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FORM PTO-1595 RECORDATION FORM CO (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) PATE	VER SHEET U.S. Department of Commerce Patent And Trademark Office NTS ONLY	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.		
1. Name of conveying party(ies):	Name and address of receiving party(ies):	
MARK ADAM CROCKETT 1-16-2003 MICHAEL J DE CHELLIS 1-17-2003	Internal / teatess. 1211E111 COCINEDE, IND 2001	
Additional name(s) of conveying party(ies) attached? YesX_No	City: Santa Clara State: <u>CA</u> Zip: 95052	
3. Nature of conveyance: X Assignment Merger	Additional name(s) & address(es) attached? Yes _X_ No	
Security Agreement Change of Name		
Other		
Execution Date: SEE ABOVE		
4. Application number(s) or registration number(s):		
If this document is being filed together with a new application, the execution date	of the application serial 10/328,135 filed 12/20/2002	
A. Patent Application No.(s)		
B. Patent No.(s)		
Additional numbers attached? Yes X No	·	
	6. Total number of applications and patents involved: 1	
Name and address of party to whom correspondence concerning document should be mailed:	7. Total fee (37 C.F.R. 3.41)	
Name: APPLIED MATERIALS, INC	X Authorized to be charged to deposit account	
Internal Address: PATENT COUNSEL, M/S 2061	50-1074	
Street Address: P.O. Box 450-A	8. Deposit account number:50-1074	
City: Santa Clara State: CA Zip: 95052		
DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
Joseph Bach Registration No. 37, 771 Name of Person Signing Total number of pages including cover sheet, attachments and document: 5		

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

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT REEL: 13573 FRAME: 0286

J:\FORMS\272 (AUGUST 20, 1993)

700027829

Attorney Docket No.: AM-6051

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Mark Crockett	2)	Michael DeChellis
	606 Bobstay Ln Foster City, California 94404		1781 Warburton Avenue, Apt. 7 Santa Clara, California 95050

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

DIAPHRAGM VALVE WITH DYNAMIC METAL SEAT AND CONED DISK SPRINGS

for which an application for Letters Patent in the United States was filed on December 20, 2002, under 10/328,135; 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 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

Attorney Docket No.: AM-6051

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 date indicated below.

1)	Jan: 16, 2003	Mark Crockett
2)	, 2003	Michael DeChellis

Attorney Docket No.: AM-6051

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

	1)	Mark Crockett 888 Foster City # 11 Foster City, California 94404	2)	Michael DeChellis 6855 Little York Ln. Washington, TX 77880
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(hereinafter referred to as Assignors), have invented a certain invention entitled:

DIAPHRAGM VALVE WITH DYNAMIC METAL SEAT AND CONED DISK SPRINGS

for which an application for Letters Patent in the United States was filed on December 20, 2002, under 10/328,135; 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 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 divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting

RECORDED: 04/10/2003

Attorney Docket No.: AM-6051

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.

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- 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 date indicated below.

1)	. 2003	
٠,		Mark Crockett
2)	JANUARY 177 2003	Michael De Chellis Michael De Chellis