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To the Honorable Commissioner

## 1. Name of conveying party(ies):

Nobusuke YAMADA, Shinkichi HASHIMOTO, Koji  
TSUKUMA, Tomoyuki AKIYAMA, Yoshikazu KIKUCHI and  
Hideaki SEGAWAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: November 20, 1998

## 2. Name and address of receiving party(ies):

Name: 1) TOSOH CORPORATION  
2) NIPPON SILICA GLASS CO., LTDAddress: 1) 4560, Kaisei-cho, Shinmuyo-shi  
Yamaguchi, 746-8501 Japan  
2) 2-4, Kyobashi 2-chome, Chuo-ku,  
Tokyo, 104-0031 JapanAdditional name(s) and address(es) attached? ☐ Yes ☒ No

## 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 N/A

## A. Patent Application No.(s)

09/204,160

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

OBLON, SPIVAK, McCLELLAND, MAIER &  
NEUSTADT P.C.  
Attorneys at Law  
Fourth Floor  
1755 Jefferson Davis Highway  
Arlington, Virginia 22202

## 6. Total applications and patents involved:

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 15-0030

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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.*John K. Pike, Ph.D.  
Registration No. 41,253

Norman F. Oblon

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PATENT

REEL: 9708 FRAME: 0582

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# Assignment Of Application

Page 1 of 2

INSERT NAMES  
AND RESIDENCE  
ADDRESSES OF  
THE INVENTORS:

WHEREAS, I (WE) Nobusuke YAMADA, Shinkichi HASHIMOTO, Koji TSUKUMA,  
Tomoyuki AKIYAMA, Yoshikazu KIKUCHI and Hideaki SEGAWA of 10-39, Okada  
1-chome, Atsugi-shi, Kanagawa, 243-0021 Japan; 1-25-102, Fujimigaoka,  
Tsuzuki-ku, Yokohama-shi, Kanagawa, 224-0051 Japan; 20-7, Matsushiro  
1-chome, Tsukuba-shi, Ibaraki, 305-0035 Japan; 309, 11-16,  
Sakuradahigashi 2-chome, Yamagata-shi, Yamagata, 990-2323 Japan;  
43-7, Tsuruta, Sagae-shi, Yamagata, 991-0000 Japan; 606, 3-11,  
Soutsukimachi 2-chome, Yamagata-shi, Yamagata, 990-0065 Japan

INSERT TITLE  
OF INVENTION:

have invented certain new and useful improvements in: HIGH PURITY TRANSPARENT  
SILICA GLASS AND PROCESS FOR PRODUCING SAME

INSERT DATE IN-  
VENTORS SIGNED  
DECLARATION:

for which an application for Letters Patent was executed on November 20, 1998  
(Application No. 09/204,160 filed December 3, 1998), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

WHEREAS, TOSOH CORPORATION and NIPPON SILICA GLASS CO., LTD.  
(hereinafter referred to as "ASSIGNEE") having a place of business at:  
4560, Kaisei-cho, Shinnanyo-shi, Yamaguchi, 746-8501 Japan and  
2-4, Kyobashi 3-chome, Chuo-ku, Tokyo, 104-0031 Japan  
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: November 20, 1998	(Signature of Inventor)	<u>Nobusuke Yamada</u> Nobusuke YAMADA
Date: November 20, 1998	(Signature of Inventor)	<u>Shinkichi Hashimoto</u> Shinkichi HASHIMOTO
Date: November 20, 1998	(Signature of Inventor)	<u>Koji Tsukuma</u> Koji TSUKUMA
Date: November 20, 1998	(Signature of Inventor)	<u>Tomoyuki Akiyama</u> Tomoyuki AKIYAMA
Date: November 20, 1998	(Signature of Inventor)	<u>Yoshikazu Kikuchi</u> Yoshikazu KIKUCHI
Date: November 20, 1998	(Signature of Inventor)	<u>Hideaki Segawa</u> Hideaki SEGAWA
Date: _____	(Signature of Inventor)	_____
Date: _____	(Signature of Inventor)	_____

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**

ATTORNEYS AT LAW

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