

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2714919

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>NIR MERRY</td> <td>01/17/2014</td> </tr> <tr> <td>CHANDRAKANT M. SAPKALE</td> <td>12/10/2013</td> </tr> <tr> <td>KARUPPASAMY MUTHUKAMTCHI</td> <td>12/06/2013</td> </tr> <tr> <td>JEFFREY C. HUDGENS</td> <td>02/03/2014</td> </tr> <tr> <td>PENCHALA N. KANKANALA</td> <td>01/20/2014</td> </tr> </tbody> </table>		Name	Execution Date	NIR MERRY	01/17/2014	CHANDRAKANT M. SAPKALE	12/10/2013	KARUPPASAMY MUTHUKAMTCHI	12/06/2013	JEFFREY C. HUDGENS	02/03/2014	PENCHALA N. KANKANALA	01/20/2014
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PENCHALA N. KANKANALA	01/20/2014												
RECEIVING PARTY DATA													
Name:	APPLIED MATERIALS, INC.												
Street Address:	3050 BOWERS AVENUE												
City:	SANTA CLARA												
State/Country:	CALIFORNIA												
Postal Code:	95054												
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>14091130</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14091130								
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Application Number:	14091130												
CORRESPONDENCE DATA													
Fax Number:	(914)579-2201												
Phone:	914-579-2200												
Email:	duganemail@duganpatent.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	BRIAN M. DUGAN, DUGAN & DUGAN, PC												
Address Line 1:	245 SAW MILL RIVER ROAD												
Address Line 2:	SUITE 309												
Address Line 4:	HAWTHORNE, NEW YORK 10532												
ATTORNEY DOCKET NUMBER:	17342/USA												
NAME OF SUBMITTER:	BRIAN M. DUGAN												

PATENT

Signature:	/Brian M. Dugan/
Date:	02/05/2014
Total Attachments: 6 source=143645_2#page1.tif source=143645_2#page2.tif source=143645_2#page3.tif source=143645_2#page4.tif source=143645_2#page5.tif source=143645_2#page6.tif	

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors.

1. Nir Merry
1909 Limetree Lane
Mountain View, CA 94040
2. Chandrakant M. Sapkale
Sobha Ruby Apartment
Flat No- 4091, Nagasandra Post
Tumkur Road, Near Shell Petrol Bunk
Bangalore- 560073
Karnataka, India
3. Karuppasamy Muthukamtchi
Plot #3, Kalainagat 1st Main Road,
P&T Nagar - Post Box No.: 625017.
Madurai, Tamil Nadu,
India.
4. Jeffrey C. Hudgens
21 Porter Street
San Francisco, CA 94110
5. ~~Penchala N. Kankanala
592 Mill Creek Lane, #101
Santa Clara, CA 95054~~ **1962 GARZONI PLACE
SANTA CLARA, CA 95054** *for*

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

PROCESS CHAMBER GAS FLOW APPARATUS, SYSTEMS, AND METHODS

for which application for Letters Patent in the United States was filed November 26, 2013 under Serial No. 14/091,130; 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: 1/17/2014


Nir Merry

Dated: _____

Chandrakant M. Sapkale

Dated: _____

Karuppasamy Muthukamtchi

Dated: _____

Jeffrey C. Hudgens

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.

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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

Dated: _____

Nir Merry

Dated: 10th Dec 2013



Chandrakant M. Sapkale

Dated: _____

Karuppasamy Muthukamtchi

Dated: _____

Jeffrey C. Hudgens

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.

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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

Dated: _____

Nir Merry

Dated: _____

Chandrakant M. Sapkale

Dated: DECEMBER, 06, 2013



Karuppasamy Muthukamtchi

Dated: _____

Jeffrey C. Hudgens

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.

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Nir Merry

Dated: _____

Chandrakant M. Sapkale

Dated: _____

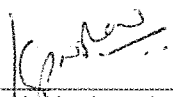
Karuppasamy Muthukamtchi

Dated: 2/3/2014



Jeffrey C. Hudgens

Dated: 01/20/14



Penchala N. Kankanala