

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>Takaya FURUTA</td> <td>11/17/2011</td> </tr> <tr> <td>Koji NISHIJIMA</td> <td>11/21/2011</td> </tr> <tr> <td>Koichi MORI</td> <td>11/21/2011</td> </tr> <tr> <td>Yasuhiro MATSUMOTO</td> <td>11/25/2011</td> </tr> <tr> <td>Akio NAKABAYASHI</td> <td>11/25/2011</td> </tr> </tbody> </table>		Name	Execution Date	Takaya FURUTA	11/17/2011	Koji NISHIJIMA	11/21/2011	Koichi MORI	11/21/2011	Yasuhiro MATSUMOTO	11/25/2011	Akio NAKABAYASHI	11/25/2011
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RECEIVING PARTY DATA													
Name:	NIPPON ELECTRIC GLASS CO., LTD.												
Street Address:	7-1, Seiran 2-chome, Otsu-shi,												
City:	Shiga												
State/Country:	JAPAN												
Postal Code:	520-8639												
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>13296565</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13296565								
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Application Number:	13296565												
CORRESPONDENCE DATA													
Fax Number:	(202)721-8250												
Phone:	202-721-8200												
Email:	wlp@wenderoth.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:	Wenderoth, Lind & Ponack, L.L.P.												
Address Line 1:	1030 15th Street NW												
Address Line 2:	Suite 400 East												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005												
ATTORNEY DOCKET NUMBER:	2011_1791A												
NAME OF SUBMITTER:	Janae Johnson												
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif													

OP \$40.00 13296565

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) of Inventor(s) Takaya FURUTA, Koji NISHIJIMA, Koichi MORI, Yasuhiro MATSUMOTO and
Akio NAKABAYASHI

Insert Name(s) of Assignee(s) the undersigned hereby sell(s) and assign(s) to
Address NIPPON ELECTRIC GLASS CO., LTD.
of 7-1, Seiran 2-chome, Otsu-shi, Shiga, 5208639 Japan
(hereinafter designated as the Assignee) the entire right, title and interest for the
United States as defined in 35 USC 100, in the invention known as

Title of Invention MANUFACTURING METHOD FOR A GLASS FILM

Date of Signing of Application for which an application for patent in the United States has been executed by the
undersigned
on November 25, 2011

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 1030 15th Street, N.W., Suite 400 East Washington, D.C. 20005-1503, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date November 17, 2011, Name of the Inventor Takaya Furuta
 Takaya FURUTA
 Date November 21, 2011, Name of the Inventor Koji Nishijima
 Koji NISHIJIMA
 Date November 21, 2011, Name of the Inventor Koichi Mori
 Koichi MORI
 Date November 25, 2011, Name of the Inventor Yasuhiro Matsumoto
 Yasuhiro MATSUMOTO
 Date November 25, 2011, Name of the Inventor Akio Natabayashi
 Akio NAKABAYASHI
 Date _____, Name of the Inventor _____
 Date _____, Name of the Inventor _____

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Michiharu Eto
 Witness Yasuhiko Taniguchi

ACKNOWLEDGMENT

 _____ } ss

This _____ day of _____, 20____, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

Official Signature

Official Title

SEAL

The above application may be more particularly identified as follows:

U.S. Application Serial No. 13/296,565 Filing Date November 15, 2011
 Applicant Reference Number FP2011-096US Atty Docket No. _____
 Title of Invention MANUFACTURING METHOD FOR A GLASS FILM