

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6837797

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RIA SOMESHWAR	07/21/2021
SESHADRI GANGULI	07/21/2021
LAN YU	07/21/2021
SIDDARTH KRISHNAN	07/28/2021
SRINIVAS GANDIKOTA	07/21/2021
JACQUELINE S. WRENCH	07/26/2021
YIXIONG YANG	07/21/2021
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:	17376504
CORRESPONDENCE DATA	
Fax Number:	
<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:	lmurphy@dsiplaw.com
Correspondent Name:	SERVILLA WHITNEY LLC
Address Line 1:	33 WOOD AVENUE SOUTH
Address Line 2:	SUITE 830
Address Line 4:	ISELIN, NEW JERSEY 08830
ATTORNEY DOCKET NUMBER:	44019956US01
NAME OF SUBMITTER:	STEPHEN A. SEACH
SIGNATURE:	/Stephan A. Seach, Reg. #79181/
DATE SIGNED:	07/29/2021

Total Attachments: 3

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ASSIGNMENT FOR APPLICATION FOR PATENT**WHEREAS:**

Names and Addresses of Inventors

1)	Ria Someshwar 3340 Scott Blvd Santa Clara, CA 95054 United States of America
2)	Seshadri Ganguli 980 Belmont Terrace #6 Sunnyvale, CA 94086 United States of America
3)	Lan Yu 14 Country Club Ln Voorheesville, NY 12186 United States of America
4)	Siddarth Krishnan 36229 Kiote Dr Newark, CA 94560 United States of America

5)	Srinivas Gandikota 2727 Monroe Street Santa Clara, CA 95051 United States of America
6)	Jacqueline S. Wrench 3473 N 1st St, Apt 218 San Jose, CA 95134 United States of America
7)	Yixiong Yang 225 Merrill Avenue Fremont, CA 94539 United States of America

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

"METHODS OF FORMING SEMICONDUCTOR STRUCTURES"

for which application for Letters Patent in the United States was filed on July 15, 2021,

under Serial No. 17376504, 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 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 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) 7/21/2021, 2021 / DocuSigned by: Ria Someshwar /
(INVENTOR) Ria Someshwar
66D44B643E9442E...

2) 7/21/2021, 2021 / DocuSigned by: Seshadri Ganguli /
(INVENTOR) Seshadri Ganguli
1E29E9E6B79B44F...

3) 7/21/2021, 2021 / DocuSigned by: Lan Yu /
(INVENTOR) Lan Yu
8C80835B4B6B40D...

Attorney Docket No. 44019956US01

4) 7/28/2021, 2021 /  /
791483220C8149C
(INVENTOR) Siddarth Krishnan

5) 7/21/2021, 2021 /  /
07D519D207FA442
(INVENTOR) Srinivas Gandikota

6) 7/26/2021, 2021 /  /
280F25F910EE484
(INVENTOR) Jacqueline S. Wrench

7) 7/21/2021, 2021 /  /
2A0E6D1164D9470
(INVENTOR) Yixiong Yang