

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6064024

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUKETU A. PARIKH	04/13/2020
RONG TAO	02/24/2020
ROEY SHAVIV	11/19/2019
JOUNG JOO LEE	09/12/2019
SESHADRI GANGULI	03/27/2020
SHIRISH PETHE	04/14/2020
DAVID GAGE	11/15/2019
JIANSHE TANG	03/27/2020
MICHAEL A. STOLFI	03/27/2020
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:	16516817
CORRESPONDENCE DATA	
Fax Number:	(732)935-7122
<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>	
Phone:	732-935-7100
Email:	lzaveta@mtiplaw.com
Correspondent Name:	MOSER TABOADA/ALAN TABOADA
Address Line 1:	1030 BROAD STREET
Address Line 2:	SUITE 203
Address Line 4:	SHREWSBURY, NEW JERSEY 07702
ATTORNEY DOCKET NUMBER:	44016935US1
NAME OF SUBMITTER:	ALAN TABOADA

PATENT

SIGNATURE:	/ALAN TABOADA/
DATE SIGNED:	04/16/2020
Total Attachments: 7 source=44016935US1#page1.tif source=44016935US1#page2.tif source=44016935US1#page3.tif source=44016935US1#page4.tif source=44016935US1#page5.tif source=44016935US1#page6.tif source=44016935US1#page7.tif	

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

Suketu A Parikh
4624 Aviara Court
San Jose CA, 95135 USA

Rong Tao
1131 Arlington Lane
San Jose, CA 95129 USA

Roey Shaviv
501 El Capitan Place
Palo Alto, CA 94306 USA

Joung Joo Lee
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Seshadri Ganguli
980 Belmont Terrace #6
Sunnyvale, CA 94086 USA

Shirish Pethe
10175 Parkwood Drive
Cupertino, CA 95014 USA

David Gage
3185 Garden Ave
San Jose, CA 95111 USA

Jianshe Tang
6203 Lean Avenue
San Jose, CA 95123 USA

Michael A Stolfi
18 Dennis Drive
Clifton Park, NY, 12065 USA

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

METHODS AND APPARATUS FOR FORMING DUAL METAL INTERCONNECTS

for which we have filed an application for a Patent of the United States on July 19, 2019, Serial No. 16/516,817; 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:

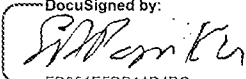
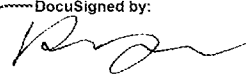
1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention 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 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.

<p>4/13/2020 _____ (DATE)</p>	<p>DocuSigned by:  FD051E5DB11D4BC... _____ SUKETU A. PARIKH</p>
<p>2/24/2020 _____ (DATE)</p>	<p>DocuSigned by:  B606E22F064E4CE... _____ RONG TAO</p>
<p>_____ (DATE)</p>	<p>_____ ROEY SHAVIV</p>

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 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.

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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)

SUKETU A. PARIKH

_____(DATE)

RONG TAO

11/19/2019 (DATE)

Rocy Shavia

Sep. 12 2017 (DATE)



JOUNG JOO LEE

_____ (DATE)

SESHADRI GANGULI

_____ (DATE)

SHIRISH PETHE

_____ (DATE)

DAVID GAGE

_____ (DATE)

JIANSHE TANG

_____ (DATE)

MICHAEL A. STOLFI

_____(DATE)

3/27/2020

_____(DATE)

_____(DATE)

_____(DATE)

3/27/2020

_____(DATE)

3/27/2020

_____(DATE)

DocuSigned by:
JOUNG JOO LEE
Seshadri Ganguli
1E29ECECB7BD44F...

SHIRISH PETHE

DocuSigned by:
DAVID GAGE
Jianshe Tang
E3B003CDD0E2E4B2

DocuSigned by:
JIAN SHE TANG
Michael A Stolfi
ED4A05177462409...

_____(DATE)

JOUNG JOO LEE

_____(DATE)

SESHADRI GANGULI

4/14/2020 _____(DATE)

DocuSigned by:


SHRISH PETHE

_____(DATE)

DAVID GAGE

_____(DATE)

JIANSHE TANG

_____(DATE)

MICHAEL A. STOLFI

_____(DATE)

JOUNG JOO LEE

_____(DATE)

SESHADRI GANGULI

_____(DATE)

SHIRISH PETHE

11/15/19 (DATE)

David M Gage

DAVID GAGE

_____(DATE)

JIANSHE TANG

_____(DATE)

MICHAEL A. STOLFI