503759222 03/29/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3805868

SUBMISSION TYPE:		NEW AS	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGN	ASSIGNMENT		
CONVEYING PARTY	DATA	•			
		Name		Execution Date	
JENNIFER Y. SUN					
BIRAJA P. KANUNGO)			03/14/2013	
DMITRY LUBOMIRSK	Ϋ́			03/14/2013	
RECEIVING PARTY [ΟΑΤΑ				
Name:	APPLIE		G, INC.		
Street Address:	3050 B	OWERS AVEN			
City:	SANTA	ANTA CLARA			
State/Country:	CALIFO	RNIA			
Postal Code:	95054				
Property Type 150		15084299	Number 84299		
CORRESPONDENCE	DATA				
Fax Number:		(973)422-2927		ana anaful it will be and	
			aress first; if that is un accessful, it will be sei	successful, it will be sent nt via US Mail.	
Phone: 973-5		973-597-2500			
		,	nson@lowenstein.com		
			VENSTEIN SANDLER LLP		
Address Line 2: Address Line 4:			VINGSTON AVENUE ELAND, NEW JERSEY 07068		
			28245.183 L0029C		
NAME OF SUBMITTER	R:		BENJAMIN A. KIMES (REG. NO. 50870)		
SIGNATURE:			/Benjamin A. Kimes/		
DATE SIGNED:		03/29/20	03/29/2016		
Total Attachments: 2					
source=28245-0183_L(_	• • •			
source=28245-0183_L0	JU29C_ASS	gnment#page2	2.UT		

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1) Jennifer Y. Sun 106 Oak Haven Place Mountain View, CA 94041 2) Biraja P. Kanungo 1919 Fruitdale Ave., Apt. D20 San Jose, CA 95128

3) Dmitry Lubomirsky 10540 Felton Way Cupertino, CA 95014

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

CHEMISTRY COMPATIBLE COATING MATERIAL FOR ADVANCED DEVICE ON-WAFER PARTICLE PERFORMANCE

for which application for Letters Patent in the United States was executed on even date herewith; and /or for which an application for Letters Patent in the United States has been filed on_______, Serial No.______; 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 Assignor, 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

PATENT REEL: 038128 FRAME: 0264

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.

2013

<u>3/14</u>, 2013

2013

Biraia P

Drhittey Lubomirsky

2 of 2