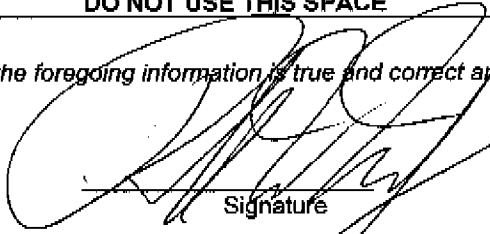


Attorney Docket No. 7985/CMP/CMP

Form PTO-1595 (Rev. 10-02) OMB No. 0851-0027 (exp. 5/31/2002)		Recordation Form Cover Sheet PATENTS ONLY		U.S. Department of Commerce U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof					
1. Name of conveying party(ies): Gopalakrishna B. Prabhu Thomas H. Osterheld Garlen C. Leung Adam H. Zhong Peter McReynolds Yi-Yung Tao Gregory E. Menk Vasanth N. Mohan Christopher Heung-Gyun Lee		Execution Date March 11, 2004 March 11, 2004 March 11, 2004 March 11, 2004 March 11, 2004 March 24, 2004 March 11, 2004 March 20, 2004 March 11, 2004		2. Name and address of receiving party(ies) Name: <u>APPLIED MATERIALS, INC.</u> Street Address: <u>3050 Bowers Avenue</u> City: <u>Santa Clara</u> State: <u>CA</u> ZIP: <u>95054</u> Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.					
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date:					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s): <u>10/693,683 filed October 24, 2003</u> B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Robert W. Mulcahy</u> <u>APPLIED MATERIALS, INC.</u> <u>P.O. Box 1450</u> <u>Santa Clara, CA 95052</u> <u>(650) 326-2400</u>			6. Total number of applications and patents involved <u>1</u> 7. Total fee (37 CFR 3.41): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account		
			8. Deposit account number: <u>50-1074</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> Robert W. Mulcahy Name of Person Signing Atty. Reg. No. 25,436 </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: center;"> <u>03/31/04</u> Date </div> </div>					
Total number of pages including cover sheet, attachments and document <u>3</u>					

CH \$40.00 501074 10693683

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Assignment Recordation Services
 Director of the U.S. Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

Atty. Docket No.: AMAT/7985/CMP/CMP/RKK

ASSIGNMENT FOR APPLICATION FOR PATENT**WHEREAS:**Names and Addresses
of Inventors:

1)	GOPALAKRISHNA B. PRABHU 3500 Quarry Park Drive San Jose, California 95136	2)	THOMAS H. OSTERHELD 1195 Barbara Avenue Mountain View, California 94040
3)	GARLEN C. LEUNG <i>411 Park Ave #116</i> 20668 Cheryl Drive <i>SAN JOSE, CA</i> Cupertino, California 95014 <i>95110</i>	4)	ADAM H. ZHONG 206 Gingerwood Drive Milpitas, California 95035
5)	PETER MCREYNOLDS 518 Castilian Way San Mateo, California 94402	6)	YI-YUNG TAO No. 32 R&D II Science Based Industrial Park Hsin Chu, TAIWAN
7)	GREGORY E. MENK <i>1833 Greenwood Rd</i> 4820 Bernal Avenue Apt. B Pleasanton, California 94566	8)	VASANTH N. MOHAN 866 Catkin Court San Jose, California 95128
9)	CHRISTOPHER HEUNG-GYUN LEE 1321 Webster Street #205 Alameda, California 94501		

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

POLISHING PROCESSES FOR SHALLOW TRENCH ISOLATION SUBSTRATES

for which application for Letters Patent in the United States was filed on October 24, 2003, under Serial No. 10/693,683, 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>03.11.04</u>	(DATE)	 _____ GOPALAKRISHNA B. PRABHU
2)	<u>3-11-04</u>	(DATE)	 _____ THOMAS H. OSTERHELD
3)	<u>3/11/04</u>	(DATE)	 _____ GARLEN C. LEUNG
4)	<u>3/11/04</u>	(DATE)	 _____ ADAM H. ZHONG

5) 3/11/04 (DATE)




PETER MCREYNOLDS

6) _____ (DATE)

YI-YUNG TAO

7) 3/11/04 (DATE)



GREGORY E. MENK

8) _____ (DATE)

VASANTH N. MOHAN

9) 3/11/04 (DATE)



CHRISTOPHER HEUNG-GYUN LEE

Atty. Docket No.: AMAT/7985/CMP/CMP/RKK

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	GOPALAKRISHNA B. PRABHU 3500 Quarry Park Drive San Jose, California 95136	2)	THOMAS H. OSTERHELD 1195 Barbara Avenue Mountain View, California 94040
3)	GARLEN C. LEUNG 20663 Cheryl Drive Cupertino, California 95014	4)	ADAM H. ZHONG 206 Gingerwood Drive Milpitas, California 95035
5)	PETER MCREYNOLDS 518 Castilian Way San Mateo, California 94402	6)	YI-YUNG TAO No. 32 R&D II Science Based Industrial Park Hsin Chu, TAIWAN
7)	GREGORY E. MENK 4820 Bernal Avenue Apt. B Pleasanton, California 94566	8)	VASANTH N. MOHAN 3613 Copperfield Drive, # 238 San Jose, California 95136
9)	CHRISTOPHER HEUNG-GYUN LEE 1321 Webster Street #205 Alameda, California 94501		

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

POLISHING PROCESSES FOR SHALLOW TRENCH ISOLATION SUBSTRATES

for which application for Letters Patent in the United States was filed on October 24, 2003, under Serial No. 10/693,683, 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

5) _____ (DATE)

PETER MCREYNOLDS

6) _____ (DATE)

Yi-Yung Tao 3/24/2004
YI-YUNG TAO

7) _____ (DATE)

GREGORY E. MENK

8) _____ (DATE)

VASANTH N. MOHAN

9) _____ (DATE)

CHRISTOPHER HEUNG-GYUN LEE

Atty. Docket No.: AMAT/7985/CMP/CMP/RKK

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	GOPALAKRISHNA B. PRABHU 3500 Quarry Park Drive San Jose, California 95136	2)	THOMAS H. OSTERHELD 1195 Barbara Avenue Mountain View, California 94040
3)	GARLEN C. LEUNG 20663 Cheryl Drive Cupertino, California 95014	4)	ADAM H. ZHONG 206 Gingerwood Drive Milpitas, California 95035
5)	PETER MCREYNOLDS 518 Castilian Way San Mateo, California 94402	6)	YI-YUNG TAO No. 32 R&D II Science Based Industrial Park Hsin Chu, TAIWAN
7)	GREGORY E. MENK 4820 Bernal Avenue Apt. B Pleasanton, California 94566	8)	VASANTH N. MOHAN 3613 Copperfield Drive, # 238 San Jose, California 95136
9)	CHRISTOPHER HEUNG-GYUN LEE 1321 Webster Street #205 Alameda, California 94501		

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

POLISHING PROCESSES FOR SHALLOW TRENCH ISOLATION SUBSTRATES

for which application for Letters Patent in the United States was filed on October 24, 2003, under Serial No. 10/693,683, 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

5) _____ (DATE) _____
PETER MCREYNOLDS

6) _____ (DATE) _____
YI-YUNG TAO

7) _____ (DATE) _____
GREGORY E. MENK

8) 03/20/04 (DATE) *Vasanth N. Mohan*
VASANTH N. MOHAN

9) _____ (DATE) _____
CHRISTOPHER HEUNG-GYUN LEE