

10-11-2001



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FORM PTO 7595
(Rev. 5-93)
OMB No. 0651-0011 (exp. 4/94)

U.S. Department of Commerce
Patent and Trademark Office

1011 U.S. PTO
09/95/551
09/19/01

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

1. Name of conveying party(ies):

DAVID CHEUNG	Date	04/08/1999
WAI-FAN YAU		04/08/1999
ROBERT P. MANDAL		04/07/1999
SHIN-PUU JENG		04/06/1999
KUO-WEI LIU		04/07/1999
YUNG-CHENG LU		04/07/1999
MICHAEL BARNES		04/09/1999
RALFE B. WILLECKE		04/07/1999
FARHAD MOGHADAM		04/07/1999
TETSUYA ISHIKAWA		04/07/1999
TZE WING POON		04/10/1999

19/19/01

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: SEE ABOVE

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

Name: Applied Materials, Inc.
A Corporation of the State of Delaware
Street Address: 3050 Bowers Ave
Internal Address: M/S 2061
City: Santa Clara State: CA Zip: 95054

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) 09/957551
B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: APPLIED MATERIALS, INC
Internal Address: PATENT COUNSEL, M/S 2061
Street Address: P.O. Box 450-A
City: Santa Clara State: CA Zip: 95052

6. Total number of applications and patents involved: 1

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

Authorized to be charged to deposit account
50-1074

8. Deposit account number:
50-1074

DO NOT USE THIS SPACE

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.

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

Signature

9/19/01
Date

Total number of pages including cover sheet, attachments and document: 7

J:\FORMS\272 (AUGUST 20, 1993)

Mail documents to be recorded with required cover sheet information to:

10/10/2001 6T0N11 00000164 501074 09957551

01 FC:581 40.00 CH

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 012224 FRAME: 0726

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	DAVID CHEUNG 235 Billingsgate Lane Foster City, California 94404	2)	WAI-FAN YAU 1568 Gretel Lane Mountain View, California 94040
3)	ROBERT P. MANDAL 12472 Arroyo de Arguello Saratoga, California 95070	4)	SHIN-PUU JENG 20804 Dunbar Drive Cupertino, California 95014
5)	KUO-WEI LIU 163 N. San Tomas Aquino Rd. Campbell, California 95008	6)	YUNG-CHENG LU 3671 Greenlee Drive #3 San Jose, California 95117
7)	MICHAEL BARNES 409 Pine Ridge Drive San Ramon, California 94583	8)	RALFE B. WILLECKE 2250 Monroe St. #336 Santa Clara, California 95050
9)	FARHAD MOGHADAM 276 Old Adobe Road Los Gatos, California 95030-1653	10)	TETSUYA ISHIKAWA 873 Blossom Drive Santa Clara, California 95050
11)	TZE WING POON 1267 Lakeside Drive #2077 Sunnyvale, California 94086		

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

" PLASMA PROCESSES FOR DEPOSITING LOW DIELECTRIC CONSTANT FILMS"

for which application for Letters Patent in the United States was filed on February 10, 1999,
under Serial No.09/247,381 , 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

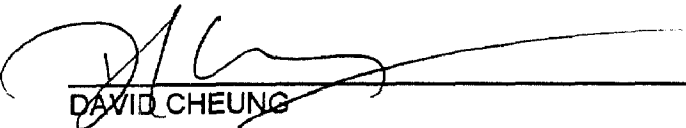
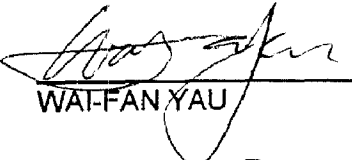

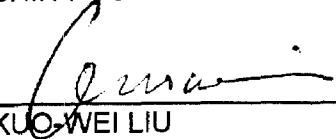

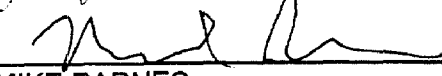
every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

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) 4/8, 1999 
DAVID CHEUNG
- 2) 4/8, 1999 
WAI-FAN YAU
- 3) April 7, 1999 
ROBERT P. MANDAL
- 4) _____, 1999 _____
SHIN-PUU JENG
- 5) April 7, 1999 
KUO-WEI LIU
- 6) April 7, 1999 
YUNG-CHENG LU
- 7) April 9, 1999 
MIKE BARNES

- 8) 4/7/83, 1999 Ralf Willecke
RALF B. WILLECKE
- 9) 4/7/99, 1999 Farhad Moghadam
FARHAD MOGHADAM
- 10) 4/7/99, 1999 Tetsuya Ishikawa
TETSUYA ISHIKAWA
- 11) 4/10/99, 1999 Tze Poon
TZE POON

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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.

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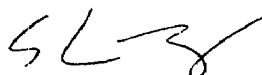
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- 3) _____, 1999

ROBERT P. MANDAL
- 4) 4/6/1, 1999 

SHIN-PUU JENG
- 5) _____, 1999

KUO-WEI LIU
- 6) _____, 1999

YUNG-CHENG LU
- 7) _____, 1999

MIKE BARNES

- 8) _____, 1999 _____
RALF B. WILLECKE
- 9) _____, 1999 _____
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- 11) _____, 1999 _____
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