

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Liang-Yuh Chen	01/02/2007
Yuchun Wang	12/06/2006
Yan Wang	01/08/2007
Alain Duboust	12/11/2006
Daniel A. Carl	12/11/2006
Ralph Wadensweiler	12/06/2006
Paul D. Butterfield	12/06/2006
Rashid A. Mavliev	12/06/2006
Stan D. Tsai	12/06/2006
You Wang	12/06/2006
Jie Diao	12/06/2006
Lakshmanan Karuppiiah	12/12/2006
Robert Ewald	12/15/2006

RECEIVING PARTY DATA

Name:	Applied Materials, Inc.
Street Address:	P. O. Box 450A
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11555145

CORRESPONDENCE DATA

Fax Number: (408)986-3090

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

PATENT

500206657

REEL: 018752 FRAME: 0667

CH \$40.00 11555145

Email: barbara_holt@amat.com
Correspondent Name: Applied Materials
Address Line 1: P.O. Box 450A
Address Line 4: Santa Clara, CALIFORNIA 95052

ATTORNEY DOCKET NUMBER:

4100/P17/CMP

NAME OF SUBMITTER:

Barbara Holt

Total Attachments: 9

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	LIANG-YUH CHEN 1400 Melbourne Street Foster City, CA 94404	2)	YUCHUN WANG 4498 Jan Way San Jose, CA 95124
3)	YAN WANG 920 Rockfeller Drive #11B Sunnyvale, CA 94087	4)	ALAIN DUBOUST 668 Bryan Avenue Sunnyvale, CA 94086
5)	DANIEL A. CARL 2161 Pomezia Court Pleasanton, CA 94566	6)	RALPH WADENSWEILER 1640 Kalispell Court Sunnyvale, CA 94087
7)	MANOOCHER BIRANG 18836 Favre Ridge Road Los Gatos, CA 95033	8)	PAUL D. BUTTERFIELD 1684 Kevin Drive San Jose, CA 95124
9)	RASHID A. MAVLIEV 444 Saratoga Avenue #169 Santa Clara, CA 95050	10)	STAN D. TSAI 5444 Dekker Terrace Fremont, CA 94555
11)	YOU WANG 22653 Queens Oak Court Cupertino, CA 95014	12)	JIE DIAO 4290 Albany Drive #P245 San Jose, CA 95129
13)	RENHE JIA 938 Grizzly Peak Blvd. Berkeley, CA 94708	14)	LAKSHMANAN KARUPPIAH 2720 Sycamore Grove Place San Jose, CA 95121
15)	ROBERT EWALD 3365 Aptos Rancho Road Aptos, CA 95003		

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

**CONDUCTIVE PAD WITH ION EXCHANGE MEMBRANE FOR ELECTROCHEMICAL
MECHANICAL POLISHING**for which application for Letters Patent in the United States was filed on October 31,
2006, under Serial No. 11/555,145, 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 conventional, 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 conventional, 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.


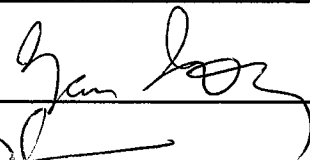



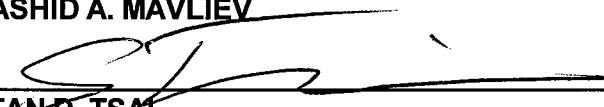

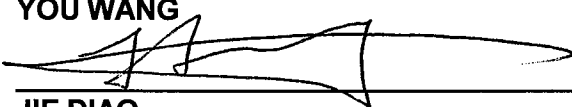
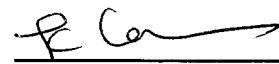
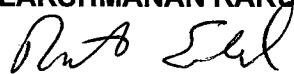
IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)

1/2/07 (DATE)



LIANG-YUH CHEN

2)	<u>12/0/06</u>	(DATE)	 YUCHUN WANG
3)	<u>1/8/07</u>	(DATE)	 YAN WANG
4)	<u>12/11/06</u>	(DATE)	 ALAIN DUBOUST
5)	_____	(DATE)	DANIEL A. CARL
6)	_____	(DATE)	RALPH WADENSWEILER
7)	_____	(DATE)	MANOOGER BIRANG
8)	<u>12/6/06</u>	(DATE)	 PAUL D. BUTTERFIELD
9)	<u>12/6/06</u>	(DATE)	 RASHID A. MAVLIEV
10)	<u>12/06/06</u>	(DATE)	 STAND D. TSAI
11)	<u>12/06/06</u>	(DATE)	 YOU WANG
12)	<u>12/06/06</u>	(DATE)	 JIE DIAO
13)	_____	(DATE)	RENHE JIA
14)	<u>12/12/06</u>	(DATE)	 LAKSHMANAN KARUPPIAH
15)	<u>12/15/06</u>	(DATE)	 ROBERT EWALD

ASSIGNMENT FOR APPLICATION FOR PATENT

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of Inventors:

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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 conventional, 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.

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- 3) _____ (DATE) _____
YAN WANG
- 4) _____ (DATE) _____
ALAIN DUBOUST
- 5) 12-11-06 (DATE) _____

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- 6) _____ (DATE) _____
RALPH WADENSWEILER
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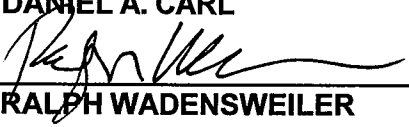
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