

PATENT ASSIGNMENT

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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>Jun HATAKEYAMA</td> <td>07/07/2010</td> </tr> <tr> <td>Kazuhiro KATAYAMA</td> <td>07/07/2010</td> </tr> <tr> <td>Youichi OHSAWA</td> <td>07/07/2010</td> </tr> <tr> <td>Masaki OHASHI</td> <td>07/07/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jun HATAKEYAMA	07/07/2010	Kazuhiro KATAYAMA	07/07/2010	Youichi OHSAWA	07/07/2010	Masaki OHASHI	07/07/2010
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<table border="1"> <tr> <td>Name:</td> <td>Shin-Etsu Chemical Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>6-1, Otemachi 2-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Shin-Etsu Chemical Co., Ltd.	Street Address:	6-1, Otemachi 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN		
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CORRESPONDENCE DATA											
<p>Fax Number: 2028221111 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-822-1100 Email: PatentMail@whda.com Correspondent Name: Westerman, Hattori, Daniels & Adrian, LL Address Line 1: 1250 Connecticut Avenue, NW Address Line 2: Suite-700 Address Line 4: Washington, DISTRICT OF COLUMBIA 20036-2657</p>											
ATTORNEY DOCKET NUMBER:	101012A										
NAME OF SUBMITTER:	Andrew G. Melick										
Total Attachments: 1 source=101012_Assignment#page1.tif											

OP \$40.00 13836507

PATENT

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

Shin-Etsu Chemical Co., Ltd. of
6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

Patterning Process and Resist Composition

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Tsun Hatakeyama</u>	<u>Jun HATAKEYAMA</u>	<u>July 7, 2010</u>
(Signature)	(Type Name)	(Date)
<u>Kazuhiro Katayama</u>	<u>Kazuhiro KATAYAMA</u>	<u>July 7, 2010</u>
(Signature)	(Type Name)	(Date)
<u>Youichi Ohsawa</u>	<u>Youichi OHSAWA</u>	<u>July 7, 2010</u>
(Signature)	(Type Name)	(Date)
<u>Masaki Ohashi</u>	<u>Masaki OHASHI</u>	<u>July 7, 2010</u>
(Signature)	(Type Name)	(Date)
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(Signature)	(Type Name)	(Date)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 03/19/2013

REEL: 030042 FRAME: 0205