

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Souichi FUKAYA</td> <td>06/06/2013</td> </tr> <tr> <td>Hideo NAKAGAWA</td> <td>06/11/2013</td> </tr> <tr> <td>Kouhei SASAMOTO</td> <td>06/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Souichi FUKAYA	06/06/2013	Hideo NAKAGAWA	06/11/2013	Kouhei SASAMOTO	06/06/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SHIN-ETSU CHEMICAL CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>6-1, Ohtemachi 2-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-0004</td> </tr> </table>		Name:	SHIN-ETSU CHEMICAL CO., LTD.	Street Address:	6-1, Ohtemachi 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-0004
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CORRESPONDENCE DATA											
<p>Fax Number: 7034132220  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000        Email: mkassaye@oblon.com        Correspondent Name: Oblon, Spivak, et al.        Address Line 1: 1940 Duke Street        Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	416125US68										
NAME OF SUBMITTER:	Mesfin Kassaye										
Signature:	/Mesfin Kassaye/										
Date:	06/24/2013										

OP \$40.00 13892557

This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 3**

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN  
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

<b>Title of Invention</b>	PHOTOMASK BLANK, METHOD FOR MANUFACTURING PHOTOMASK, AND METHOD FOR MANUFACTURING PHASE SHIFT MASK
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input type="checkbox"/> The attached application, or  is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>13/892,557</u>  filed on <u>May 13, 2013</u></p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>WHEREAS, <u>SHIN-ETSU CHEMICAL CO., LTD.</u>  (hereinafter referred to as "ASSIGNEE") having places of business at: <u>6-1, Ohtemachi 2-chome, Chiyoda-ku,</u>  <u>Tokyo, Japan, 100-0004</u>, is desirous of acquiring the entire right, title and interest in and to said invention and in and  to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and  all foreign countries;</p> <p>NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby  acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto  said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions  and in all foreign countries (including the right to claim priority under the terms of the International Convention and  other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and  interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial  possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations,  substitutions and renewals thereof.</p> <p>I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and  any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the  assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its  (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and  entirely as the same would have been held by me had this Assignment and sale not been made.</p> <p>Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me  respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional,  continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and  all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything  possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said  invention in the United States and its territorial possessions and in any and all foreign countries.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001  by fine or imprisonment of not more than five (5) years, or both.</p>	
<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Souichi FUKAYA</u>	Date: <u>Jun. 6, 2013</u>
Signature: <u>Souichi Fukaya</u>	

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR	
Inventor: <u>Hideo NAKAGAWA</u>	Date: <u>Jun 11, 2013</u>
Signature: <u>Hideo Nakagawa</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Kouhei SASAMOTO</u>	Date: <u>Jun. 6. 2013</u>
Signature: <u>Kouhei Sasamoto</u>	

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