

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>Daijitsu HARADA</td> <td>01/16/2012</td> </tr> <tr> <td>Masaki TAKEUCHI</td> <td>01/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	Daijitsu HARADA	01/16/2012	Masaki TAKEUCHI	01/16/2011		
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Masaki TAKEUCHI	01/16/2011								
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> </table>		Name:	Shin-Etsu Chemical Co., Ltd.	Street Address:	6-1, Ohtemachi 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN
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CORRESPONDENCE DATA									
<p>Fax Number: (202)822-1111 Phone: 2028221100 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></p> <p>Correspondent Name: Westernmn, Hattori, Daniels & Adrian, LL Address Line 1: 1250 Connecticut Ave, NW Address Line 2: Suite 700 Address Line 4: Washington, DISTRICT OF COLUMBIA 20036</p>									
ATTORNEY DOCKET NUMBER:	120173								
NAME OF SUBMITTER:	Crystal Boyer								
Total Attachments: 1 source=Assignment#page1.tif									

OP \$40.00 13369459

U.S. ASSIGNMENT(Insert ASSIGNEE's
Name(s) Address(es))FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby
acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR) by**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)

MOLD-FORMING SUBSTRATE AND INSPECTION METHODfor 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>Daijitsu Harada</u> (Signature)	<u>Daijitsu HARADA</u> (Type Name)	<u>January 16, 2012</u> (Date)
<u>Masaki Takeuchi</u> (Signature)	<u>Masaki TAKEUCHI</u> (Type Name)	<u>January 16, 2012</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
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NO LEGALIZATION REQUIRED