U.S. PTO 12/379982 03/05/2009

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FORM PTO-1595 (modified)

RECORDATION FORM COVE PATENTS ONLY

To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) there-1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Hiroshi KOMORI Name: NIPPON ELECTRIC GLASS CO., LTD. (2) Shinkichi MIWA Address: 7-1, Seiran 2-chome, Otsu-shi Shiga 5208639 Japar Additional name(s) of conveying party(ies) attached? No 3. Nature of conveyance: Additional name(s) & address(es) attached? No Assignment Merger Security Agreement Change of Name Other Execution Date: (1) February 9, 2009 & (2) February 5, 2009 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: February 5, 2009 & February 9, 2009 Patent Application No.(s) B. Patent No.(s) Α. NEW, filed March 5, 2009 , issued Additional numbers attached? No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1 document should be mailed: Name: WENDEROTH, LIND & PONACK, L.L.P. 7. Total fee (37 CFR 3.41).... ...\$40.00 Attn: Michael R. Davis, Esq. X Enclosed (Check No. Street Address: 1030 15th Street, N.W., Suite 400 East Authorized to be charged to deposit account 8. Deposit account number: 23-0975 City: Washington, State: DC ZIP: 20005-1503 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document Michael R. Davis, Reg. No. 25,134 March 5, 2009 Name of Person Signing Date Total number of pages including cover shee OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information: Commissioner and Assistant Secretary of Patents and Trademarks, MANUL 00000033 12379982 Box Assignments 40.00 OP Alexandria, VA 22313 84 FC:8821

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DOCKET NO. 2009_036

REEL: 022419 FRAME: 0883

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) | Hiroshi KOMORI and Shinkichi MIWA | |
|--------------------------------------|--|--|
| | the undersigned hereby sell(s) and assign(s) to | |
| Insert Name(s) | NIPPON ELECTRIC GLASS CO., LTD. | |
| of Assignee(s) | of 7-1, Seiran 2-chome, Otsu-shi Shiga 5208639 Japan | |
| Address | | |
| | (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 | GLASS SUBSTRATE | |
| | for which an application for patent in the United States has been executed by the undersigned | |
| Date of Signing of Application | onFebruary_9, 2009 | |
| | 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

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.

in obtaining evidence and going forward with such interference.

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., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, 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.

PATENT

REEL: 022419 FRAME: 0884

| In witness whereof, executed name(s). | l by the undersigned on the date(s) opposite the undersigned |
|---------------------------------------|--|
| Date February 9, 2009 | Name of the Inventor) fireshir Komori |
| Date February 5, 2009 | Name of the Inventor Hiroshi KOMORI Shinkichi MIWA |
| Date | Name of the Inventor |
| Date | Name of the Inventor |
| Date, | Name of the Inventor |
| Date | Name of the Inventor |
| Date, | Name of the Inventor |
| then the execution by the Inventor(s | ferably be acknowledged before a United States Consul. If not, should be witnessed by at least two witnesses who sign here.) |
| Witness | 1100W70 |
| Witness | ki Gamazaki |
| A | CKNOWLEDGMENT |
| } | SS |
| This | day of, 20, before me |
| personally came the above-named m | te personally known as the individual(s) who executed the power to me that he (they) executed the same of his (their) own |
| SEAL | Official Signature |
| | Official Title |
| The above application may be | more particularly identified as follows: |
| U.S. Application Serial No. | |
| | Filing Date |
| Applicant Reference Number FP08-1 | 107US Atty Docket No |

2

PATENT REEL: 022419 FRAME: 0885