

06-27-2001

Form PTO 1595

REC



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Commissioner of Patents

101761450

1. Name of conveying party(ies):

Yen-Kun Victor Wang  
Mark Fodor  
Chen-An Chen  
Himanshu Pokharna  
Son T. Nguyen  
Kelly Fong  
Inna Shmurun

0510 01  
0615 01  
0514 01  
0601 01  
0514 01  
0515 01  
0508 01  
06/15/01

Name and address of receiving party(ies):

Name: Applied Materials, Inc.  
Internal Address:  
Street Address: 3050 Bowers Avenue  
  
City: Santa Clara State: California Zip Code: 95054

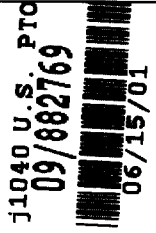
Additional Name(s) & Address(es) attached? 9 Yes : No

Additional name(s) of conveying Part(ies) attached? 9 Yes : No

3. Nature of conveyance;

: Assignment 9 Merger  
9 Security Agreement 9 Change of Name  
9 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: Herewith

A. Patent Application No.(s) 09/882769  
Serial No.: {Serial No.} Filed: (Filing Date)

B. Patent No.(s)

Additional Numbers attached? 9 Yes : No

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

Name: PATENT COUNSEL  
Internal Address: Applied Materials, Inc.  
Legal Affairs Department - M/S 2061  
Street Address: P. O. Box 450A  
City: Santa Clara State: CA Zip: 95052

6. Total number of applications and patent involved: 1

7. Total Fee (37 CFR 3.41) \$40.00  
9 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

6/15/01  
Date

10. Total number of pages comprising cover sheet, attachments, and document: 15

Mail documents to be recorded with the required cover sheet information to:

Commissioner of Patents and Trademarks,  
Box Assignment  
Washington, D.C. 20231

PATENT  
REEL: 011922 FRAME: 0250

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses of Inventors:

1)	YEN-KUN VICTOR WANG 33527 Stephano Ct. Fremont, California 94555	5)	SON T. NGUYEN 6090 Larchmont Drive San Jose, California 95123
2)	MARK FODOR 107 Oak Rim Ct, #17 Los Gatos, California, 95032	6)	KELLY FONG 1631 21st Avenue San Francisco, California 94122
3)	CHEN-AN CHEN 2101 Calle Vista Verde Milpitas, California 95035	7)	INNA SHMURUN 695 Beach Park Blvd. Foster City, California 94404
4)	HIMANSHU POKHARNA 439 Camille Circle #13 San Jose, California 95134		

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

**LOW PROFILE THICK FILM HEATERS IN MULTI-SLOT BAKE CHAMBER**

for which application for Letters Patent in the United States was filed on \_\_\_\_\_,

under Serial No. \_\_\_\_\_, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation, 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.

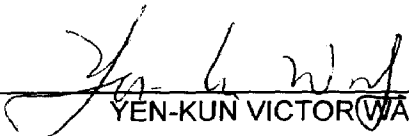
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt

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) 5/10, 2001   
YEN-KUN VICTOR WANG
- 2) \_\_\_\_\_, 2001 \_\_\_\_\_  
MARK FODOR
- 3) \_\_\_\_\_, 2001 \_\_\_\_\_  
CHEN-AN CHEN
- 4) \_\_\_\_\_, 2001 \_\_\_\_\_  
HIMANSHU POKHARNA
- 5) \_\_\_\_\_, 2001 \_\_\_\_\_  
SON T. NGUYEN
- 6) \_\_\_\_\_, 2001 \_\_\_\_\_  
KELLY FONG
- 7) \_\_\_\_\_, 2001 \_\_\_\_\_  
INNA SHMURUN

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2) 6/15, 2001 Mark Fodor  
MARK FODOR

3) \_\_\_\_\_, 2001 \_\_\_\_\_  
CHEN-AN CHEN

4) \_\_\_\_\_, 2001 \_\_\_\_\_  
HIMANSHU POKHARNA

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SON T. NGUYEN

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MARK FODOR
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CHEN-AN CHEN
- 4) \_\_\_\_\_, 2001 \_\_\_\_\_  
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CHEN-AN CHEN

4) 6/1/, 2001 *Himanshu Pokharna*  
HIMANSHU POKHARNA

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SON T. NGUYEN

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6) MAY 15, 2001 \_\_\_\_\_  
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7) \_\_\_\_\_, 2001 \_\_\_\_\_  
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(hereinafter referred to as Assignors), have invented a certain invention entitled:

**LOW PROFILE THICK FILM HEATERS IN MULTI-SLOT BAKE CHAMBER**

for which application for Letters Patent in the United States was filed on \_\_\_\_\_,

under Serial No. \_\_\_\_\_, executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation, 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) \_\_\_\_\_, 2001 \_\_\_\_\_  
YEN-KUN VICTOR WANG
- 2) \_\_\_\_\_, 2001 \_\_\_\_\_  
MARK FODOR
- 3) \_\_\_\_\_, 2001 \_\_\_\_\_  
CHEN-AN CHEN
- 4) \_\_\_\_\_, 2001 \_\_\_\_\_  
HIMANSHU POKHARNA
- 5) \_\_\_\_\_, 2001 \_\_\_\_\_  
SON T. NGUYEN
- 6) \_\_\_\_\_, 2001 \_\_\_\_\_  
KELLY FONG
- 7) 5-8, 2001 I. Shy \_\_\_\_\_  
INNA SHMURUN