

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>Hideto KATO</td> <td>07/04/2012</td> </tr> <tr> <td>Michihiro SUGO</td> <td>07/04/2012</td> </tr> <tr> <td>Shohei TAGAMI</td> <td>07/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hideto KATO	07/04/2012	Michihiro SUGO	07/04/2012	Shohei TAGAMI	07/04/2012
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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, 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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PROPERTY NUMBERS Total: 1									
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CORRESPONDENCE DATA									
<p>Fax Number: 2028221111</p> <p>Phone: 2028221100</p> <p>Email: patentmail@whda.com</p> <p><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: Westernn, Hattori, Daniels & Adrian, LL</p> <p>Address Line 1: 1250 Connecticut Ave, NW</p> <p>Address Line 2: Suite 700</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20036</p>									
ATTORNEY DOCKET NUMBER:	120864								
NAME OF SUBMITTER:	Crystal Boyer								
<p>Total Attachments: 1</p> <p>source=120864 Assignment#page1.tif</p>									

OP \$40.00 13556655

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)

**WAFER PROCESSING LAMINATE, WAFER PROCESSING MEMBER, TEMPORARY
BONDING ARRANGEMENT, AND THIN WAFER MANUFACTURING METHOD**

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)

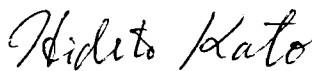
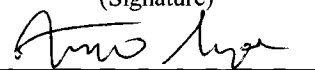
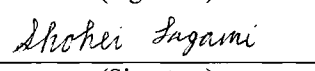
and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

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)

	Hideto KATO	July 4, 2012
(Signature)	(Type Name)	(Date)
	Michihiro SUGO	July 4, 2012
(Signature)	(Type Name)	(Date)
	Shohei TAGAMI	July 4, 2012
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 07/24/2012

REEL: 028625 FRAME: 0366