## 503478350 09/14/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
BO XIE	08/10/2015
KANG SUB YIM	08/12/2015
CHENG PAN	08/11/2015
SURE NGO	08/11/2015
TAEWAN KIM	08/10/2015
ALEXANDROS T. DEMOS	08/17/2015

### **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:	14850069

### **CORRESPONDENCE DATA**

**Fax Number:** (713)623-4846

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.

**Phone:** 7136234844

**Email:** kneil@pattersonsheridan.com, psdocketing@pattersonsheridan.com

Correspondent Name: PATTERSON & SHERIDAN LLP

Address Line 1: 24 GREENWAY PLAZA

Address Line 2: SUITE 1600

Address Line 4: HOUSTON, TEXAS 77046

ATTORNEY DOCKET NUMBER:	APPM/022223US
NAME OF SUBMITTER:	JOSEPH J. STEVENS
SIGNATURE:	/Joseph J. Stevens/
DATE SIGNED:	09/14/2015

PATENT 503478350 REEL: 036559 FRAME: 0063

# **Total Attachments: 2**

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PATENT REEL: 036559 FRAME: 0064

Atty Dkt No.: 022223/USA/DSM/LOW K/PJT

### ASSIGNMENT FOR APPLICATION FOR PATENT

#### WHEREAS:

Names and Addresses of Inventors:

1)	Bo XIE 4974 Kenson Drive San Jose, California 95124	2)	Kang Sub YIM 1916 Louis Road Palo Alto, California 94303
3)	Cheng PAN 1829 Camargo Drive San Jose, California 95132	4)	Sure NGO 3766 Ferncroft Way Dublin, California 94568
5)	Taewan KIM 4150 Hamilton Park Drive San Jose, California 95130	6)	Alexandros T. DEMOS 39370 Mozart Terrace Fremont, California 94538

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

#### MULTI-LAYER DIELECTRIC STACK FOR PLASMA DAMAGE PROTECTION

enclosed 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 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 substitute, conventional, 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 therefore and any Patents granted thereon, including without limitation opposition

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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)	8/10/2015 (DATE)	
2)	8 (2 15 (DATE)	Bo XIE
3)	8/11/2015 (DATE)	Kang Sub YIM
4)	8/11/2015 (DATE)	Cheng PAN
5)	01/10/2015 (DATE)	Sure NGO
6)	8/17/2015 (DATE)	Taewan KIM  Alue mun J Dun  Alexandros T. DEMOS