# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

### **CONVEYING PARTY DATA**

Name	Execution Date
CHRISTOPHER S. OLSEN	05/03/2018
ERIC KIHARA SHONO	03/29/2018
LARA HAWRYLCHAK	03/29/2018
AGUS SOFIAN TJANDRA	03/29/2018
CHAITANYA A. PRASAD	03/29/2018

### 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:	15937076		

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	CHAD M. DOUGHERTY
SIGNATURE:	/Chad M. Dougherty/
DATE SIGNED:	05/11/2018

**Total Attachments: 2** 

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**PATENT** REEL: 045782 FRAME: 0085 source=024744US01\_Assignment#page2.tif

PATENT REEL: 045782 FRAME: 0086

Atty Dkt No.: 024744US01 1016.096239 (PATENT)

#### ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Christopher S. OLSEN 38642 Moore Drive Fremont, California 94536	2)	Eric Kihara SHONO 2205 Bridgepointe Pkwy, Apt. 217 San Mateo, California 94404
3)	Lara HAWRYLCHAK 7090 Church Street Gilroy, California 95020	4)	Agus Sofian TJANDRA 1842 Sheri Ann Circle San Jose, California 95131
5)	Chaitanya A. PRASAD #4, 4th Cross, LIC Colony, 3Rd Block, E Jayanagar Bangalore-560011 INDIA		

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

### **REMOTE PLASMA OXIDATION CHAMBER**

for which application for Letters Patent in the United States was filed on **March 27**, **2018**, under Serial No. **15/937,076**, 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 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

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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 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)	5/3/2018	(DATE)	Christopher S. OLSEN
2)	3/29/2018	(DATE)	Eric Kilhara Shono  6124EADA94514DA  Eric Kihara SHONO
3)	3/29/2018	(DATE)	Docusigned by:  Let a Harbon  C76E43E2F5D340D  Lara HAWRYLCHAK
4)	3/29/2018	(DATE)	Docusigned by:  / Lgus Sofian Jandra/  4F656396D32B4D4  Agus Sofian TJANDRA
5)	3/29/2018	(DATE)	Chaitanya A. PRASAD  Chaitanya A. PRASAD