

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6126118

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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>               |
| SHUWEI LIU                                                                                                                                                                                                            | 05/26/2020                          |
| VIBHU JINDAL                                                                                                                                                                                                          | 05/26/2020                          |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                                           |                                     |
| <b>Name:</b>                                                                                                                                                                                                          | APPLIED MATERIALS, INC.             |
| <b>Street Address:</b>                                                                                                                                                                                                | 3050 BOWERS AVENUE                  |
| <b>City:</b>                                                                                                                                                                                                          | SANTA CLARA                         |
| <b>State/Country:</b>                                                                                                                                                                                                 | CALIFORNIA                          |
| <b>Postal Code:</b>                                                                                                                                                                                                   | 95054                               |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                                      |                                     |
| <b>Property Type</b>                                                                                                                                                                                                  | <b>Number</b>                       |
| Application Number:                                                                                                                                                                                                   | 16877948                            |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                                            |                                     |
| <b>Fax Number:</b><br><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> |                                     |
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| <b>Correspondent Name:</b>                                                                                                                                                                                            | SERVILLA WHITNEY LLC                |
| <b>Address Line 1:</b>                                                                                                                                                                                                | 33 WOOD AVENUE SOUTH, SUITE 830     |
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| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                                        | 44016874US03                        |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                                             | SCOTT S. SERVILLA                   |
| <b>SIGNATURE:</b>                                                                                                                                                                                                     | /Scott S. Servilla, Reg. No. 40806/ |
| <b>DATE SIGNED:</b>                                                                                                                                                                                                   | 05/28/2020                          |
| <b>Total Attachments: 2</b><br>source=00901856#page1.tif<br>source=00901856#page2.tif                                                                                                                                 |                                     |

**ASSIGNMENT FOR APPLICATION FOR PATENT****WHEREAS:**

Names and Addresses of Inventors

|    |                                                                                       |
|----|---------------------------------------------------------------------------------------|
| 1) | Shuwei Liu<br>BLK121A, Kim Tian Place, #28-68<br>Singapore, 161121<br>Singapore       |
| 2) | Vibhu Jindal<br>3904 Wellington Sq.<br>San Jose, CA 95136<br>United States of America |

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

**“EXTREME ULTRAVIOLET MASK ABSORBER MATERIALS”**

for which application for Letters Patent in the United States was filed on May 19, 2020,

under Serial No. 16/877,948, 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

