

09-15-2005

ney Docket No. A10146/T62200

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



103082257

11-22/303

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

1. Name of conveying party(ies)

Xiaolin Chen
Srinivas D. Nemani
DongQing Li
Jeffrey C. Munro
Marlon E. Menezes

Execution Date
08-29-05
09-06-05
08-29-05
08-29-05
09-01-05

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

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: California

Country: USA Zip: 95052

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) see above

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Patent Counsel

Internal Address: APPLIED MATERIALS, INC.

Legal Affairs Department

Street Address: P.O. Box 450A, M/S 2061

City: Santa Clara

State: California Zip: 95052

Phone Number: 650-326-2400

Fax Number: 415-576-0300

Email Address: wlshaffer@townsend.com

6. Total number of applications and patents involved: 1

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

Authorized User Name Applied Materials, Inc.

9. Signature:

Robert W. Mulcahy

Signature

09/07/05

Date

09/14/2005 DBYRNE 00000308 501074 11221303 Robert W. Mulcahy

01 FC:8021 40.00 DA Name of Person Signing Atty. Reg. No. 25,436

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

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
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60572475 v1

PATENT
REEL: 016966 FRAME: 0751

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	Xiaolin Chen 1552 Chihong Drive San Jose, CA 95131 United States	2)	Srinivas D. Nemani 504 Fern Ridge Court Sunnyvale, CA 94087 United States
3)	DongQing Li 40600 Marino Way Fremont, CA 94539 United States	4)	Jeffrey C. Munro 1640 Hope Drive, #1035 Santa Clara, CA 95054 United States
5)	Marlon E. Menezes 421 Sierra Avenue, #5 Mountain View, CA 94043 United States		

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

POST DEPOSITION PLASMA TREATMENT TO INCREASE TENSILE STRESS OF HDP-CVD SiO₂

for which application for Letters Patent in the United States was filed on **Herewith**, under Application No. **Unassigned**, 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:

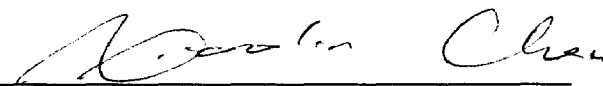


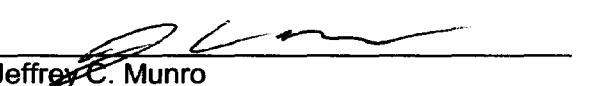
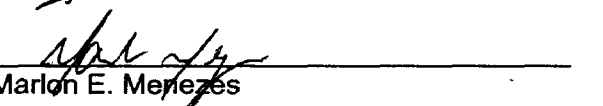
1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention 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)	<u>8/29</u>	, 2005	 Xiaolin Chen
2)	<u>9/6</u>	, 2005	 Srinivas D. Nemani
3)	<u>8/29</u>	, 2005	 DongQing Li
4)	<u>8/29</u>	, 2005	 Jeffrey C. Munro
5)	<u>9/1</u>	, 2005	 Marlon E. Menezes

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