

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>Keiichi MASUNAGA</td> <td>02/03/2012</td> </tr> <tr> <td>Daisuke DOMON</td> <td>02/03/2012</td> </tr> <tr> <td>Satoshi WATANABE</td> <td>02/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Keiichi MASUNAGA	02/03/2012	Daisuke DOMON	02/03/2012	Satoshi WATANABE	02/03/2012
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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, Ohtemachi 2-chome</td> </tr> <tr> <td>City:</td> <td>Chiyoda-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Shin-Etsu Chemical Co., Ltd.	Street Address:	6-1, Ohtemachi 2-chome	City:	Chiyoda-ku, Tokyo	State/Country:	JAPAN
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Application Number:	13407062								
CORRESPONDENCE DATA									
Fax Number:	(202)822-1111								
Email:	patentmail@whda.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
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NAME OF SUBMITTER:	Crystal Boyer								
Total Attachments: 1 source=Assignment#page1.tif									

OP \$40.00 13407062

U.S. ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by

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

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

(hereinafter ASSIGNEE), 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)

CHEMICALLY AMPLIFIED NEGATIVE RESIST COMPOSITION AND PATTERNING PROCESS

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

filed on _____ Application 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>Keiichi Masunaga</u> (Signature)	<u>Keiichi MASUNAGA</u> (Type Name)	<u>February 3, 2012</u> (Date)
<u>Daisuke Domon</u> (Signature)	<u>Daisuke DOMON</u> (Type Name)	<u>February 3, 2012</u> (Date)
<u>Satoshi Watanabe</u> (Signature)	<u>Satoshi WATANABE</u> (Type Name)	<u>February 3, 2012</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED

PATENT