

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5851674

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	Hari Soundararajan	10/10/2019
	Shou-Sung Chang	10/11/2019
	Haosheng Wu	10/10/2019
	Jianshe Tang	10/10/2019
	Jeonghoon Oh	10/21/2019
	Rajeev Bajaj	10/14/2019
	Andrew Siordia	10/10/2019
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:	16448980
CORRESPONDENCE DATA		
Fax Number:	(877)769-7945	
<i>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.</i>		
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ATTORNEY DOCKET NUMBER:	05542-1384001	
NAME OF SUBMITTER:	MELISSA ANDERSEN	
SIGNATURE:	/Melissa Andersen/	
DATE SIGNED:	12/05/2019	

PATENT

Total Attachments: 2

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

Hari Soundararajan 1220 Vienna Drive, #491 Sunnyvale, CA	Jianshe Tang 6203 Lean Avenue San Jose, CA 95123
Shou-Sung Chang 1553 Alison Ave Mountain View, CA 94040	Jeonghoon Oh 18372 Purdue Drive Saratoga, CA 95070
Haosheng Wu 80 Descanso Dr., Unit 3201 San Jose, CA 95134	Rajeev Bajaj 43651 Skye Road Fremont, CA 94539
	Andrew Siordia 1254 Henderson Ave., Apt. 2 Sunnyvale, CA 94086

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

Temperature Control of Chemical Mechanical Polishing
for which application for Letters Patent in the United States was filed on 6/21/2019, under Serial
No. 16/448,980, 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 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 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 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.

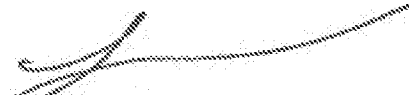
4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

Date: 10/10/2019


HARI SOUNDARARAJAN

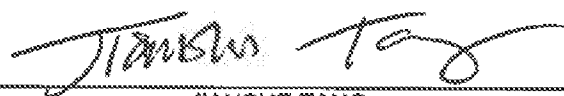
Date: 10-11-2019


SHOU-SUNG CHANG


Date: 10/10/2019


HAOSHENG WU

Date: 10/10/2019


JIANSHE TANG

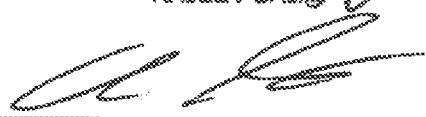
Date: 10/21/2019


JEONGHOON OH

Date: 10/14/2019


RAJEEV BAJAJ

Date: 10/10/2019


ANDREW SIORDIA

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