

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3767158

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WEI V. TANG	02/26/2016
PAUL F. MA	02/26/2016
STEVEN C.H. HUNG	02/26/2016
MICHAEL CHUDZIK	02/29/2016
SIDDARTH KRISHNAN	02/29/2016
WENYU ZHANG	02/26/2016
SESHADRI GANGULI	02/26/2016
NAOMI YOSHIDA	03/01/2016
LIN DONG	02/29/2016
YIXIONG YANG	02/26/2016
LIQI WU	02/29/2016
SHIH CHUNG CHEN	02/26/2016
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:	15043883
CORRESPONDENCE DATA	
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<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
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Correspondent Name:	MOSER TABOADA/ALAN TABOADA
Address Line 1:	1030 BROAD STREET
Address Line 2:	SUITE 203

PATENT

Address Line 4: SHREWSBURY, NEW JERSEY 07702	
ATTORNEY DOCKET NUMBER:	23626/MDP/ALD
NAME OF SUBMITTER:	ALAN TABOADA
SIGNATURE:	/Alan Taboada/
DATE SIGNED:	03/03/2016
Total Attachments: 3 source=APPM23626#page1.tif source=APPM23626#page2.tif source=APPM23626#page3.tif	

Case No. 23626/MDP/ALD

ASSIGNMENT FOR APPLICATION FOR PATENT**WHEREAS:**Name and Address
of Inventor:

- | | |
|--|---|
| 1) Wei V. TANG
2584 Crystal Dr.
Santa Clara, CA 95051 | 7) Seshadri GANGULI
980 Belmont Terrace #6
Sunnyvale, CA 94086 |
| 2) Paul F. MA
2181 Rancho McCormick Blvd
Santa Clara, CA 95050 | 8) Naomi YOSHIDA
1369 Zurich Terrace
Sunnyvale, CA 94087 |
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| 4) Michael CHUDZIK
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1333 Lee Pl
San Jose, CA 95131 |
| 5) Siddarth KRISHNAN
36229 Klote Dr
Newark, CA 94560 | 11) Liqi WU
2178 Laurel Dr.
Santa Clara, CA 95050 |
| 6) Wenyu ZHANG
718 Old San Francisco Road Apt.
332
Sunnyvale, CA 94086 | 12) Shih Chung CHEN
10220 Vicksburg Court
Cupertino, CA 95014 |

(hereinafter referred to as Assignor), has invented a certain invention entitled:

MULTI-THRESHOLD VOLTAGE STRUCTURES WITH A LANTHANUM NITRIDE FILM AND METHODS OF FORMATION THEREOF

for which I have filed an application for a Patent of the United States on December 17, 2015, having Serial No. 62/268,997; which claims priority to the United States Patent filed on February 15, 2016, Serial No. 15/043,883 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 Assignor to have been received in full from said Assignee:

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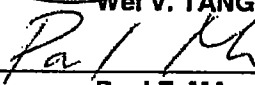
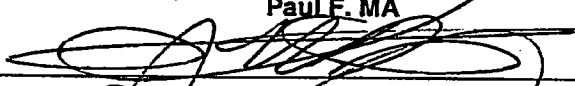
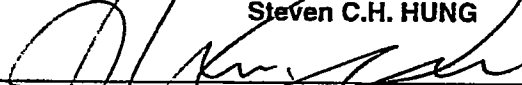

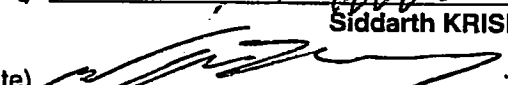

1. Said Assignor hereby sells, assigns, transfers and conveys to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention 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 Assignor hereby covenants and agrees 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 Assignor 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 Assignor in providing such cooperation shall be paid for by said Assignee.


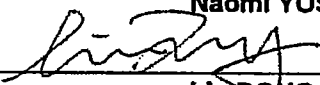


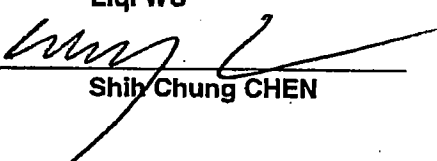
3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignor, his respective heirs, legal representatives and assigns.

4. Said Assignor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

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

1)	<u>02/26/16</u> (Date)	 Wei V. TANG
2)	<u>02/26/16</u> (Date)	 Paul F. MA
3)	<u>2-26-2016</u> (Date)	 Steven C.H. HUNG
4)	<u>2-29-2016</u> (Date)	 Michael CHUDZIK
5)	<u>2-29-2016</u> (Date)	 Siddarth KRISHNAN
6)	<u>02/26/2016</u> (Date)	 Wenyu ZHANG
7)	<u>02/26/2016</u> (Date)	 Seshadri GANGULI

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- 8) 3/1/16 (Date) 
Naomi YOSHIDA
- 9) 2/29/2016 (Date) 
Lin DONG
- 10) 2/26/2016 (Date) 
Yixiong YANG
- 11) 2/29/2016 (Date) 
Liqi WU
- 12) 2/26/2016 (Date) 
Shih Chung CHEN

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