

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Satoshi Okada</td> <td>10/27/2010</td> </tr> <tr> <td>Makoto Hasegawa</td> <td>10/28/2010</td> </tr> <tr> <td>Hiroshi Kumai</td> <td>10/27/2010</td> </tr> </tbody> </table>		Name	Execution Date	Satoshi Okada	10/27/2010	Makoto Hasegawa	10/28/2010	Hiroshi Kumai	10/27/2010
Name	Execution Date								
Satoshi Okada	10/27/2010								
Makoto Hasegawa	10/28/2010								
Hiroshi Kumai	10/27/2010								
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Name:	ASAHI GLASS COMPANY, LIMITED								
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City:	Tokyo								
State/Country:	Japan								
Postal Code:	100-8405								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12958872</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12958872				
Property Type	Number								
Application Number:	12958872								
<b>CORRESPONDENCE DATA</b>									
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Total Attachments: 2 source=371341USASSIGNMENT#page1.tif source=371341USASSIGNMENT#page2.tif									

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**PATENT**



Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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, P.C. 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.

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(Signature of Inventor) Satoshi Okada

Date: 10.28.2010 Makoto Hasegawa  
(Signature of Inventor) Makoto Hasegawa

Date: 10.27.2010 Hiroshi Kumai  
(Signature of Inventor) Hiroshi Kumai

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