

11-24-1998



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FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011

U.S. Department of Commerce
Patent and Trademark Office

Resub

11-19-98

Record As of 11.28.98

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

SEH KWANG LEE Date 07/24/1998
JOHN EGERMEIER Date 07/24/1998

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: _____

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

Name: Applied Materials, Inc.
Internal Address: P.O. Box 450-A
Street Address: _____
City: Santa Clara State: CA Zip: 95052

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

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

If this document is being filed together with a new application, the execution date of the application is: _____ (Date of Filing)

A. Patent Application No.(s) 09/123507

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Patent Counsel
Internal Address: APPLIED MATERIALS, INC.
Street Address: P.O. Box 450-A
City: Santa Clara State: CA Zip: 95052

6. Total number of applications and patents involved: _____

7. Total fee (37 C.F.R. 3.41)----- \$ 40.00

Enclosed
 Authorized to be charged to deposit account

01-1651

8. Deposit account number: 40E
01-1651

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9. Statement and signature.

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

ROBERT W. MULCAHY Reg No. 25,436
Name of Person Signing

11/16/98
Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

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Resubmission MRD 11/19/98

08-05-1998

Form PTO-1595
1-3-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



TER

MRD
7-28-98

100784689

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Seh-Kwang Lee and John Egermeier Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Applied Materials, Inc. 3050 Bowers Avenue Santa Clara, CA 95054 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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 _____ Execution Date	jc549 U.S. PTO 09/123507 07/28/98

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

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

A. Patent Application No.(s): **

B. Patent No.(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Donald VerPlancken, Esq. Patent Counsel APPLIED MATERIALS, INC. P.O. Box 450A Santa Clara, CA 95052	6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41).....\$ 40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 01-1651 (Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature.

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

ROBERT W. MULCAHY 7/27/98
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document: [3]

OMB No. 0651-0011 (exp. 4/94)

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08/03/1998 DNGUYEN 00000183 011651 09123507 Commissioner of Patents and Trademarks
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01 FC:581 40.00 CH

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PATENT
REEL: 9593 FRAME: 0960

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	SEH KWANG LEE 802-704, HOOKOK MAEUL, 1057 ILSAN 3-DONG, ILSAN-KU KOYANG CITY, KOREA	2)	JOHN EGERMEIER 6513 PAJARO COURT SAN JOSE, CA U.S.A
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(hereinafter referred to as Assignors), have invented a certain invention entitled:

" TARGET MISALIGNMENT DETECTOR"

for which application for Letters Patent in the United States was filed on

7-28-98
under Serial No. Unknown, executed on even date herewith.

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

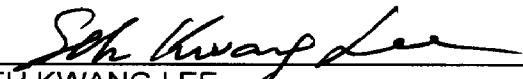
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

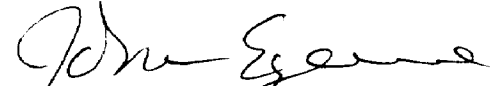
IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) July 24, 1998



SEH KWANG LEE

2) July 27th, 1998



JOHN EGEMEIER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

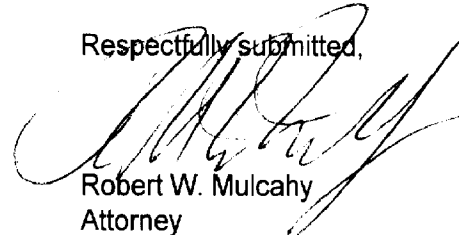
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Re: Inventor: LEE et al.
Title: TARGET MISALIGNMENT DETECTOR
Serial No: 09/123,507 Filing Date: JULY 28, 1998

In response to the enclosed "NOTICE OF NON-RECORDATION OF DOCUMENT", transmitted herewith is a further request for recordal of an assignment of the subject invention in the form of the enclosed new RECORDATION FORM COVER SHEET (FORM 1595). Additionally enclosed is the original rejected Form 1595 for the convenience of the Office.

- No additional fee is required.
- The total fee of \$40.00 under 37 CFR 3.41 has been authorized for payment in the enclosed FORM 1595.
- The Commissioner is hereby authorized to charge any additional fees (to the \$40.00 authorized in the enclosed FORM 1595) which may be required, or credit any overpayment to Deposit Account No. 01-1651. A duplicate copy of this transmittal is enclosed.
- Return Receipt postcard.

Respectfully submitted,



Robert W. Mulcahy
Attorney
Registration No. 25,436

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail addressed to: U.S. Patent and Trademark Office, Assignment Division, Box Assignments, 1213 Jefferson Davis Hwy., Suite 320, Washington, D.C. 20231.

Name: Beth Mulcahy

Date of Deposit 11-16-1998

Signature Beth Mulcahy