PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mehran Nasser-Ghodsi	03/14/2008
Ming Lun Yu	03/14/2008
Stuart Friedman	04/23/2008
Gabor Toth	03/26/2008

RECEIVING PARTY DATA

Name:	KLA-TENCOR CORPORATION
Street Address:	160 RIO ROBLES
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12032526

CORRESPONDENCE DATA

Fax Number: (510)668-0239

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 4: Fremont, CALIFORNIA 94539

ATTORNEY DOCKET NUMBER:	KLA-P1988/US
NAME OF SUBMITTER:	JOSHUA D. ISENBERG

Total Attachments: 3

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PATENT REEL: 020847 FRAME: 0824

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PATENT REEL: 020847 FRAME: 0825

Attorney Docket No: KLA-P1988/US

ASSIGNMENT

THIS ASSIGNMENT, by MEHRAN NASSER-GHODSI, MING LUN YU, STUART FRIEDMAN and GABOR TOTH (hereinafter referred to as the Assignors), residing at HAMILTON, MASSACHUSETTS, FREMONT, CALIFORNIA, PALO ALTO, CALIFORNIA and SAN JOSE, CALIFORNIA respectively witnesseth:

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

"METHOD AND INSTRUMENT FOR CHEMICAL DEFECT CHARACTERIZATION IN HIGH VACUUM"

which are described in an application for letters patent number 12/032,526, filed February 15, 2008.

WHEREAS,

KLA-TENCOR CORPORATION

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of **DELAWARE**, and having offices at **160 RIO ROBLES**, **SAN JOSE**, **CALIFORNIA 95134**, 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, for good and valuable consideration, 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, or 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 hereby 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 has 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 Assignors 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.

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Assignment

PATENT REEL: 020847 FRAME: 0826 IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the date noted below.

Date: 3/4/08 M. Masse Tx. dsi Mehran Nasser-Ghodsi
State of California)
Santa Clara) ss.
County of Suith Clark
County of Saufa Clarn On this 14th day of March in the year 2008, before me, Oeleffe & Deven, Notary Public,
on and, in the year 2006, before the,, Notary Public,
personally appeared Mayan Wassey - Ghods i , 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. ODETE H. DEVERA Commission # 1632812
Notary Signature Notary Signature Notary Signature Notary Signature Notary Signature Notary Signature (SEAL) Notary Public - California Santa Clara County My Comm. Expires Jan 21, 2010
Notary Signature (SEAL) My Comm. Explies Jan 21, 2010
Date: 3/14/08 Ming Xm 4
Ming Lun Yu
State of California
) ss. County of)
1 1 the second of the second o
On this 14th day of Ward, in the year 2008, before me, Olette H. Dwm, Notary Public,
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personally appeared
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.
ODETTE H. DEVERA
WITNESS my hand and official seal. Commission # 1632812
Notary Public California
Notary Signature (SEAL) Santa Clara County My Comm. Expires Jan 21, 2010

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Assignment

Date: 4/23/08
State of California State of California
County of Sauta Clara, sss. On this 23rd day of April, in the year 2008, before me, Celette H. Deven Notary Public.
personally appeared Stract Fred man 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. ODETIE H. DEVERA Commission # 1632812
Notary Signature Odthe H. all (SEAL) Notary Signature (SEAL) Notary Public - California Santa Clara County My Comm. Expires Jan 21, 2010
Date: March 26, 2008
Gabor Toth
County of Santa Clan) ss. On this Uth day of March, in the year 2008, before me, Other Dura Notary Public,
On this 71th day of March, in the year 2008, before me, Oleth Durk Notary Public,
personally appeared Cabor 7016, 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. ODEHE H. DEVERA Commission # 1632812
Notary Signature Olate H. All (SEAL) Notary Public - California Santa Clara County My Comm. Expires Jan 21, 2010

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RECORDED: 04/23/2008

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