

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Yuchun Wang	04/09/2002
Yan Wang	04/05/2002
Alain Duboust	04/15/2002
Daniel A. Carl	04/03/2002
Manoocher Birang	04/05/2002
Paul D. Butterfield	04/05/2002
Rashid Mavliev	04/05/2002
Stan D. Tsai	04/08/2002
Ralph Wadensweiler	04/05/2002
Liang-Yuh Chen	04/11/2002

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	11556011

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: APPM/004100.C8

NAME OF SUBMITTER: Keith M. Tackett

Total Attachments: 9  
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Atty. Docket No.: AMAT/5844/CMP/CMP/RKK

## ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses  
of Inventors:

1)	LIANG-YUH CHEN 1400 Melbourne Street Foster City, California 94404	2)	YUCHUN WANG 4498 Jan Way San Jose, California 95124
3)	YAN WANG 920 Rockefeller Drive, #11B Sunnyvale, California 94087	4)	ALAIN DUBOUST 668 Bryan Avenue Sunnyvale, California 94086
5)	Daniel A. Carl 2161 Pomezia Court Pleasanton, California 94566	6)	RALPH WADENSWEILER 1640 Kalispell Court Sunnyvale California, 94087
7)	MANOOCHER BIRANG 18836 Favre Ridge Road Los Gatos, California 95030	8)	PAUL D. BUTTERFIELD 1684 Kevin Drive San Jose, California 95124
9)	RASHID MAVLIEV 444 Saratoga Avenue #169 Santa Clara, California 95050	10)	STAN D. TSAI 5444 Dekker Terrace Fremont, California 94555

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

### CONDUCTIVE POLISHING ARTICLE FOR ELECTROCHEMICAL MECHANICAL POLISHING

for which application for Letters Patent in the United States was filed on December 27, 2001, under Serial No. 10/033,732, 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:

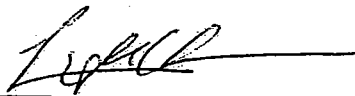
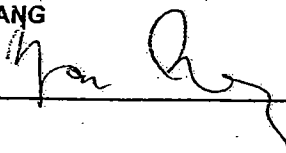
1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention 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.




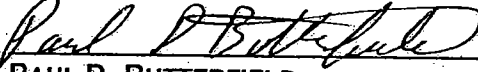


2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt 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>4/11</u>	, 2002		_____
			LIANG-YUH CHEN	
2)	_____	, 2002	_____	_____
			YUCHUN WANG	
3)	<u>4/5</u>	, 2002		_____
			YAN WANG	

- 4) 4/15/02, 2002   
ALAIN DUBOUST
- 5) \_\_\_\_\_, 2002  
DANIEL A. CARL
- 6) 4/5/02, 2002   
RALPH WADENSWEILER
- 7) 4/5, 2002   
MANOCHER BIRANG
- 8) April, 5, 2002   
PAUL D. BUTTERFIELD
- 9) 4-5-02, 2002   
RASHID MAVLIEV
- 10) 4/8, 2002   
STAN D. TSAI

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Atty. Docket No.: AMAT/5844/CMP/CMP/RKK

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of Inventors:

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5)	Daniel A. Carl 2161 Pomezia Court Pleasanton, California 94566	6)	RALPH WADENSWEILER 1640 Kalispell Court Sunnyvale California, 94087
7)	MANOOCHER BIRANG 18836 Favre Ridge Road Los Gatos, California 95030	8)	PAUL D. BUTTERFIELD 1684 Kevin Drive San Jose, California 95124
9)	RASHID MAVLIEV 444 Saratoga Avenue #169 Santa Clara, California 95050	10)	STAN D. TSAI 5444 Dekker Terrace Fremont, California 94555

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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.

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

1) \_\_\_\_\_, 2002

LIANG-YUH CHEN

2) 04-09, 2002

  
YUCHUN WANG

3) \_\_\_\_\_, 2002

YAN WANG

- 4) \_\_\_\_\_, 2002  
ALAIN DUBOUST
- 5) \_\_\_\_\_, 2002  
DANIEL A. CARL
- 6) \_\_\_\_\_, 2002  
RALPH WADENSWEILER
- 7) \_\_\_\_\_, 2002  
MANOOCHER BIRANG
- 8) \_\_\_\_\_, 2002  
PAUL D. BUTTERFIELD
- 9) \_\_\_\_\_, 2002  
RASHID MAVLIEV
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STAN D. TSAI



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1) \_\_\_\_\_, 2002

\_\_\_\_\_  
LIANG-YUH CHEN

2) \_\_\_\_\_, 2002

\_\_\_\_\_  
YUCHUN WANG

3) \_\_\_\_\_, 2002

\_\_\_\_\_  
YAN WANG

- 4) \_\_\_\_\_, 2002
- 5) 4-3, 2002
- 6) \_\_\_\_\_, 2002
- 7) \_\_\_\_\_, 2002
- 8) \_\_\_\_\_, 2002
- 9) \_\_\_\_\_, 2002
- 10) \_\_\_\_\_, 2002

ALAIN DUBOUST



DANIEL A. CARL

RALPH WADENSWEILER

MANOOCHEER BIRANG

PAUL D. BUTTERFIELD

RASHID MAVLIEV

STAN D. TSAI