

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
APPLIED MATERIALS SINGAPORE TECHNOLOGY PTE. LTD.	01/16/2015
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14461318
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<b>SIGNATURE:</b>	/Tatiana Rossin/
<b>DATE SIGNED:</b>	02/02/2015
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, Applied Materials Singapore Technology Pte. Ltd., a company organized under the laws of Singapore, and having a principal place of business at 8 Upper Changi Road North, Applied Materials Building, Singapore 506906 (hereinafter referred to as ASSIGNOR), is the owner of all right, title, and interest in, to, and under the patents and patent applications identified in the attached **Annex A**, and the inventions disclosed therein.

WHEREAS, Applied Materials, Inc., a corporation organized under the laws of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, CA 95054, U.S.A. (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to, and under the patents and patent applications identified in the attached **Annex A**, and the inventions disclosed therein.

NOW, THEREFORE, for good and valuable consideration acknowledged by said ASSIGNOR to have been received in full from said ASSIGNEE, ASSIGNOR, hereby sells, assigns, transfers, and conveys to ASSIGNEE or its successor and assigns, the entire right, title and interest in, to, and under the patents and patent applications identified in the attached **Annex A**, and the inventions disclosed therein, and any related patent applications, and all divisions, renewals, and continuations of any of the foregoing, and all patents which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for the patents, patent applications, and inventions in any country or countries other than the countries of the patents and patent applications in **Annex A** together with the right to file such applications and the right to claim for the same, the priority rights derived from the patents and patent applications, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on patents and patent applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNOR hereby covenants and agrees that ASSIGNOR has full right to convey the entire interest assigned, and that ASSIGNOR has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR hereby further covenants and agrees that ASSIGNOR will communicate to ASSIGNEE, its successor, legal representatives and assigns, any facts known to ASSIGNOR regarding the inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, and foreign applications, make all rightful oaths, and generally aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the inventions in all countries all at ASSIGNEE'S expense.

IN WITNESS WHEREOF, ASSIGNOR has executed and delivered this instrument to ASSIGNEE on the date indicated below.

16 January 2015  
Date

Nancy Ludgus  
Signature(s)

Nancy Ludgus  
Typed or printed name(s)

Director  
Title(s) of person(s) signing

Applied Materials Singapore Technology  
Pte. Ltd.  
Assignor name

# APPENDIX A

Application Serial Number: 14/461,318

Filing Date: August 15, 2014

Title: NOZZLE FOR UNIFORM PLASMA PROCESSING

First Named Inventor: Rohit Mishra

Attorney's Docket Number: 022112USA/AMST/APDC/MDD

BSTZ Docket Number: 4887P1169