

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the name of the Assignor on the cover sheet of the Assignment previously recorded on Reel 018312 Frame 0170. Assignor(s) hereby confirms the Assignment of the Assignor's Interest.

CONVEYING PARTY DATA

Name	Execution Date
Jens Karsten Schneider	07/07/2006
Ying Xiao	07/12/2006
Gerardo A. Delgadino	06/29/2006

RECEIVING PARTY DATA

Name:	Applied Materials, Inc.,
Street Address:	3050 Bowers Avenue
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11385256

CORRESPONDENCE DATA

Fax Number: (408)720-8383
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 408-720-8300
Email: Leslie_Rogan@bstz.com
Correspondent Name: APPLIED MATERIALS/BSTZ BLAKELY SOKOLOFF
Address Line 1: 1279 OAKMEAD PARKWAY
Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	10867/ETCH/DRIE/MDD
NAME OF SUBMITTER:	Jeremy A. Schweigert

Total Attachments: 9

501311820

**PATENT
 REEL: 025096 FRAME: 0200**

CH \$40.00 11385256

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APM/009-06

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 27, 2006

PTAS



103309437A

AAGAARD & BALZAN, LLP
674 COUNTY SQUARE DRIVE, SUITE 105
VENTURA, CA 93003

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 08/01/2006

REEL/FRAME: 018312/0170
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SCHNEIDER, JENS KARSTEN

DOC DATE: 07/07/2006

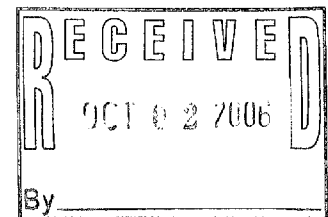
ASSIGNOR:
XIAO, YING

DOC DATE: 07/12/2006

ASSIGNOR:
~~DELGADINO, GARARDO A.~~
DELGADINO, GERARDO A.

DOC DATE: 06/29/2006

ASSIGNEE:
APPLIED MATERIALS, INC.
3050 BOWERS AVENUE, P.O. BOX 58039
LEGAL DEPT - IP
SANTA CLARA, CALIFORNIA 95054-3299



018312/0170 PAGE 2

SERIAL NUMBER: 11385256

FILING DATE: 03/20/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: ORGANIC BARC ETCH PROCESS CAPABLE OF USE IN THE FORMATION OF LOW K
DUAL DAMASCENE INTEGRATED CIRCUITS

MARCUS KIRK, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

RECORDATION FORM COVER SHEET PATENTS ONLY

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)

Jens Karsten Schneider
Ying Xiao
Garardo A. Delgadino

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 Dept. - IP

Street Address: 3050 Bowers Avenue

P.O. Box 58039

City: Santa Clara

State: CA

Country: USA Zip: 95054-3299

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

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

Execution Date(s) 07/07/06; 07/12/06; 06/29/06

- 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)
11/385,256

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: AAGAARD & BALZAN, LLP

Internal Address: _____

Street Address: 674 County Square Drive, Suite 105

City: Ventura

State: CA Zip: 93003

Phone Number: 805-658-1945

Fax Number: 805-654-9984

Email Address: _____

6. Total number of applications and patents involved: _____**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 50-1843

Authorized User Name Aagaard & Balzan, LLP

9. Signature:

Christopher R Balzan
Signature

9/11/06
Date

Christopher R. Balzan
Name of Person Signing

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

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

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1) Jens Karsten Schneider Tieckstrasse 19 Dresden Germany 01099	2) Ying Xiao 1405 Treslewood Drive San Jose CA 95139
3) Gerardo A. Delgadino 3655 Pruneridge Avenue Santa Clara CA 95051	

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

**"ORGANIC BARC ETCH PROCESS CAPABLE OF USE IN THE FORMATION OF LOW K DUAL
 DAMASCENE INTEGRATED CIRCUITS "**

for which application for Letters Patent in the United States was filed as Serial No. 11/385,256, on 03/20/2006, 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.

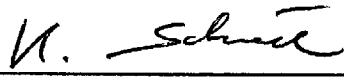
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt 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) 07 - July, 2006 
Jens Karsten Schneider
- 2) _____, 2006 _____
Ying Xiao
- 3) _____, 2006 _____
Gerardo A. Delgadino

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Jens Karsten Schneider Tieckstrasse 19 Dresden Germany 01099	2)	Ying Xiao 1405 Treslewood Drive San Jose CA 95139
3)	Garardo A. Delgadino 3655 Pruneridge Avenue Santa Clara CA 95051		

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

**"ORGANIC BARC ETCH PROCESS CAPABLE OF USE IN THE FORMATION OF LOW K DUAL
DAMASCENE INTEGRATED CIRCUITS "**

for which application for Letters Patent in the United States was filed as Serial No. 11/385,256, on 03/20/2006, 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) _____, 2006 _____
Jens Karsten Schneider
- 2) 7/12/06, 2006 _____
Ying Xiao
- 3) _____, 2006 _____
Gerardo A. Delgadino

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Jens Karsten Schneider Tieckstrasse 19 Dresden Germany 01099	2)	Ying Xiao 1405 Treslewood Drive San Jose CA 95139
3)	Gerardo A. Delgadino 3655 Pruneridge Avenue Santa Clara CA 95051		

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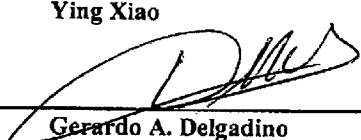
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Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (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) _____, 2006 _____
Jens Karsten Schneider
- 2) _____, 2006 _____
Ying Xiao
- 3) 06-29-06, 2006 _____

Gerardo A. Delgadino