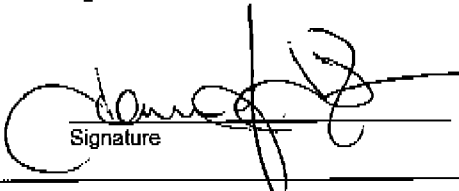


Substitute Form PTO-1595
 Attorney Docket No.: 05542-155006
 Client's Ref. No.: 001537C6/CMP

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Steven M. Zuniga, Manoocher Birang, Hung Chih Chen, and Sen-Hou Ko Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Applied Materials, Inc. 3050 Bowers Avenue Santa Clara, California 95054 United States of America Additional names/addresses 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: September 18, 1997 and October 2, 1997	4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/946,186 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name/address of party to whom correspondence concerning document should be mailed: Fish & Richardson P.C. P.O. Box 1022 Minneapolis, MN 55440-1022	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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Jennifer A. Zanocco Reg. No. 54,563 Name of Person Signing	<div style="text-align: center;">  Signature </div> <div style="text-align: center;"> 12.13.05 Date </div>
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I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

December 13, 2005
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PATENT

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Case 1537C(155002)

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

- 1) Steven M. Zuniga
351 Los Robles Road, Soquel, CA 95073
- 2) Manoocher Birang
18836 Favre Ridge Road, Los Gatos, CA 95030
- 3) Hung Chen
1530 Oyama Place, San Jose, CA 95131
- 4) Sen-Hou Ko
21065 Red Fir Court, Cupertino, CA 95014

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

***A CARRIER HEAD WITH A FLEXIBLE MEMBRANE FOR A CHEMICAL
MECHANICAL POLISHING SYSTEM***

for which applications for Letters Patent in the United States were
filed November 8, 1996, and May 21, 1997, and assigned U.S. Serial Numbers 08/745,679 and
08/861,260, respectively; 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 applications (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.

02)

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) Sept. 18, 1997

Steven M. Zuniga
Steven M. Zuniga

2) Sept 18, 1997

Manoocher Birang
Manoocher Birang

3) Sept. 18, 1997

Hung Chen
Hung Chen

4) Oct. 2, 1997

Sen-Hou Ko
Sen-Hou Ko

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