

REGISTRATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

WAI-FAN YAU	February 11, 1998
DAVID CHEUNG	February 11, 1998
SHIN-FUU JENG	February 11, 1998
KUOWEI LIU	February 11, 1998
YUNG-CHENG LU	February 11, 1998

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

2. Name and address of receiving party(ies)

Name: APPLIED MATERIALS, INC.

Internal Address: Patent Counsel

Street Address: P.O. Box 450-A

City: Santa Clara

State: CA

Country: USA Zip: 95052

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

3. Nature of conveyance:

Execution Date(s) See dates noted above.

- | | |
|---|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Government Interest Assignment | |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License | |
| <input type="checkbox"/> Other _____ | |

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

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/923,037, filed October 24, 2007

Additional numbers attached? Yes No

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

Name: Patterson & Sheridan, L.L.P.

Internal Address: Applied Materials, Inc.

Street Address: 3040 Post Oak Boulevard, Suite 1500

City: Houston

State: TX Zip: 77056

Phone Number: (713) 623-4844

Fax Number: (713) 623-4846

Email Address: tpatterson@pattersonsheridan.com

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers: _____
Expiration Date: _____

b. Deposit Account Number
50-1074/002592.C14/DSN/LOW K/JPFEIFER

Authorized User Name Robert M. Mulcahy

9. Signature:



Signature

January 22, 2008

Date

Robert W. Mulcahy

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 501074 11923037

PATENT
Atty. Dkt. A MAT/2592/PDD/LOWK/MBE**ASSIGNMENT FOR APPLICATION FOR PATENT****WHEREAS:****Names and Addresses of Inventors:**

- | | |
|--|--|
| 1) WAI-FAN YAU
1568 Gretel Lane
Mountain View, CA 94040 | 4) KUOWEI LIU
163 N. San Tomas Aquino Road
Santa Clara, CA |
| 2) DAVID CHEUNG
235 Billingsgate Lane
Foster City, CA 94404 | 5) YUNG-CHENG YU
3671 Greenlee Drive, #3
San Jose, CA 95117 |
| 3) SHIN-PUU JENG
20804 Dunber Dr.
Cupertino, CA 95054 | |

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

**METHOD OF DEPOSITING A LOW K DIELECTRIC
WITH ORGANO SILANE**

for which application for Letters Patent in the United States is being executed and filed 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.

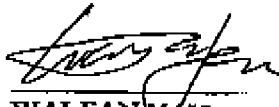




PATENT
Atty. Dkt. AMAT/2592/PDE/LOWK/MBE

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)	<u>Feb 11th</u>	1998		_____
			WAI-FAN YAU	
2)	<u>Feb 11</u>	1998		_____
			DAVID CHEUNG	
3)	<u>Feb 11</u>	1998		_____
			SHIN-PUU JENG	
4)	<u>Feb. 11</u>	1998		_____
			KUOWEI LIU	
5)	<u>Feb 11</u>	1998		_____
			YUNG-CHENG LU	

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