

11-14-2000



*MNO 9/25*

To the Honorable Commissioner of Patents  
or copy thereof

101515609

attached original documents

1. Name of conveying party(ies):

STEVEN M. ZUNIGA  
HUNG CHIH CHEN

EXECUTION DATE  
August 4, 2000  
August 3, 2000

Additional name(s) of conveying part(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

Name: Applied Materials, Inc.

Internal Address: Legal Affairs Department

Street Address: P. O. Box 450A

M/S #2061

City: Santa Clara State: CA Zip: 95054

Additional Name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of

Name

Other \_\_\_\_\_

Execution Date: SEE ABOVE

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)

B. Patent No.(s)

Serial No.: 09/610,559 Filing Date: July 5, 2000

Additional Numbers attached?  Yes  No

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

Name: PATENT COUNSEL

Internal Address: Applied Materials, Inc.

Legal Affairs Dept.

Street Address: P. O. Box 450A

M/S 2061

City: Santa Clara State: CA ZIP: 95052

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

50-1074

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and any attached copy is a true copy of the original document.

Robert W. Mulcahy, Reg. No. 25,436  
Name of Person Signing

Signature

9/19/00  
Date

10. Total number of pages comprising cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses of Inventors:

1)	STEVEN M. ZUNIGA 351 Los Robles Road Soquel, CA 95073	2)	Hung Chih Chen 1530 Oyama Place San Jose, CA 95131
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(hereinafter referred to as Assignors), have invented a certain invention entitled:

**CARRIER HEAD WITH PRESSURE TRANSFER MECHANISM**

for which application for Letters Patent in the United States was filed on July 5, 2000,

under Serial No. 09/610,559, 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 the Application), and the invention disclosed therein (hereinafter referred to as the 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 the 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.

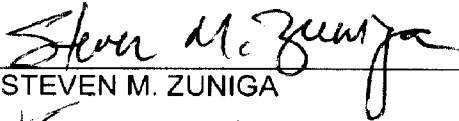

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt 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) 8/4, 2000   
STEVEN M. ZUNIGA
- 2) 8/3, 2000   
HUNG CHIH CHEN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Steven ZUNIGA , et al

Assignee: APPLIED MATERIALS, INC.

Title: CARRIER HEAD WITH PRESSURE TRANSFER MECHANISM

Serial No.: 09/610,559

Filed: 05JL2000

Group Art Unit: 3723

Attorney Docket No.: 003600/CMP

Examiner: Unknown

Santa Clara, California  
September 20, 2000

COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Sir:

Transmitted herewith is a request for recordal of an assignment of the subject invention in the form of the enclosed RECORDATION FORM COVER SHEET (FORM 1595).

No additional fee is required.

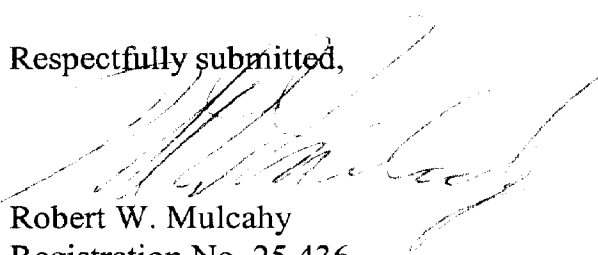
The total fee of \$40.00 under 37 CFR 3.41 has been authorized for payment in the enclosed FORM 1595.

The Commissioner is hereby authorized to charge the charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-1074.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 9/20/2000

  
Beth Mulcahy

Respectfully submitted,

  
Robert W. Mulcahy  
Registration No. 25,436

PATENTS ONLY

Modified

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

STEVEN M. ZUNIGA . . . . . EXECUTION DATE August 4, 2000  
 HUNG CHIH CHEN . . . . . August 3, 2000

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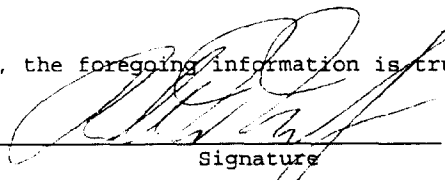
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Robert W. Mulcahy, Reg. No. 25,436  9/19/00

Name of Person Signing Signature Date

10. Total number of pages comprising cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with the required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231