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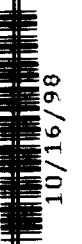


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To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Hiroya NAGATA, Masayuki KUDO, Koji TSUKUMA,  
Yoshikazu KIKUCHI and Tomoyuki AKIYAMA

Additional name(s) of conveying party(ies) attached?  
 yes  no

2. Name and address of receiving party(ies)?  
Name:  
TOSOH CORPORATION AND NIPPON SILICA GLASS CO., LTD.  
Internal Address:  
4560, Kaisei-cho, Shinnanyo-shi, Yamaguchi, 746-0006 Japan and  
2-4, Kyobashi  
3-chome, Chuo-ku, Tokyo, 104-0031 Japan  
Street Address:  
Same as above

City State Zip

Additional name(s) & address(es) attached?  
 yes  no

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: September 16, 1998

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:  
September 16, 1998

A. Patent Application No.(s) | B. Patent No(s).

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE, MION, ZINN, MACPEAK & SEAS  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:  
One (1)

7. Total Fee (37 CFR 3.41): \$ 40.00  
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.  
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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.

*Jerry Maxwell* Reg 23063  
Name Addell A. Biggart Reg. No. 24,861 | October 16, 1998  
Date

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PATENT  
REEL: 9524 FRAME: 0801

# Assignment

Whereas, I/We,

Hiroya NAGATA, Masayuki KUDO, Koji TSUKUMA, Yoshikazu KIKUCHI and Tomoyuki AKIYAMA of 302, 10-39, Okada 1-chome, Atsugi-shi, Kanagawa, 243-0021 Japan; 18-6, Nakamachi 3-chome, Machida-shi, Tokyo, 194-0021 Japan; 20-7, Matsushiro 1-chome, Tsukuba-shi, Ibaraki, 305-0035 Japan; 43-7, Tsuruta, Sagae-shi, Yamagata, 991-0000 Japan; 309, 11-16, Sakuradahigashi 2-chome, Yamagata-shi, Yamagata, 990-2323 Japan respectively

hereinafter called assignor(s), have invented certain improvements in

Opaque Silica Glass Article Having Transparent Portion and Process for Producing Same

and executed an application for Letters Patent of the United States of America therefor on September 16, 1998; and

Whereas,

TOSOE CORPORATION of 4560, Kaisei-cho, Shinnanyo-shi, Yamaguchi, 746-0006 Japan and NIPPON SILICA GLASS CO., LTD. of 2-4, Kyobashi 3-chome, Chuo-ku, Tokyo, 104-0031 Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys BUGHNUE, MION, ZINN, MACPEAK & BEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: Sep. 16, 1998 of Hiroya Nagata Hiroya NAGATA

Date: Sep. 16, 1998 of Masayuki Kudo Masayuki KUDO

Date: Sep. 16, 1998 of Koji Tsukuma Koji TSUKUMA

Date: Sep. 16, 1998 of Yoshikazu Kikuchi Yoshikazu KIKUCHI

Date: Sep. 16, 1998 of Tomoyuki Akiyama Tomoyuki AKIYAMA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §281)

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