

1/27/05

02-10-2005



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13013 U.S. PTO  
11/044246

012705

To the Director of the U.S. Patents and

ments or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

SEON-MEE CHO MAY 21, 2001  
PETER WAI-MAN LEE MAY 21, 2001  
CHI-I LANG MAY 21, 2001  
DIAN SUGIARTO MAY 21, 2001

2. Name and address of receiving party(ies)

Name: **APPLIED MATERIALS, INC.**

Internal Address: Patent Counsel

Execution Date(s) See Above

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

Street Address: P.O. Box 450-A

City: Santa Clara

State: CA

Country: USA

Zip: 95052

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

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)

Additional numbers attached?  Yes  No

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

Name: Applied Materials Inc

Internal Address: Patent Counsel

Street Address: P.O. Box 450-A

City: Santa Clara

State: CA

Zip: 95052

Phone Number: 713-623-4844

Fax Number: 713-623-4846

Email Address: tpatterson@msllp.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: 50-1074/5977.C2/JW

Authorized User Name \_\_\_\_\_

9. Signature:

01/27/05

Date

02/10/2005 6TON11 00000104 501074 11044248

01 FC:8021 40.00 DA

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

8

**ROBERT W. MULCAHY, REG. NO. 25,436**

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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### RECORDATION FORM COVER SHEET

Page 2

CHEN-AN CHEN  
LI-QUN XIA  
SHANKAR VENKATARAMAN  
ELLIE YIEH

JUNE 18, 2001  
MAY 21, 2001  
MAY 21, 2001  
JUNE 18, 2001

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

COPY

Names and Addresses of Inventors:

1)	SEON-MEE CHO 121 Saratoga Avenue, Apt. 4116 Santa Clara, CA 95051	2)	PETER WAI-MAN LEE 1037 Bentoak Lane San Jose, CA 95129
3)	CHI-I LANG 1262 Rembrandt Drive Sunnyvale, CA 94087	4)	DIAN SUGIARTO 966 Cascade Drive Sunnyvale, CA 94097
5)	CHEN-AN CHEN 2101 Calle Vista Verde Milpitas, CA 95035	6)	LI-QUN XIA 868 Leith Avenue Santa Clara, CA 95054
7)	SHANKAR VENKATARAMAN 3444 Notre Dame Drive Santa Clara, CA 95051	8)	ELLIE YIEH 5888 Pistoia Way San Jose, CA 95138

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

**CVD PLASMA ASSISTED LOWER DIELECTRIC CONSTANT SICOH FILM**

for which application for Letters Patent in the United States was 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.

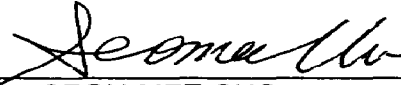
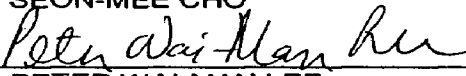
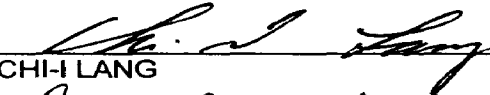

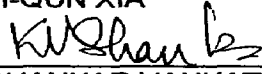
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt 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>5/21</u>	, 2001		SEON-MEE CHO
2)	<u>5/21/01</u>	, 2001		PETER WAI-MAN LEE
3)	<u>05/21/01</u>	, 2001		CHI-I LANG
4)	<u>5/21/01</u>	, 2001		DIAN SUGIARTO
5)	_____	, 2001	_____	CHEN-AN CHEN
6)	_____	, 2001	_____	LI-QUN XIA
7)	<u>5/21</u>	, 2001		SHANKAR VANKATARAMAN
8)	_____	, 2001	_____	ELLIE YIEH

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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.

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- 3) \_\_\_\_\_, 2001 \_\_\_\_\_  
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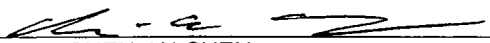
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4) \_\_\_\_\_, 2001 \_\_\_\_\_  
DIAN SUGIARTO

5) *June 18*, 2001   
CHEN-AN CHEN

6) \_\_\_\_\_, 2001 \_\_\_\_\_  
LI-QUN XIA

7) \_\_\_\_\_, 2001 \_\_\_\_\_  
SHANKAR VANKATARAMAN

8) *6/18*, 2001   
ELLIE YIEH

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