

11-29-2001

ASSIGN



SHEET

101903100

JCE72 U.S. PTO
09/990171
11/21/01

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies) *11/21/01*
- a) Mehran Nasser-Ghodsi
 - b) Anne Testoni
 - c) Steve Oestreich
2. Name and address of receiving party(ies):
- a) Name: KLA- Tencor Technologies Corporation
Address: One Technology Drive, Milpitas, California 95035

3. Nature of conveyance
- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Dates:

- a) Mehran Nasser-Ghodsi 11/16/01
- b) Anne Testoni 11/06/01
- c) Steve Oestreich 11/12/01

4. Application Number(s) or Patent Number(s): Unknown

The title of the (new) application is:

METHODS AND APPARATUS FOR VOID CHARACTERIZATION

5. Please send all correspondence concerning this (these) documents to:

11/26/2001 MDAMTE1 00000002 09990171
04 FC:581

40.00 OP

Beyer Weaver & Thomas, LLP
P.O. Box 778
Berkeley, CA 94704-0778
Ph: (510) 843-6200
Fax: (510) 843-6203
(Customer Number: 022434)

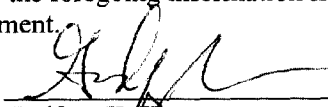
6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. KLA1P041)

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

Date: November 21, 2001



 Godfrey K. Kwan
 Registration No. 46,850

Attorney Docket No. KLA1P041/P773

(Revised 01/96)

PATENT
REEL: 012319 FRAME: 0885

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

METHODS AND APPARATUS FOR VOID CHARACTERIZATION

(Atty. Docket No. KLA1P041/P773), (check one)

- for which I have executed a U.S. patent application on even date herewith. (Accompanying)
 which bears U.S. application No. _____ . (Not accompanying)
 which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I an undersigned inventor hereby:

- 1) Sell, assign and transfer to KLA-Tencor Technologies Corporation, a California corporation having a place of business at One Technology Drive, Milpitas, CA 95035 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

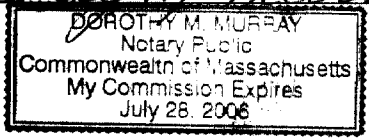
1. Inventor Signature: Mehran Nasser-Ghodsi Date: 11/16/01
Mehran Nasser-Ghodsi

State of California)
)
County of _____) ss.

On this 16 day of November, in the year 2001, before me, Dorothy M. Murray Notary Public, personally appeared Mehran Nasser-Ghodsi, 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/she executed the same in his/her authorized capacity(ies), and that by his/her 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 Dorothy M. Murray (SEAL)



2. Inventor Signature: _____ Date: _____
Anne Testoni

State of California)
)
County of _____) ss.

On this _____ day of _____, in the year 2001, before me, _____, Notary Public personally appeared Anne Testoni, 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/she executed the same in his/her authorized capacity(ies), and that by his/her 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 _____ (SEAL)

3. Inventor Signature: _____ Date: _____
Steve Oestreich

State of California)
)
County of _____) ss.

On this _____ day of _____, in the year 2001, before me, _____, Notary Public personally appeared Steve Oestreich, 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/she executed the same in his/her authorized capacity(ies), and that by his/her 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 _____ (SEAL)

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METHODS AND APPARATUS FOR VOID CHARACTERIZATION

(Atty. Docket No. KLA1P041/P773), (check one)

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 which bears U.S. application No. _____ . (Not accompanying)
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- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
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- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1. **Inventor Signature:** _____

Date: _____

Mehran Nasser-Ghodsi

State of California)

County of _____) ss.

On this ____ day of _____, in the year 2001, before me, _____, Notary Public, personally appeared Mehran Nasser-Ghodsi, 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/she executed the same in his/her authorized capacity(ies), and that by his/her 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 _____

(SEAL)

2. **Inventor Signature:** Anne J Testoni

Date: 11/6/2001

Anne Testoni

State of California)

County of _____) ss.

On this ____ day of _____, in the year 2001, before me, _____, Notary Public personally appeared Anne Testoni, 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/she executed the same in his/her authorized capacity(ies), and that by his/her 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 _____

(SEAL)

3. **Inventor Signature:** _____

Date: _____

Steve Oestreich

State of California)

County of _____) ss.

On this ____ day of _____, in the year 2001, before me, _____, Notary Public personally appeared Steve Oestreich, 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/she executed the same in his/her authorized capacity(ies), and that by his/her 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 _____

(SEAL)

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(Atty. Docket No. KLA1P041/P773), (check one)

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- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1. **Inventor Signature:** _____

Date: _____

Mehran Nasser-Ghodsi

State of California)
)
County of _____)

ss.

On this _____ day of _____, in the year 2001, before me, _____, Notary Public, personally appeared Mehran Nasser-Ghodsi, 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/she executed the same in his/her authorized capacity(ies), and that by his/her 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 _____

(SEAL)

2. **Inventor Signature:** _____

Date: _____

Anne Testoni

State of California)
)
County of _____)

ss.

On this _____ day of _____, in the year 2001, before me, _____, Notary Public personally appeared Anne Testoni, 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/she executed the same in his/her authorized capacity(ies), and that by his/her 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 _____

(SEAL)

3. **Inventor Signature:** _____

Date: 11-12-01

Steve Oestreich

State of California)
)
County of _____)

ss.

On this _____ day of _____, in the year 2001, before me, _____, Notary Public personally appeared Steve Oestreich, 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/she executed the same in his/her authorized capacity(ies), and that by his/her 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 _____

(SEAL)