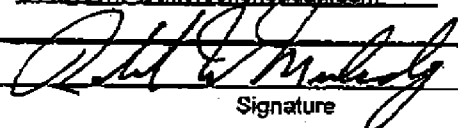


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OMB No. 0651-0027 (exp. 6/30/2005)U.S. Department of COMMERCE
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RECORDATION FORM COVER SHEET

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1. Name of conveying party(ies): RAJESH KANURI April 3, 2007 CHORNG-PING CHANG September 21, 2006 CHRISTOPHER DENNIS BENCHER October 4, 2006 HOIMAN HUNG September 26, 2006 Additional name of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>APPLIED MATERIALS, INC.</u> Internal Address: <u>Patent Counsel</u> Street Address: <u>P.O. Box 450-A</u> City: <u>Santa Clara</u> State: <u>CA</u> Country: <u>USA</u> Zip: <u>95052</u> Additional Name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: Execution Date(s) <u>(SEE ABOVE)</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other			
4. Application number(s) or patent number(s): <input checked="" type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/492,316; July 25, 2006</u> B. Patent No.(s)		Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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9. Signature :  Signature		8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>50-1074/010529/MTCG/EPIC/CKIM</u> Authorized User Name: <u>ROBERT W. MULCAHY</u> April 19, 2007 Date	
ROBERT W. MULCAHY, Reg No. 25,436 Name of Person Signing		Total number of pages, sheet, attachments, and documents including cover 3	

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Atty. Dkt. No. APPM/010529/MTCG/EPIC/CKIM

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1) RAJESH KANURI 1220 Parkwood Dr. #8 Cupertino, CA 95014	2) CHORNG-PING CHANG 12417 Palmtag Drive Saratoga, CA 95070
3) CHRISTOPHER DENNIS BENCHER 1251 Hazlett Court San Jose, CA 95131	4) HOIMAN HUNG 7540 Heatherwood Drive Cupertino, CA 95014

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

LPCVD GATE HARD MASK

enclosed herewith or for which application for Letters Patent in the United States was filed on July 25, 2006, under Serial No. 11/492,316, 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 conventional, 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 conventional, 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>04/03/07</u>	(DATE)	
			RAJESH KANURI
2)	<u>9/21/06</u>	(DATE)	
			CHONG-PING CHANG
3)	<u>10/4/06</u>	(DATE)	
			CHRISTOPHER DENNIS BENCHER
4)	<u>9/26/06</u>	(DATE)	
			HOIMAN HUNG

**PATTERSON &
SHERIDAN, LLP**

ATTORNEYS AT LAW

3040 Post Oak Blvd, Suite 1500
Houston, TX 77056-6582
TEL 713.623.4844
FAX 713.623.4846

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COMPANY: USPTO
FROM: Steven H. VerSteeg
PAGE(S) with cover: 5
ORIGINAL TO FOLLOW? YES NO

RECORDATION COVER SHEET AND ASSIGNMENT

TITLE: LPCVD GATE HARD MASK
U.S. SERIAL NO.: 11/492,316
FILING DATE: July 25, 2006
INVENTOR: RAJESH KANURI, et al.
EXAMINER: Unknown
GROUP ART UNIT: 2812
CONFIRMATION NO.: 5812

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_____ Date		_____ Total number of pages, sheet, attachments, and documents including cover 3	
<u>ROBERT W. MULCAHY, Reg No. 25,436</u> Name of Person Signing			

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