Electronic Version v1.1

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SUBMISSION TYPE: NEW ASSIGNMENT				
NATURE OF CONV	EYANCE:	ASSIGNMENT		
CONVEYING PART	Y DATA	1		
		Name	Execution Date	
VICTOR B. MIMKE	N		01/23/2007	
SCOTT MEYER			01/27/2007	
DOUGLAS RICHAI	RDS		01/29/2007	
EVANSON G. BAIY	Ά		01/23/2007	
RECEIVING PARTY	Ź DATA			
Name:	Applied Mater	rials, Inc.		
Street Address:	P.O. Box 450-	-A		
Internal Address:	Legal Affairs [Department		
City:	Santa Clara			
State/Country:	CALIFORNIA			
Postal Code:	95052			
Property Type Number			nber	
Application Numbe	r:	11617891		
CORRESPONDENC	CE DATA			
Fax Number:	(408)986	5-3090		
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.				
Correspondence wi		Phone: 408-235-6536		
Phone:	408-235			
Phone: Email:	408-235- jo_ann_c	cottrell@amat.com		
Phone: Email: Correspondent Nam	408-235- jo_ann_c ne: Applied I	cottrell@amat.com Materials, Inc.		
Phone: Email: Correspondent Nam Address Line 1:	408-235- jo_ann_c ne: Applied I P.O. Box	cottrell@amat.com Materials, Inc. < 450-A		
Phone: Email: Correspondent Nam	408-235- jo_ann_c ne: Applied I P.O. Box Legal Aff	cottrell@amat.com Materials, Inc.		
Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	408-235- jo_ann_c P.O. Box Legal Aff Santa Cl	cottrell@amat.com Materials, Inc. < 450-A fairs Dept. lara, CALIFORNIA 95052		
Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	408-235- jo_ann_c P.O. Box Legal Aff Santa Cl	cottrell@amat.com Materials, Inc. < 450-A fairs Dept. lara, CALIFORNIA 95052		
Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	408-235- jo_ann_c P.O. Box Legal Aff Santa Cl	cottrell@amat.com Materials, Inc. < 450-A fairs Dept. lara, CALIFORNIA 95052	PATENT	

WHEREAS:

Names and Addresses of Inventors:

1)	VICTOR B. MIMKEN 1624 Hervey Street Boise, Idaho 83705	2)	SCOTT MEYER 10828 W. Glen Ellyn Street Boise, Idaho 83713
3)	DOUGLAS RICHARDS 2810 E. Green Canyon Drive Meridian, ID 83642	4)	EVANSON G. BAIYA 5417 High Country Lane Nampa, ID 83687

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

PROCESS CHAMBER LID AND CONTROLLED EXHAUST

enclosed herewith or for which application for Letters Patent in the United States was filed on December 29, 2006, under Serial No. 11/617,891, 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.

1 of 2

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 including without limitation opposition proceedings, cancellation thereon. 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)	/23/07 (DATE)	VICTOR B. MIMKEN
2)	(DATE)	SCOTT MEYER
3)	(DATE)	DOUGLAS RICHARDS
4)	(DATE)	EVANSON G. BAIYA

2 of 2

WHEREAS:

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1)		_ (DATE)	
2)	1177/07		

3) _____(DATE)

4) _____ (DATE)

VICTOR B. MIMKEN

DOUGLAS RICHARDS

EVANSON G. BAIYA

2 of 2

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Said Assignors hereby covenant and agree to cooperate with said 2. 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 including without limitation opposition proceedings, cancellation thereon. 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.

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1)	(DATE)	VICTOR B. MIMKEN
2)	(DATE)	
3)	1/29/07 (DATE)	SCOTT MEYER DOUGLAS RICHARDS
4)	(DATE)	EVANSON G. BAIYA

2 of 2

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1)	(DATE)	VICTOR B. MIMKEN
2)	(DATE)	SCOTT MEYER
3)	(DATE)	DOUGLAS RICHARDS
4)	Jan 23,25" (DATE)	EVAN SON G. BAIYA

PATENT REEL: 018853 FRAME: 0847

RECORDED: 02/05/2007