNMENT

WHEREAS, I/We,

Ashok Kulkarni
1149 Valley Quail Circle
San Jose, CA 95120
Citizenship: United States,

Brian Duffy
1073 Crosswind Ct.
San Jose, CA 95120
Citizenship: United States,

Kais Maayah
20667 Forge Way, Apt. 334
Cupertino, CA 95014
Citizenship: Jordan, and

Gordon Rouse
7962 Shannon Ct.
Dublin, CA 94568
Citizenship: United States,

have made certain new and useful inventions and discoveries, for which I/we have filed an application for Letters Patent entitled **METHODS AND SYSTEMS FOR UTILIZING DESIGN DATA IN COMBINATION WITH INSPECTION DATA**, filed under Application No. 11/561,735 on November 20, 2006, and

WHEREAS, **KLA-TENCOR TECHNOLOGIES CORPORATION**, having a place of business at One Technology Drive, Milpitas, CA 95035, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, and other valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said

applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that I/we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance.

5. Bind my/our heirs, legal representatives, and assigns, as well as myself/ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me/us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me/us, my/our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my/our control or in the control of my/our heirs, legal representatives, or assigns which may be useful for establishing the facts of my/our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

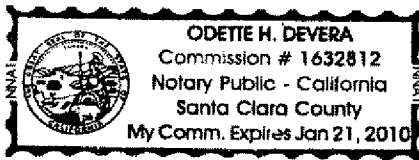
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 6 day of
March, 2007

Ashok Kulkarni

Ashok Kulkarni

STATE OF CA)
COUNTY OF Santa Clara)

On this 6th day of March 2007, before me came **Ashok Kulkarni**, to
me known and known to me to be the individual described in, and who executed the foregoing
instrument, and he has acknowledged to me that he has executed the same.



Odetta H. Devera

Notary Public

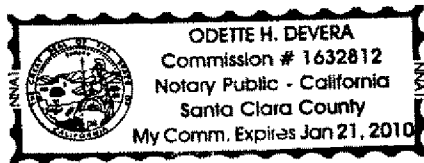
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____
 day of 3/9, 2007

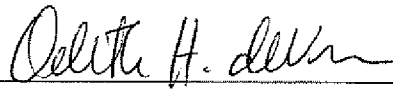


 Brian Duffy

STATE OF CA,
 COUNTY OF San Mateo

On this 9th day of March 2007, before me came **Brian Duffy**, to me
 known and known to me to be the individual described in, and who executed the foregoing
 instrument, and he has acknowledged to me that he has executed the same.





 Notary Public

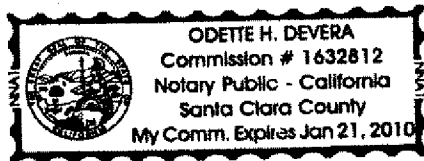
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____
day of March 6th, 2007



Kais Maayah

STATE OF CA)
COUNTY OF Santa Clara)


On this 6th day of March 2007, before me came **Kais Maayah**, to me
known and known to me to be the individual described in, and who executed the foregoing
instrument, and he has acknowledged to me that he has executed the same.





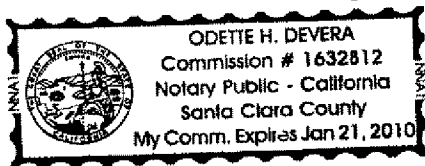
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 7th
day of March, 2007


Gordon Rouse

STATE OF CA)
COUNTY OF Santa Clara

On this 7th day of March, 2007, before me came **Gordon Rouse**, to
me known and known to me to be the individual described in, and who executed the foregoing
instrument, and he has acknowledged to me that he has executed the same.




Notary Public