503831160 05/18/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3877808

		NEW ASSIGNMENT	
ATURE OF CONVEYAN	ICE:	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ		
		Name	Execution Date
WILLIAM T. WEAVER			05/13/2016
JASON M. SCHALLER			05/13/2016
ROBERT BRENT VOPAT			05/12/2016
DAVID BLAHNIK	05/13/2016		
BENJAMIN B. RIORDON	١		05/16/2016
PAUL E. PERGANDE			05/13/2016
RECEIVING PARTY DA	ТА		
Name:	APPLI	ED MATERIALS, INC.	
Street Address:	3050 E	OWERS AVENUE	
City:	SANTA	A CLARA	
State/Country:	CALIF	ORNIA	
Postal Code:	95054		
	Total: 4		
PROPERTY NUMBERS Property Type	Total: 1	Number	
Property Type	Total: 1		
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Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUMARE OF SUBMITTER:	ATA e sent to provideo	Number 15099760 o the e-mail address first; if that is unsud; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent Imurphy@dsiplaw.com SERVILLA WHITNEY LLC 33 WOOD AVENUE SOUTH SUITE 830 ISELIN, NEW JERSEY 08830 022273/USA/DSM/DSM-ALD JEFFREY I. BLANKMAN	via US Mail.
Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if µ Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provideo	Number 15099760 o the e-mail address first; if that is unsuccessful, it will be sent d; if that is unsuccessful, it will be sent Imurphy@dsiplaw.com SERVILLA WHITNEY LLC 33 WOOD AVENUE SOUTH SUITE 830 ISELIN, NEW JERSEY 08830 022273/USA/DSM/DSM-ALD	via US Mail.

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors

1)	William T. Weaver 13708 Overland Pass Austin, TX, 78738 United States of America
2)	Jason M. Schaller 12520 Belcara Piace Auslin, TX, 78732 United States of America
3)	Robert Brent Vopat 8800 Crest Ridge Cir Austin, TX, 78750 United States of America
4)	David Blahnik 2802 Quanah Drive Round Rock, TX, 78681 United States of America

5)	Benjamin B. Riordon 7A Monroe Street Newburyport, MA, 01950 United States of America	
6)	Paul E. Pergande 8606 Bryer Creek Trail Austin, TX, 78717 United States of America	

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

"Buffer Chamber Wafer Heating Mechanism & Supporting Robot"

for which application for Letters Patent in the United States was filed on April 15, 2016.

under Serial No. 15/099,760, 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:

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

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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, tille 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 (i) 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.

The term and covenants of this agreement shall inure to the benefit of said Assignee, its 3. successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

Said Assignors hereby warrant and represent that they have not entered and will not enter 4 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>5/13/1(</u>~ 2016.

(INVENTOR) William T. Weaver

2016

2016

Jason-M. Schaller-

(INVENTOR) Robert Brent Vopat

a tail (INVENTOR) David Blahnik

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5) <u>MAY 16</u>, 2016

(INVENTOR) Benjamin B. Riordon

6) _____,2016

(INVENTOR) Paul E. Pergande

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5) ______ 2016 (INVENTOR) Benjamin B. Riordon 6) 5-13 ,2016 Aul Church (INVENTOR) Paul E. Pergande

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RECORDED: 05/18/2016