

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Benjamin Buller</td> <td>10/14/2005</td> </tr> <tr> <td>William J. DeVore</td> <td>10/14/2005</td> </tr> <tr> <td>Jurgen Frosien</td> <td>10/17/2005</td> </tr> <tr> <td>Eugene Mirro Jr.</td> <td>10/21/2005</td> </tr> <tr> <td>Henry Pearce-Percy</td> <td>10/17/2005</td> </tr> <tr> <td>Dieter Winkler</td> <td>10/17/2005</td> </tr> </tbody> </table>		Name	Execution Date	Benjamin Buller	10/14/2005	William J. DeVore	10/14/2005	Jurgen Frosien	10/17/2005	Eugene Mirro Jr.	10/21/2005	Henry Pearce-Percy	10/17/2005	Dieter Winkler	10/17/2005
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Henry Pearce-Percy	10/17/2005														
Dieter Winkler	10/17/2005														
RECEIVING PARTY DATA															
Name:	Applied Materials, Inc.														
Street Address:	3050 Bowers Ave.														
Internal Address:	Patent Counsel														
City:	Santa Clara														
State/Country:	CALIFORNIA														
Postal Code:	95054														
PROPERTY NUMBERS Total: 1															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11241789</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11241789										
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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>															
Phone:	408-563-8621														
Email:	sheri_griffin@amat.com														
Correspondent Name:	Applied Materials														
Address Line 1:	P.O. Box 450-A														
Address Line 4:	Santa Clara, CALIFORNIA 95052														
ATTORNEY DOCKET NUMBER:	10505 USA														

CH \$40.00 11241789

NAME OF SUBMITTER:

Sheri Griffin

Total Attachments: 4

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	BENYAMIN BULLER 10379 Lansdale Avenue Cupertino, California 95014	2)	WILLIAM J. DEVORE 22828 Kings Court Hayward, California 94541
3)	JUERGEN FROSIEN Kufsteinerstr. 16 a D-85521 Riemerling, Germany	4)	EUGENE MIRRO, JR. 15051 Edgemoor Street San Leandro, California 94579
5)	HENRY PEARCE-PERCY 23415 Skyview Terrace Los Gatos, California 95033	6)	DIETER WINKLER Stademannstr. 6 81737 Munchen, Germany

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

ELECTROSTATIC DEFLECTION SYSTEM WITH IMPEDANCE MATCHING FOR HIGH POSITIONING ACCURACY

enclosed herewith or for which application for Letters Patent in the United States was filed on September 30, 2005
under Serial No. 11/241,789 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

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PATENT**REEL: 017213 FRAME: 0328**


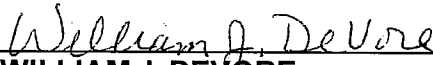
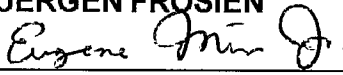

Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue 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>19 Oct 05</u> (DATE)	 _____
		BENYAMIN BULLER
2)	<u>14 Oct 05</u> (DATE)	 _____
		WILLIAM J. DEVORE
3)	_____ (DATE)	_____
		JUERGEN FROSIEN
4)	<u>21 Oct 05</u> (DATE)	 _____
		EUGENE MIRRO, JR.
5)	<u>10/17/2005</u> (DATE)	 _____
		HENRY PEARCE-PERCY
6)	_____ (DATE)	_____
		DIETER WINKLER

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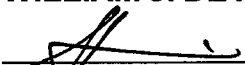

Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

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1)	<u>20.10.2005</u> (DATE)	 _____
		BENYAMIN BULLER
2)	_____ (DATE)	_____
		WILLIAM J. DEVORE
3)	<u>17.10.2005</u> (DATE)	 _____
		JUERGEN FROSIEN
4)	_____ (DATE)	_____
		EUGENE MIRRO, JR.
5)	_____ (DATE)	_____
		HENRY PEARCE-PERCY
6)	<u>17th Oct 05</u> (DATE)	 _____
		DIETER WINKLER