

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5466791

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DONGQING YANG	02/26/2019
TIEN FAK TAN	02/20/2019
PETER HILLMAN	04/09/2019
LALA ZHU	04/01/2019
NITIN K. INGLE	02/05/2019
DMITRY LUBOMIRSKY	04/08/2019
CHRISTOPHER SNEDIGAR	02/08/2019
MING XIA	02/06/2019
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:	15670919
CORRESPONDENCE DATA	
Fax Number:	(303)571-4321
<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:	303-571-4000
Email:	sbuta@kilpatricktownsend.com
Correspondent Name:	KILPATRICK TOWNSEND & STOCKTON LLP
Address Line 1:	1100 PEACHTREE ST NE #2800
Address Line 4:	ATLANTA, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	080042-025440USA-1053243
NAME OF SUBMITTER:	SARAH BUTA
SIGNATURE:	/Sarah Buta/

DATE SIGNED:	04/09/2019
Total Attachments: 4 source=1053243_Assignment#page1.tif source=1053243_Assignment#page2.tif source=1053243_Assignment#page3.tif source=1053243_Assignment#page4.tif	

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	Dongqing Yang 6052 Hansen Dr. Pleasanton, CA 94566	2)	Tien Fak Tan 885 S. San Tomas Aquino Rd. Campbell, CA 95008
3)	Peter Hillman 3765 Tamarack Lane, Apt. 92 Santa Clara, CA 95051	4)	Lala Zhu 34434 Calgary Terrace Fremont, CA 94555
5)	Nitin K. Ingle 1435 Graywood Dr. San Jose, CA 95129	6)	Dmitry Lubomirsky 862 Bette Ave. Cupertino, CA 95014
7)	Christopher Snedigar 1154 Roxanne Avenue Hayward, CA 94542	8)	Ming Xia 555 E. El Camino Real Apt. 208 Sunnyvale, CA 94087

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

PROCESS WINDOW WIDENING USING COATED PARTS IN PLASMA ETCH PROCESSES

for which application for Letters Patent in the United States was filed on August 7, 2017, under Application No. 15/670,919, 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 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>2/26/2019</u>	<u>Dongqing Yang</u> Dongqing Yang
2)	<u>2/20/2019</u>	<u>Tien Fak Tan</u> Tien Fak Tan
3)	<u></u>	<u>Peter Hillman</u> Peter Hillman
4)	<u>4/1/2019</u>	<u>Lala Zhu</u> Lala Zhu
5)	<u>2/5/2019</u>	<u>Nitin K. Ingle</u> Nitin K. Ingle
6)	<u>4/8/2019</u>	<u>Dmitry Lubomirsky</u> Dmitry Lubomirsky
7)	<u>2/8/2019</u>	<u>Christopher Snedigar</u> Christopher Snedigar
8)	<u>2/6/2019</u>	<u>Ming Xia</u> Ming Xia

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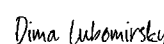
1) _____
Dongqing Yang

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4/9/2019
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