

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>Tomonori KANO</td> <td>04/20/2012</td> </tr> <tr> <td>Noritomo NISHIURA</td> <td>04/17/2012</td> </tr> <tr> <td>Koki UEDA</td> <td>04/11/2012</td> </tr> <tr> <td>Takahide NAKAMURA</td> <td>04/12/2012</td> </tr> <tr> <td>Daisuke NAGATA</td> <td>04/11/2012</td> </tr> <tr> <td>Hidetaka ODA</td> <td>04/11/2012</td> </tr> <tr> <td>Yuji IWAMA</td> <td>04/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tomonori KANO	04/20/2012	Noritomo NISHIURA	04/17/2012	Koki UEDA	04/11/2012	Takahide NAKAMURA	04/12/2012	Daisuke NAGATA	04/11/2012	Hidetaka ODA	04/11/2012	Yuji IWAMA	04/17/2012
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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>13429548</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13429548												
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Application Number:	13429548																
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.																
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Address Line 2:	Suite 400 East																
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005																

OP \$40.00 13429548

ATTORNEY DOCKET NUMBER:	2012_0485A
NAME OF SUBMITTER:	Janae Johnson
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

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) Tomonori KANO, Noritomo NISHIURA, Koki UEDA, Takahide NAKAMURA,
Daisuke NAGATA, Hidetaka ODA and Yuji IWAMA

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 APPARATUS FOR A THIN GLASS SHEET

Date of Signing of Application for which an application for patent in the United States has been executed by the undersigned
on April 17, 2012

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 April 20, 2012, Name of the Inventor Tomonori KANO
 Tomonori KANO
 Date April 17, 2012, Name of the Inventor Noritomo NISHIURA
 Noritomo NISHIURA
 Date April 11, 2012, Name of the Inventor Koki Ueda
 Koki UEDA
 Date April 12, 2012, Name of the Inventor Takahide Nakamura
 Takahide NAKAMURA
 Date April 11, 2012, Name of the Inventor Daisuke Nagata
 Daisuke NAGATA
 Date April 11, 2012, Name of the Inventor Hidetaka Oda
 Hidetaka ODA
 Date April 17, 2012, Name of the Inventor Yuji IWAMA
 Yuji IWAMA

(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 Eta

Witness _____

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

SEAL

 Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. 13/429,548 Filing Date March 26, 2012

Applicant Reference Number FP2012-030US Atty Docket No. _____

Title of Invention MANUFACTURING APPARATUS FOR A THIN GLASS SHEET