

12-04-1998

595 Attorney Docket No.: 2891/296001  
ET

RE:



100912793

Assistant Commissioner for Patents: Plea

1. Name of conveying party(ies):  
**Steven M. Zuniga, Hung Chen, and  
Gopalakrishna B. Prabhu**

11-25-98

2. Name and address of receiving party(ies):  
**Applied Materials, Incorporated  
3050 Bowers Avenue  
Santa Clara, CA 95054**

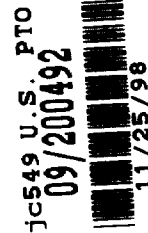
Additional name(s) attached?  Yes  No

Additional names/addresses attached?  Yes  No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Date: 11-25-98



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: 11-25-98

A. Patent Application No.(s):

B. Patent No.(s):

09 200492

Additional numbers attached?  Yes  No

5. Name/address of party to whom correspondence concerning document should be mailed:

**Patent Counsel  
Applied Materials, Inc.  
Legal Affairs Department  
P.O. Box 450A  
Santa Clara, CA 95052**

Direct Telephone Inquiries:  
David J. Goren, Reg No. 34,609  
(650) 322-5070

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40

Enclosed

Authorized to charge deposit account

8. Deposit account number: 01-1651

If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 01-1651.

**DO NOT USE THIS SPACE**

9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

**Robert W. Mulcahy, Reg. No. 25,436**

Name of Person Signing

Signature

11/25/98

Date

Total number of pages including cover sheet, attachments, and document: 3

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( 12/04/1998 SBURNS 00000033 011651 09200492 )  
01 FC:581 40.00 CH

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Date of Deposit 11-25-1998

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

BETH Mulcahy PATENT

REEL: 9611 FRAME: 0448

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

- 1) STEVEN ZUNIGA  
351 Robles Road  
Soquel, California 95073
- 2) HUNG CHEN  
1530 Oyama Place  
San Jose, California 95131
- 3) GOPALAKRISHNA B. PRABHU  
~~70 Terra Vista #2~~ 113 El Bosque Drive  
~~San Francisco, California 94115~~ San Jose, CA. 95134

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

***A CARRIER HEAD WITH EDGE CONTROL FOR CHEMICAL MECHANICAL POLISHING***

for which application for Letters Patent in the United States was executed on even date herewith.

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.

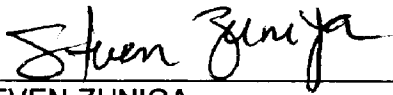
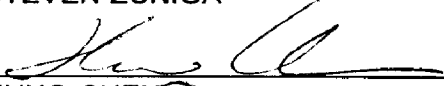
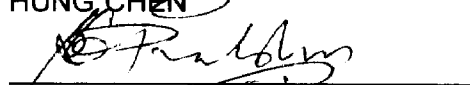
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt 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 date indicated below.

1)	<u>11/25</u> , 1998	 _____ STEVEN ZUNIGA
2)	<u>11/25</u> , 1998	 _____ HUNG CHEN
3)	<u>11/25</u> , 1998	 _____ GOPALAKRISHNA B. PRABHU