

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>Tsutomu KASHIWAGI</td> <td>03/28/2012</td> </tr> <tr> <td>Yoshihira HAMAMOTO</td> <td>03/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tsutomu KASHIWAGI	03/28/2012	Yoshihira HAMAMOTO	03/28/2012
Name	Execution Date						
Tsutomu KASHIWAGI	03/28/2012						
Yoshihira HAMAMOTO	03/28/2012						
RECEIVING PARTY DATA							
Name:	Shin-Etsu Chemical Co., Ltd.						
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City:	Chiyoda-ku, Tokyo						
State/Country:	JAPAN						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13441115</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13441115		
Property Type	Number						
Application Number:	13441115						
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Total Attachments: 2 source=397465USAssignment#page1.tif source=397465USAssignment#page2.tif							

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their representatives any facts known to me (us) 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 Letter Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: March 28, 2012

Tsutomu Kashiwagi
(Signature of Inventor) Tsutomu KASHIWAGI

Date: March 28, 2012

Yoshihira Hamamoto
(Signature of Inventor) Yoshihira HAMAMOTO

Date: _____

(Signature of Inventor)

Date: _____

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Date: _____

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