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FORM PTJ-1595

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1. Name of conveying party(ies):

	EXECUTION DATE
Ken Tsai	January 26, 1999
Steve Ghanayem	January 27, 1999
Joseph Yudovsky	January 26, 1999
Ken Lai	January 26, 1999

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

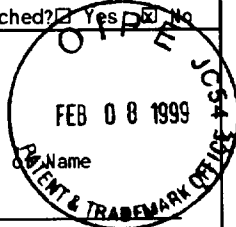
Name: Applied Materials, Inc.
 Internal Address: Legal Affairs Department
 Street Address: P. O. Box 450A
M/S #2061
 City: Santa Clara State CA Zip 95054

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

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: SEE ABOVE



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

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)

Serial No.: 09/203,419 Filing Date: December 2, 1998

B. Patent No.(s)

Additional Numbers attached? Yes No

40E

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: 01-1651
(Attach duplicate copy of this page if paying by deposit account)

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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

2-1-99

Date

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

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Washington, D.C. 20231

PATENT
REEL: 9760 FRAME: 0038

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	KEN TSAI 135 Lakeview Way Redwood City, California 94062	2)	STEVE GHANAYEM 1576 Ontario Drive, Apt. 10 Sunnyvale, California 95087
3)	JOSEPH YUDOVSKY 3833 Park Blvd., #17 Palo Alto, California 94306	4)	KEN LAI 3480 Granada Avenue #211 Santa Clara, California 95051

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

" ANTI-NOTCH THINNING HEATER"

for which application for Letters Patent in the United States was filed on December 2, 1998, under Serial No.09/203,419 , 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>1-26</u> , 1999 | <u>Ken Tsai</u>
KEN TSAI |
| 2) | <u>1/27/99</u> , 1999 | <u>Steve Ghannayem</u>
STEVE GHANNAYEM |
| 3) | <u>Jan 26</u> , 1999 | <u>Joseph Yudovsky</u>
JOSEPH YUDOVSKY |
| 4) | <u>Jan. 26</u> , 1999 | <u>Ken Lai</u>
KEN LAI |