

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4131605

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL ROBERT RICE	10/02/2016
MICHAEL MEYERS	04/28/2016
JOHN J. MAZZOCCO	04/27/2016
DEAN C. HRUZEK	04/27/2016
MICHAEL KUCHAR	05/06/2016
SUSHANT S. KOSHTI	04/28/2016
PENCHALA N. KANKANALA	06/27/2016
ERIC A. ENGLHARDT	04/28/2016
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	
Property Type	Number
Application Number:	15029502
CORRESPONDENCE DATA	
Fax Number:	(914)579-2201
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	914-579-2200
Email:	duganemail@duganpatent.com
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:	21233/PCT/USA
NAME OF SUBMITTER:	BRIAN M. DUGAN
SIGNATURE:	/Brian M. Dugan, Reg. #41,720/

PATENT

DATE SIGNED:	11/07/2016
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Total Attachments: 7

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1. Michael Robert Rice
1025 Via DI Salerno
Pleasanton, CA 94566
2. Michael Meyers
675 Palm Haven Avenue
San Jose, CA 95125
3. John J. Mazzocco
1418 Kimberly Drive
San Jose, CA 95118
4. Dean C. Hruzek
731 Edwards Walk Drive
Cedar Park, TX 78613
5. Michael Kuchar
2188 Country Road 289
Georgetown, TX 78633
6. Sushant S. Koshti
1042 Lyon Terrace
Sunnyvale, CA 94089
7. Penchala N. Kankanala
1009 South Wedgewood Road
San Ramon, CA 95054
8. Eric A. Enghardt
4168 Wallis Court
Palo Alto, CA 94306

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

**TRANSFER CHAMBERS WITH AN INCREASED NUMBER OF SIDES, SEMICONDUCTOR DEVICE
MANUFACTURING PROCESSING TOOLS, AND PROCESSING METHODS**

for which application for Letters Patent in the United States was filed April 14, 2016 under Serial No. 15/029,502; 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: 10/2/2016

Michael Robert Rice
Michael Robert Rice

Dated: _____

Michael Meyers

Dated: _____

John J. Mazzocco

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.

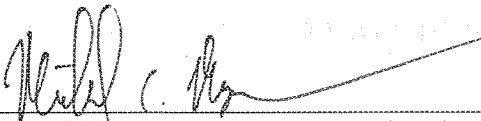
4. Said Assignors hereby warrant and represent that they have has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

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


Dated: _____

Michael Robert Rice

Dated: 9/24/16


Michael Meyers

Dated: 4/27/16


John J. Mazzocco

Dated: 4-27-16

Dean C. Hruzek
Dean C. Hruzek

Dated: _____

Michael Kuchar

Dated: _____

Sushant S. Koshti

Dated: _____

Penchala N. Kankanala

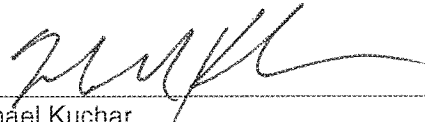
Dated: _____

Eric A. Englhardt

Dated: _____

Dean C. Hruzek

Dated: MAY 6, 2016



Michael Kuchar

Dated: _____

Sushant S. Koshti

Dated: _____

Penchala N. Kankanala

Dated: _____

Eric A. Englhardt


Dated: _____

Dean C. Hruzek

Dated: _____

Michael Kuchar

Dated: 4/28/2016

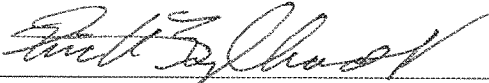


Sushant S. Koshti

Dated: _____

Penchala N. Kankanala

Dated: 4/28/2016



Eric A. Englhardt

Dated: _____

Dean C. Hruzek


Dated: _____

Michael Kuchar

Dated: _____

Sushant S. Koshti

Dated: 06/27/14



Penchala N. Kannanala

Dated: _____

Eric A. Enghardt