

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Robert P. Mandal</td><td>09/25/2003</td></tr><tr><td>Alexandros T. Demos</td><td>09/30/2003</td></tr><tr><td>Timothy Weidman</td><td>10/14/2003</td></tr><tr><td>Michael P. Nault</td><td>09/25/2003</td></tr><tr><td>Nikolaos Bekiaris</td><td>10/01/2003</td></tr></tbody></table>	Name	Execution Date	Robert P. Mandal	09/25/2003	Alexandros T. Demos	09/30/2003	Timothy Weidman	10/14/2003	Michael P. Nault	09/25/2003	Nikolaos Bekiaris	10/01/2003	
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Michael P. Nault	09/25/2003												
Nikolaos Bekiaris	10/01/2003												
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>10636517</td></tr></tbody></table>	Property Type	Number	Application Number:	10636517									
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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:	4675/P1/DSM/ELK												
NAME OF SUBMITTER:	Barbara Holt												
Total Attachments: 10													

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PATENT
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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	Robert P. Mandal 12472 Arroyo de Arguello Saratoga, CA 95070 United States	2)	Alexandros T. Demos 409 Pine Ridge Drive San Ramon, CA 94583 United States
3)	Timothy Weidman 776 Henderson Avenue Sunnyvale, CA 94086 United States	4)	Michael P. Nault 1242 Charise Court San Jose, CA 95120 United States
5)	Nikolaos Bekiaris 4390 Albany Drive, #43 San Jose, CA 95129 United States		

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

IONIC ADDITIVES FOR EXTREME LOW DIELECTRIC CONSTANT CHEMICAL FORMULATIONS

for which application for Letters Patent in the United States was filed on August 7, 2003, under Application No. 10/636,517, 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 Assignees), 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>Sept. 25, 2003</u>	, 2003	<u>Robert P. Mandal</u> Robert P. Mandal
2)	_____	, 2003	_____ Alexandros T. Demos
3)	_____	, 2003	_____ Timothy Weidman
4)	_____	, 2003	_____ Michael P. Nault
5)	_____	, 2003	_____ Nikolaos Bekiaris

11451444 v1

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
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1)	Robert P. Mandal 12472 Arroyo de Arguello Saratoga, CA 95070 United States	2)	Alexandros T. Demos 409 Pine Ridge Drive San Ramon, CA 94583 United States
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1) _____, 2003	_____ Robert P. Mandal
2) <u>Sept. 30</u> , 2003	<u>Alexandros T. Demos</u> Alexandros T. Demos
3) _____, 2003	_____ Timothy Weidman
4) _____, 2003	_____ Michael P. Nault
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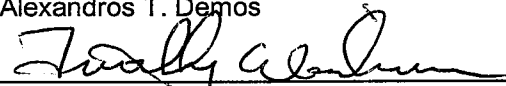
1) _____, 2003

Robert P. Mandal

2) _____, 2003

Alexandros T. Demos

3) 10/14/03, 2003


Timothy Weidman

4) _____, 2003

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Nikolaos Bekiaris

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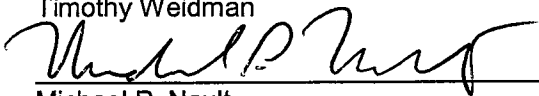
2) _____, 2003

Alexandros T. Demos

3) _____, 2003

Timothy Weidman

4) SEPT. 25, _____, 2003


Michael P. Nault

5) _____, 2003

Nikolaos Bekiaris

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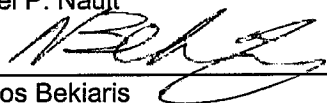
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2) _____, 2003	_____
	Alexandros T. Demos
3) _____, 2003	_____
	Timothy Weidman
4) _____, 2003	_____
	Michael P. Nault
5) <u>October 1st</u> , 2003	
	Nikolaos Bekiaris

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