PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KALLOL BERA	12/10/2018
ANANTHA K. SUBRAMANI	12/05/2018
JOHN C. FORSTER	01/07/2019
PHILIP A. KRAUS	12/06/2018
FARZAD HOUSHMAND	12/07/2018
HANHONG CHEN	12/05/2018

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:	17150702

CORRESPONDENCE DATA

Fax Number:

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.

Email: Imurphy@dsiplaw.com
Correspondent Name: SERVILLA WHITNEY LLC
Address Line 1: 33 WOOD AVENUE SOUTH

Address Line 2: SUITE 830

Address Line 4: ISELIN, NEW JERSEY 08830

ATTORNEY DOCKET NUMBER:	024795US02CON
NAME OF SUBMITTER:	JONATHAN B. WRIGHT
SIGNATURE:	/Jonathan B. Wright, Reg. #72662/
DATE SIGNED:	01/18/2021

Total Attachments: 7

PATENT REEL: 054946 FRAME: 0034

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PATENT REEL: 054946 FRAME: 0035

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors

1)	Kallol Bera 5058 Garden Way Fremont, CA, 94536 United States of America	
2)	Anantha K. Subramani 4245 Merlot Court San Jose, CA, 95135 United States of America	
3)	John C. Forster 191 Thompson Square Mt. View, CA, 94043 United States of America	
4)	Philip A. Kraus 1006 Broadway Avenue San Jose, CA, 95125 United States of America	

5)	Farzad Houshmand 974 E. Arques Avenue Santa Clara, CA, 94085 United States of America
6)	Hanhong Chen 1204 Park View Dr Milpitas, CA, 95035 United States of America

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

"Plasma Source For Rotating Susceptor"

for which application for Letters Patent in the United States was filed on May 15, 2018,

under Serial No. 15980158, 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, CA, 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:

 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 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)	12/101,2018	Kallol Bera (INVENTOR) Kallol Bera
2)	2018	(INVENTOR) Anantha K. Subramani
3)		(INVENTOR) John C. Forster
4)	, 2018	(INVENTOR) Philip A. Kraus

Attorney Docket No. 024795US01

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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1)2018	(INVENTOR) Kallol Bera
2) Dec 5th	Add lower (INVENTOR) Anantha K. Subramani
3)2018	(INVENTOR) John C. Forster
4)2018	(INVENTOR) Philip A. Kraus

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1)	, 2018	
-	WEST CONTROL OF THE C	(INVENTOR) Kallol Bera
2)	2018	
Z)	2016	(INVENTOR) Anantha K. Subramani
	_ 1	~
3)	<u>\underset</u> , 2018	40m Ctomm
		(INVENTOR) John C. Forster
	D I D I D I D I D I D I D I D I D I D I	
4)	, 2018	(INVENTOR) Philip A. Kraus
		DISACIATORY CHURCHY COURS

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1)	2018	
		(INVENTOR) Kallol Bera
2)	2018	
د.	2010	(INVENTOR) Anantha K. Subramani
3)	, 2018	
		(INVENTOR) John C. Forster
43	Day C	Philad Kana
4)	<u>Dec. 6</u> 2018	(INVENTOR) Philip A. Kraus
		UNIVERSITY FUND A KIAUS

Attorney Docket No. 024795US01

5)	12 / 7 / 2018	(INVENTOR) Farzad Houshmand
6)		(INVENTOR) Hanhong Chen

5)	<u></u>	2018	(INVENTOR) Farzad Houshmand
6)	<u>Dec 5</u>	2018	Lla-Gur (INVENTOR) Hanhong Chen

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