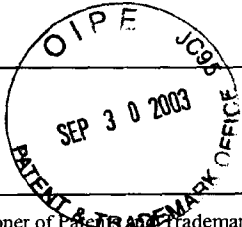


10-09-2003

Atty. Dkt. No. 5589-02325



102571369

To the Honorable Commissioner of Patents and Trademarks. Please

of.

1. Name of conveying party(ies):

Ady Levy
Kyle A. Brown
Rodney Smedt
Gary Bultman
Dan Wack
John Fielden
Ibrahim Abdul-Halim

2. Name and address of receiving party(ies):

Name: KLA-Tencor Technologies Corp.
Internal Address: _____
Street Address: One Technology Drive
City: Milpitas State: CA ZIP: 95035

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

Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: July 25, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is: July 25, 2003

A. Patent Application No.(s) B. Patent No.(s) Yes No
Additional numbers attached? Yes No

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

Name: Conley Rose, P.C.
Internal Address: _____
Street Address: P.O. Box 684908
City Austin State TX ZIP 78768-4908

6. Total number of applications and patents involved: one (1)

7. Total fee (37 CFR 3.41):\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 03-2769/5589-02325
(Attach a duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and Signature.

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.

Ann Marie Mewherter Ann Marie Mewherter 9/25/03
Name of Person Signing Signature Date
Reg. No. 50,484

Total number of pages including cover sheet: 21

RECEIVED

OCT 03 2003

OFFICE OF PETITIONS
PATENT

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to KLA-TENCOR TECHNOLOGIES CORPORATION (the "Assignee"), a corporation having its principal place of business at One Technology Drive, Milpitas, CA 95035 the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in an application for United States Letters Patent entitled "METHODS AND SYSTEMS FOR DETERMINING A CRITICAL DIMENSION AND OVERLAY OF A SPECIMEN," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee; and

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

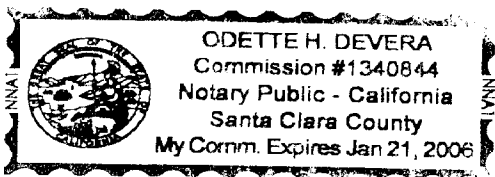
(Signature) Ady Levy
Name: Ady Levy

Date: 7/25/2003

STATE OF California §
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 25th day of July, 2003, personally appeared Ady Levy known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Odetta H. Devera
Notary or Consular Officer

(Signature) _____
Name: Kyle A. Brown

Date: _____

STATE OF California §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Kyle A. Brown known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

(Signature) _____
Name: Rodney Smedt

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Rodney Smedt known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

(Signature) Gary Bultman
Name: Gary Bultman

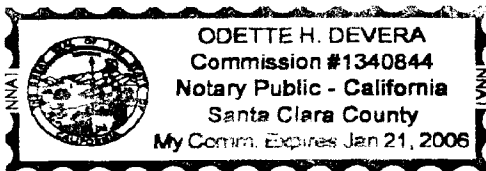
Date: 7/18/03

STATE OF California §
 §
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 18th day of July, 2003, personally appeared Gary Bultman known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Odette H. Devera
Notary or Consular Officer



(Signature) _____
Name: Mehrdad Nikoonahad

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Mehrdad Nikoonahad known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

(Signature) *Daniel C Wack*
Name: Dan Wack

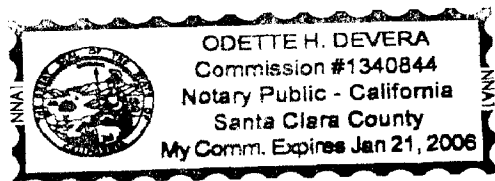
Date: 7/21/2003

STATE OF California §
 §
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 21st day of July, 2003, personally appeared Dan Wack known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Odetta H. Devera
Notary or Consular Officer



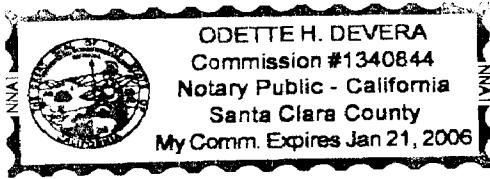
(Signature) John Fielden
Name: John Fielden

Date: 7/18/2003

STATE OF California §
COUNTY OF Santa Clara §

BEFORE ME, the undersigned authority, on this 18th day of July, 2003, personally appeared John Fielden known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Odetta H. Devera
Notary or Consular Officer

(Signature) _____
Name: Ibrahim Abdul-Halim

Date: _____

COUNTRY OF Israel §
§
§

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Ibrahim Abdul-Halim known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

Ann Marie Mewherter
Conley Rose, P.C.
P.O. Box 684908
Austin, TX 78768-4908
(512) 476-1400

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to KLA-TENCOR TECHNOLOGIES CORPORATION (the "Assignee"), a corporation having its principal place of business at One Technology Drive, Milpitas, CA 95035 the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in an application for United States Letters Patent entitled "METHODS AND SYSTEMS FOR DETERMINING A CRITICAL DIMENSION AND OVERLAY OF A SPECIMEN," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee; and

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) _____
Name: Rodney Smedt

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Rodney Smedt known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

(Signature) _____
Name: Gary Bultman

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Gary Bultman known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

8/20

(Signature) _____
Name: Mehrdad Nikoonahad

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Mehrdad Nikoonahad known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

(Signature) _____
Name: Dan Wack

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Dan Wack known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

9/20

(Signature) _____
Name: John Fielden

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared John Fielden known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

(Signature) _____
Name: Ibrahim Abdul-Halim

Date: _____

COUNTRY OF Israel §
 §
 §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Ibrahim Abdul-Halim known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

Ann Marie Mewherter
Conley Rose, P.C.
P.O. Box 684908
Austin, TX 78768-4908
(512) 476-1400

10/20

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to KLA-TENCOR TECHNOLOGIES CORPORATION (the "Assignee"), a corporation having its principal place of business at One Technology Drive, Milpitas, CA 95035 the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in an application for United States Letters Patent entitled "METHODS AND SYSTEMS FOR DETERMINING A CRITICAL DIMENSION AND OVERLAY OF A SPECIMEN," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee; and

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

11/20

(Signature) _____
Name: Ady Levy

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Ady Levy known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

(Signature) _____
Name: Kyle A. Brown

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Kyle A. Brown known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

12/20

(Signature) _____
Name: Rodney Smedt

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Rodney Smedt known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

(Signature) _____
Name: Gary Bultman

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Gary Bultman known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

13/20

(Signature) _____
Name: Mehrdad Nikoonahad

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Mehrdad Nikoonahad known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

(Signature) _____
Name: Dan Wack

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Dan Wack known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

14/20

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to KLA-TENCOR TECHNOLOGIES CORPORATION (the "Assignee"), a corporation having its principal place of business at One Technology Drive, Milpitas, CA 95035 the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in an application for United States Letters Patent entitled "METHODS AND SYSTEMS FOR DETERMINING A CRITICAL DIMENSION AND OVERLAY OF A SPECIMEN," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

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TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

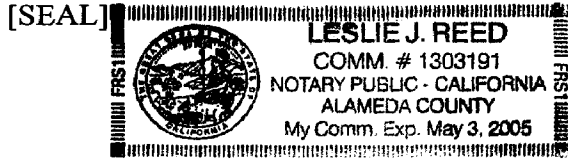
16/20

(Signature) [Handwritten Signature]
Name: Rodney Smedt

Date: 8-29-03

STATE OF California §
COUNTY OF Alameda §

BEFORE ME, the undersigned authority, on this 29 day of August, 2003, personally appeared Rodney Smedt known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.



[Handwritten Signature]
Notary or Consular Officer

(Signature) _____
Name: Gary Bultman

Date: _____

STATE OF California §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Gary Bultman known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

18/20

(Signature) _____
Name: Mehrdad Nikoonahad

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Mehrdad Nikoonahad known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

(Signature) _____
Name: Dan Wack

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Dan Wack known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

19/20

(Signature) _____
Name: John Fielden

Date: _____

STATE OF California §
 §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared John Fielden known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

(Signature) _____
Name: Ibrahim Abdul-Halim

Date: _____

COUNTRY OF Israel §
 §
 §

BEFORE ME, the undersigned authority, on this _____ day of _____, 2003, personally appeared Ibrahim Abdul-Halim known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Notary or Consular Officer

Ann Marie Mewherter
Conley Rose, P.C.
P.O. Box 684908
Austin, TX 78768-4908
(512) 476-1400

20/20