

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Masaaki TAKATA</td> <td>03/08/2012</td> </tr> <tr> <td>Long SHAO</td> <td>03/13/2012</td> </tr> <tr> <td>Kei IWATA</td> <td>03/08/2012</td> </tr> <tr> <td>Tomonori OGAWA</td> <td>03/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Masaaki TAKATA	03/08/2012	Long SHAO	03/13/2012	Kei IWATA	03/08/2012	Tomonori OGAWA	03/15/2012
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<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</p> <p>Phone: 703-413-3000</p> <p>Email: nbrown@oblon.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: Oblon Spivak et al.</p> <p>Address Line 1: 1940 Duke Street</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	394407US99CONT										
NAME OF SUBMITTER:	Nicole Brown										
<p>Total Attachments: 2</p> <p>source=394407USassignment#page1.tif</p> <p>source=394407USassignment#page2.tif</p>											

OP \$40.00 13367780

WHEREAS, I (WE) Masaaki TAKATA, Long SHAO, Kei IWATA and Tomonori OGAWA

all of Tokyo, Japan

have invented certain new and useful improvements in: SYNTHESIZED SILICA GLASS FOR OPTICAL COMPONENT

(Application No. 13/367,780, filed February 7, 2012), and

WHEREAS, ASAHI GLASS COMPANY, LIMITED

(hereinafter referred to as "ASSIGNEE") having a place of business at: 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8405 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therein in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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: Mar. 8th. 2012

Masaaki Takata

(Signature of Inventor) Masaaki TAKATA

Date: Mar. 13th. 2012

Long Shao

(Signature of Inventor) Long SHAO

Date: Mar. 8th. 2012

Kei Iwata

(Signature of Inventor) Kei IWATA

Date: Mar. 13th. 2012

Tomonori Ogawa

(Signature of Inventor) Tomonori OGAWA

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314