

08-19-1998

650-326-2422 P.18
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Attorney Docket No. AM2099/T2040C

FORM PTO-1595
(Rev. 8-93)

MRD 3-12-98

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MAR 17 1998
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Chris Ngai, Joel Glenn, Mei Yee Shek, Judy Huang

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

Name: Applied Materials, Inc.

Internal Address: Legal Affairs Department

Street Address: P.O. Box 450A

City: Santa Clara State: CA ZIP: 95052

Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: February 25, 1998

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) 08/923,501

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
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O. Box 450A, M/S 2061
Santa Clara, California 950526. Total number of applications and patents involved:

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

- ☐ Enclosed ☒ Charge Fees to Deposit Account
☒ Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account

8. Deposit account number: 20-1430

08/14/1998 TTM11 0000047 201430 00923501

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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.*William L. Shaffer
Name of Person Signing

Signature

March 12, 1998
Date

Atty. Reg. No. 37,234

Total number of pages including cover sheet, attachments, and document: 10. Change Correspondence Address to that of Part 5? ☒ Yes ☐ No

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

Mail documents to be recorded with required cover sheet information to:
Do not detach this portion
Asst. Commissioner for Patents
Box Assignments
Washington, D.C. 20231

PATENT

Attorney Docket No.: AM2099/T20400

ASSIGNMENT FOR APPLICATION FOR PATENT**WHEREAS:****Names and Addresses
of Inventors:**

1)	CHRIS NGAI 2606 Summit Drive Burlingame, California 94010	2)	JOEL GLENN 613 Stagecoach Drive Little Elm, Texas 75068
3)	MEI YEE SHEK 33 Stanley Drive Burlingame, California 94010	4)	JUDY HUANG 16788 Leroy Avenue Los Gatos, California 95032
5)		6)	

(hereinafter referred to as Assignors), have invented a certain invention entitled:

***"CONTROL OF SEMICONDUCTOR DEVICE ISOLATION PROPERTIES THROUGH
INCORPORATION OF FLUORINE IN PETEOS FILMS"***for which application for Letters Patent in the United States was filed on **September 4, 1997**,
under Serial No. **08/923,501**, executed on even date herewith; and

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)	_____	1998	CHRIS NGAI
2)	February 25th	1998	JOEL GLENN
3)	_____	1998	MEI YEE SHEK
4)	_____	1998	JUDY HUANG

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Attorney Docket No.: AM2099/T20400

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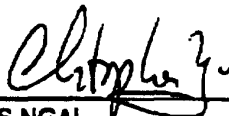
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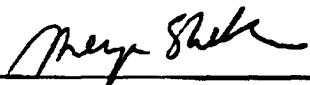
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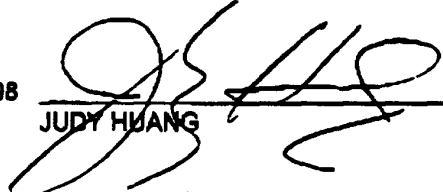
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1) 2/3 1998 
CHRIS NGAI

2) _____ 1998 _____
JOEL GLENN

3) 2/3 1998 
MEI YEE SHEK

4) Feb 2 1998 
JUDY HUANG

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