

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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>Satish Sundar</td><td>02/02/2010</td></tr><tr><td>Jeffrey C. Hudgens</td><td>02/02/2010</td></tr><tr><td>Prudhvi R. Chintalapati</td><td>01/28/2010</td></tr><tr><td>William Nixon Taylor Jr</td><td>01/26/2010</td></tr><tr><td>William Paul Laceky</td><td>01/26/2010</td></tr><tr><td>Jeffrey A. Brodine</td><td>01/28/2010</td></tr><tr><td>Dean C. Hruzek</td><td>02/14/2010</td></tr><tr><td>Mario David Silvetti</td><td>01/27/2010</td></tr></tbody></table>		Name	Execution Date	Satish Sundar	02/02/2010	Jeffrey C. Hudgens	02/02/2010	Prudhvi R. Chintalapati	01/28/2010	William Nixon Taylor Jr	01/26/2010	William Paul Laceky	01/26/2010	Jeffrey A. Brodine	01/28/2010	Dean C. Hruzek	02/14/2010	Mario David Silvetti	01/27/2010
Name	Execution Date																		
Satish Sundar	02/02/2010																		
Jeffrey C. Hudgens	02/02/2010																		
Prudhvi R. Chintalapati	01/28/2010																		
William Nixon Taylor Jr	01/26/2010																		
William Paul Laceky	01/26/2010																		
Jeffrey A. Brodine	01/28/2010																		
Dean C. Hruzek	02/14/2010																		
Mario David Silvetti	01/27/2010																		
RECEIVING PARTY DATA																			
<table border="1"><tr><td>Name:</td><td>Applied Materials, Inc.</td></tr><tr><td>Street Address:</td><td>P. O. Box 450A</td></tr><tr><td>City:</td><td>Santa Clara</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95052</td></tr></table>		Name:	Applied Materials, Inc.	Street Address:	P. O. Box 450A	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95052								
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>12684733</td></tr></tbody></table>		Property Type	Number	Application Number:	12684733														
Property Type	Number																		
Application Number:	12684733																		
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:	13249/FEG/SYNX																		

501098700

PATENT
REEL: 023970 FRAME: 0189

CH \$40.00 12684733

NAME OF SUBMITTER:

Barbara Holt

Total Attachments: 9

source=013249USA - SIGNED US ASSIGNMENT#page1.tif

source=013249USA - SIGNED US ASSIGNMENT#page2.tif

source=013249USA - SIGNED US ASSIGNMENT#page3.tif

source=013249USA - SIGNED US ASSIGNMENT#page4.tif

source=013249USA - SIGNED US ASSIGNMENT#page5.tif

source=013249USA - SIGNED US ASSIGNMENT#page6.tif

source=013249USA - SIGNED US ASSIGNMENT#page7.tif

source=013249USA - SIGNED US ASSIGNMENT#page8.tif

source=013249USA - SIGNED US ASSIGNMENT#page9.tif

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1. Satish Sundar
~~1366 Terra Alta Drive~~
~~Milpitas, CA 95035~~
2. Jeffrey C. Hudgens
21 Porter Street
San Francisco, CA 94110
3. Prudhvi R. Chintalapati
200 Parc Place Drive
Milpitas, CA 95035
4. William Nixon Taylor, Jr.
6877 Maple Drive
Dublin, CA 94568
5. William P. Laceky
2885 FM 3405
Georgetown, TX 78633
6. Jeffrey A. Brodine
21441 Madrone Drive
Los Gatos, CA 95033
7. Dean C. Hruzek
11705 Spotted Horse Drive
Austin, TX 78759
8. Mario Dave Silvetti
3450 White Oak Court
Morgan Hill, CA 95037

*Purva Parkridge No 66
Ghosala Road, Garudachara Palya
Bangalore 560048 India*

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

ELECTROSTATIC END EFFECTOR APPARATUS, SYSTEMS AND METHODS FOR
TRANSPORTING SUBSTRATES

for which application for Letters Patent in the United States was filed January 8, 2010 under Serial No. 12/684,733, 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

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 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 has 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.

Dated: 2/2/2010


Satish Sundar

Dated: _____

Jeffrey C. Hudgens

Dated: _____

Prudhvi R. Chintalapati

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 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 has 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.

Dated: _____

Satish Sundar

Dated: 2/2/2010

Jeffrey C. Hudgens

Dated: _____

Prudhvi R. Chintalapati

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 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 has 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.

Dated: _____

Satish Sundar

Dated: _____

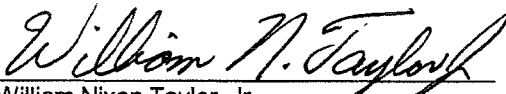
Jeffrey C. Hudgens

Dated: 01/28/2010



Prudhvi R. Chintalapati

Dated: 2/12/2010


William Nixon Taylor, Jr.

Dated: _____

William P. Laceky

Dated: _____

Jeffrey A. Brodine

Dated: _____

Dean C. Hruzek

Dated: _____

Mario Dave Silvetti

Dated: _____

William Nixon Taylor, Jr.

Dated: 11/26/2010

William P. Lacey
William P. Lacey

Dated: _____

Jeffrey A. Brodine

Dated: _____

Dean C. Hruzek

Dated: _____

Mario Dave Silvetti

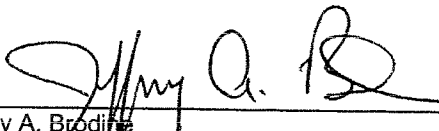
Dated: _____

William Nixon Taylor, Jr.

Dated: _____

William P. Laceky

Dated: 1/28/10



Jeffrey A. Brodine

Dated: _____

Dean C. Hruzek

Dated: _____

Mario Dave Silvetti

Dated: _____

William Nixon Taylor, Jr.

Dated: _____

William P. Laceky

Dated: _____

Jeffrey A. Brodine

Dated: 2/18⁴/10

Dean C. Hruzek
Dean C. Hruzek

Dated: _____

Mario Dave Silvetti

Dated: _____

William Nixon Taylor, Jr.

Dated: _____

William P. Laceky

Dated: _____

Jeffrey A. Brodine

Dated: _____

Dean C. Hruzek

Dated: 1/22/10


Mario Dave Silveti