

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Reza Arghavani</td><td>01/12/2007</td></tr><tr><td>Ellie Yieh</td><td>01/12/2007</td></tr><tr><td>Hichem M'Saad</td><td>01/18/2007</td></tr></tbody></table>		Name	Execution Date	Reza Arghavani	01/12/2007	Ellie Yieh	01/12/2007	Hichem M'Saad	01/18/2007
Name	Execution Date								
Reza Arghavani	01/12/2007								
Ellie Yieh	01/12/2007								
Hichem M'Saad	01/18/2007								
RECEIVING PARTY DATA									
Name:	Applied Materials, Inc.								
Street Address:	P. O. Box 450A								
City:	Santa Clara								
State/Country:	CALIFORNIA								
Postal Code:	95052								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11609851</td></tr></tbody></table>		Property Type	Number	Application Number:	11609851				
Property Type	Number								
Application Number:	11609851								
CORRESPONDENCE DATA									
Fax Number: (408)986-3090 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Email: barbara_holt@amat.com									
Correspondent Name: Applied Materials									
Address Line 1: P.O. Box 450A									
Address Line 4: Santa Clara, CALIFORNIA 95052									
ATTORNEY DOCKET NUMBER:	10684/DSM/HDP/CVD								
NAME OF SUBMITTER:	Barbara Holt								
Total Attachments: 4 source=10684 _ASG 013007#page1.tif source=10684 _ASG 013007#page2.tif source=10684 _ASG 013007#page3.tif									

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PATENT
REEL: 018825 FRAME: 0537

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

- | | |
|--|---|
| 1) Reza Arghavani
A citizen of the United States of America,
192 Twin Pines Drive
Scotts Valley, CA 95066
U.S.A.; | 2) Ellie Yieh
A citizen of the United States of America,
5888 Pistola Way
San Jose, CA 95138
U.S.A.; and |
| 3) Hichem M'Saad
A citizen of the United States of America,
3500 Granada Ave #364
Santa Clara, CA 95051
U.S.A. | |

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

"MEMORY CELL HAVING STRESSED LAYERS

☐ which is attached hereto

☒ for which application for Letters Patent in the United States was filed on December 12, 2006 , under Serial No. 11/609,851, 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 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) <u>Jan 12, 07</u> Date	<u>Reza ARGHAVANI</u> Reza ARGHAVANI
2) _____ Date	<u>Ellie YIEH</u> Ellie YIEH
3) <u>11/18/07</u> Date	<u>Hichem M'SAAD</u> Hichem M'SAAD

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

- | | |
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| 1) Reza Arghavani
A citizen of the United States of America,
192 Twin Pines Drive
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A citizen of the United States of America,
5888 Pistola Way
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| 3) Hichem M'Saad
A citizen of the United States of America,
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Santa Clara, CA 95051
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(hereinafter referred to as Assignors), have invented a certain invention entitled:

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- ☐ which is attached hereto
- ☒ for which application for Letters Patent in the United States was filed on December 12, 2006 , under Serial No. 11/609,851, executed on even date herewith; and

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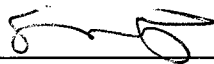
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1)	_____	_____
	Date	Reza ARGHAVANI
2)	<u>1/2/07</u>	
	Date	Ellie YIEH
3)	_____	_____
	Date	Hichem M'SAAD