

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>Satoshi OKADA</td> <td>12/05/2011</td> </tr> <tr> <td>Makoto HASEGAWA</td> <td>11/30/2011</td> </tr> <tr> <td>Hiroshi KUMAI</td> <td>11/28/2011</td> </tr> <tr> <td>Huromichi NAGAYAMA</td> <td>11/30/2011</td> </tr> </tbody> </table>		Name	Execution Date	Satoshi OKADA	12/05/2011	Makoto HASEGAWA	11/30/2011	Hiroshi KUMAI	11/28/2011	Huromichi NAGAYAMA	11/30/2011
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Asahi Glass Company, Limited</td> </tr> <tr> <td>Street Address:</td> <td>5-1, Marunouchi 1-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8405</td> </tr> </table>		Name:	Asahi Glass Company, Limited	Street Address:	5-1, Marunouchi 1-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8405
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CORRESPONDENCE DATA											
<p>Fax Number: (703)413-2220 Phone: (703) 413-3000 Email: msavanh@oblon.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	392477US99CONT										
NAME OF SUBMITTER:	Malisa Savanh										
<p>Total Attachments: 2 source=392477USASSIGNMENT#page1.tif source=392477USASSIGNMENT#page2.tif</p>											

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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.

Date: Dec. 5, 2011

Satoshi Okada

(Signature of Inventor) Satoshi OKADA

Date: Nov. 30, 2011

Makoto Hasegawa

(Signature of Inventor) Makoto HASEGAWA

Date: Nov. 28, 2011

Hiroshi Kumai

(Signature of Inventor) Hiroshi KUMAI

Date: Nov 30, 2011

Hiromichi Nagayama

(Signature of Inventor) Hiromichi NAGAYAMA

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