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Yasunori SETO (December 19, 2000) Akira FUJISAWA (December 19, 2000) Tsuyoshi OTANI (December 19, 2000)	Nippon Sheet Glass Co., Ltd. 5-11 Doshomachi 3-chome Chuo-ku, Osaka-shi, Osaka	
Masahiro HIRATA (December 19, 2000)	541-0045 Japan	
	Kaneka Corporation 2-4 Nakanoshima 3-chome Kita-ku, Osaka-shi, Osaka 530-8288 Japan	
Additional name(s) of conveying party(ies) attached?	Additional name(s) & address(es) attached? Yes No	
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If this document is being filed together with a new application, the execution date of the application is:		
A. Patent Application No.(s)	B. Patent No.(s)	
09/691,442		
Additional numbers attach	.do □ Vee M No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Douglas P. Mueller Address: Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to deposit account 8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725	
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Douglas P. Mueller	January 12, 2001	
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ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

Inventor(s) Name, Address, Citizenship

- 1. <u>Yasunori SETO</u> residing at c/o <u>NIPPON SHEET GLASS CO., LTD., 5-11</u>, <u>Doshomachi 3-chome</u>, <u>Chuo-ku</u>, <u>Osaka-shi</u>, <u>Osaka 541-0045</u>, <u>Japan</u> and a citizen of <u>Japan</u>;

 2. Akira FUJISAWA residing at c/o <u>NIPPON SHEET GLASS CO., LTD., 5-1</u>
- 2. Akira FUJISAWA residing at c/o NIPPON SHEET GLASS CO., LTD., 5-11, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045, Japan and a citizen of Japan;
- 3. Tsuyoshi OTANI residing at c/o NIPPON SHEET GLASS CO., LTD., 5-11, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045, Japan and a citizen of Japan;
- 4. Masahiro HIRATA residing at c/o NIPPON SHEET GLASS CO., LTD., 5-11, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045, Japan and a citizen of Japan;

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on ____ for this invention, which application is entitled GLASS SHEET WITH CONDUCTIVE FILM AND GLASS ARTICLE USING THE SAME and which has been given Serial Number 09/691,442 and the filing date of October 18, 2000;

AND WHEREAS 1) Nippon Sheet Glass Co., Ltd. and 2) Kaneka Corporation (herein called "ASSIGNEE"), corporations organized under the laws of Japan, and having an office and place of business at 1) 5-11. Doshomachi 3-chome. Chuo-ku, Osaka-shi, Osaka 541-0045, Japan, 2) 2-4, Nakanoshima 3-chome. Kita-ku, Osaka-shi, Osaka 530-8288, Japan

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Date Patent Declaration Signed and Title Serial No. and filing date (if known)

Name of Corporation

State or Country of .
Incorporation and Address

PATENT REEL: 011452 FRAME: 0583

Each inventor must sign & date	Yacunori Seto	December 19, 2000
	Signature Yasunori SETO	Date
Note: No legalization or other	Skiro- Fujisawa- Signature Akira FUJISAWA	December 19, 2000
witness required	Signature Akira FUJISAWA	Date
	Jacyoshi Utani Signature Tsuyoshi OTANI	December 19 2000
	Signature Tsuyoshi OTANI	Date
	masshir lleuto	Dec. 19, 2000
	Signature Masahiro HIRATA	Date

PATENT RECORDED: 01/16/2001 REEL: 011452 FRAME: 0584