04-14-2000



	Patent And Trademark Office
OMB No. 0651-0011 (exp. 4/94)	101320347 ————
To the Honorable Commissioner of Patents and Trademarks: Please record the	attached original document or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Jianming Fu	Name: Applied Materials, Inc,
James van Gogh	Internal Address: P.O. Box 450-A
Additional name(s) of conveying party(ies) attached? YesX_No	
3. Nature of conveyance:	
X Assignment Merger	Street Address:
Security Agreement Change of Name	
Other	City: Santa Clara State: CA Zip: 95052
	Additional name(s) & address(es) attached? YesX No
Execution Date: August 23, 1996	Additional matters) & address(es) attached: 1 es 100
Additional numbers attached? Yes _X_ No 5. Name and address of party to whom correspondence concerning	6. Total number of applications and patents involved:
document should be mailed:	7. Total fee (37 C.F.R. 3.41)\$ 40.00
Name: Patent Counsel	
Internal Address: APPLIED MATERIALS, INC.	Enclosed
Internal Address: APPLIED MATERIALS, INC.	
Internal Address: APPLIED MATERIALS, INC.	Enclosed
Street Address: P.O. Box 450-A	Enclosed X Authorized to be charged to deposit account 20-0782/AMAT/1311.D1/JMJ
Street Address: P.O. Box 450-A 4/2000 JSHABAZZ 00000008 200782 09165662	Enclosed X Authorized to be charged to deposit account
Street Address: P.O. Box 450-A 4/2000 JSHABAZZ 00000008 200782 09165662	Enclosed X Authorized to be charged to deposit account 20-0782/AMAT/1311.D1/JMJ 8. Deposit account number:
Street Address: P.O. Box 450-A 4/2000 JSHABAZZ 00000008 200782 09165662	Enclosed X Authorized to be charged to deposit account 20-0782/AMAT/1311.D1/JMJ 8. Deposit account number:
Street Address: P.O. Box 450-A 4/2000 JSHABRZZ 00000008 200782 09165662 C:581	Enclosed X Authorized to be charged to deposit account 20-0782/AMAT/1311.D1/JMJ 8. Deposit account number:
Street Address: P.O. Box 450-A 4/2000 JSHABAZZ 00000008 200782 09165662 C:581	Enclosed X Authorized to be charged to deposit account 20-0782/AMAT/1311.D1/JMJ 8. Deposit account number: 20-0782/AMAT/1311.D1/JMJ
Street Address: P.O. Box 450-A 4/2000 JSHABAZZ 00000008 200782 09165662 C:581	Enclosed X Authorized to be charged to deposit account 20-0782/AMAT/1311.D1/JMJ 8. Deposit account number: 20-0782/AMAT/1311.D1/JMJ
Street Address: P.O. Box 450-A 4/2000 JSHABAZZ 00000008 200782 09165662 C:581	Enclosed X Authorized to be charged to deposit account 20-0782/AMAT/1311.D1/JMJ 8. Deposit account number: 20-0782/AMAT/1311.D1/JMJ

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

E:\Appm\1311.d1\PTO\Assignment.Cover.doc

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

- Jianming Fu
 4631 Salina Drive
 San Jose, CA 95124
- 2) James van Gogh 1239 Van Dyck Drive Sunnyvale, CA 94087

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

"SPUTTER TARGET FOR ELIMINATING REDEPOSITION ON THE TARGET SIDEWALL"

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 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

1 of 2

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) Ang. 21, 1996

2) *AUGUST 23*, 1996

RECORDED: 03/15/2000

/<u>/</u>