

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5356615

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YIHONG CHEN	01/23/2019
RUI CHENG	01/24/2019
PRAMIT MANNA	01/24/2019
ABHIJIT BASU MALLICK	01/24/2019
SHISHI JIANG	01/24/2019
YONG WU	01/24/2019
KURTIS LESCHKIES	01/24/2019
SRINIVAS GANDIKOTA	01/24/2019
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:	16246711
CORRESPONDENCE DATA	
Fax Number:	(713)623-4846
<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>	
Email:	psdocketing@pattersonsheridan.com, jnewell@pattersonsheridan.com
Correspondent Name:	PATTERSON & SHERIDAN LLP
Address Line 1:	24 GREENWAY PLAZA
Address Line 2:	SUITE 1600
Address Line 4:	HOUSTON, TEXAS 77046
ATTORNEY DOCKET NUMBER:	025703US
NAME OF SUBMITTER:	JOSEPH J. STEVENS
SIGNATURE:	/Joseph J. Stevens/

DATE SIGNED:	02/01/2019
Total Attachments: 4 source=APPM 25703 Assignment from all inventors#page1.tif source=APPM 25703 Assignment from all inventors#page2.tif source=APPM 25703 Assignment from all inventors#page3.tif source=APPM 25703 Assignment from all inventors#page4.tif	

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Yihong CHEN 20 Descanso Dr., Unit 1132 San Jose, California 95134	2)	Rui CHENG 3500 Granada Avenue, Apt. 120 Santa Clara, California 95051
3)	Pramit MANNA 3480 Granada Avenue #230 Santa Clara, California 95051	4)	Abhijit Basu MALLICK 47863 Masters Court Fremont, California 94539
5)	Shishi JIANG 3765 Tamarack Lane #107 Santa Clara, California 95051	6)	Yong WU 111 N. Rengstorff Ave., Apt. 96 Mountain View, California 94043
7)	Kurtis LESCHKIES 1647 Town Club Drive San Jose, California 95124	8)	Srinivas GANDIKOTA 2727 Monroe Street Santa Clara, California 95051

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

SEAM HEALING USING HIGH PRESSURE ANNEAL

enclosed 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.

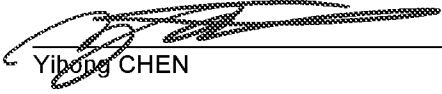
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt 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 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) January 23rd (DATE) 
Yihong CHEN
- 2) _____ (DATE) _____
Rui CHENG
- 3) _____ (DATE) _____
Pramit MANNA
- 4) _____ (DATE) _____
Abhijit Basu MALLICK
- 5) _____ (DATE) _____
Shishi JIANG
- 6) _____ (DATE) _____
Yong WU
- 7) _____ (DATE) _____
Kurtis LESCHKIES
- 8) _____ (DATE) _____
Srinivas GANDIKOTA

Atty Dkt No.: 025703US

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Yihong CHEN 20 Descanso Dr., Unit 1132 San Jose, California 95134	2)	Rui CHENG 3500 Granada Avenue, Apt. 120 Santa Clara, California 95051
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NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

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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,

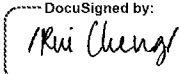
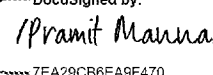
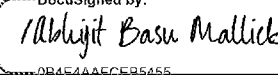
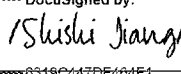
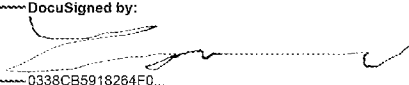
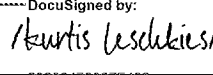
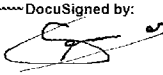
Atty Dkt No.: 025703US

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.

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

1)	_____ (DATE)	Yihong CHEN
2)	1/24/2019 _____ (DATE)	<small>DocuSigned by:</small>  <small>48D792F7C44B476...</small> Rui CHENG
3)	1/24/2019 _____ (DATE)	<small>DocuSigned by:</small>  <small>7FA28CB6FA9F470...</small> Pramit MANNA
4)	1/24/2019 _____ (DATE)	<small>DocuSigned by:</small>  <small>0B4E4AAFCB95455...</small> Abhijit Basu MALLICK
5)	1/24/2019 _____ (DATE)	<small>DocuSigned by:</small>  <small>6319C447DF464F1...</small> Shishi JIANG
6)	1/24/2019 _____ (DATE)	<small>DocuSigned by:</small>  <small>0338CB5918264F0...</small> Yong WU
7)	1/24/2019 _____ (DATE)	<small>DocuSigned by:</small>  <small>89806479027F523...</small> Kurtis LESCHKIES
8)	1/24/2019 _____ (DATE)	<small>DocuSigned by:</small>  <small>AB79E074776E426...</small> Srinivas GANDIKOTA