

09-17-2002



Atty Docket No.: 227855US3/scm

FORM PTO-1595  
1-31-92

9-12.02

102223898

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Mitsuyoshi SAKAI, Michito SASAKI, and Hajime ITOH

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

Name: Asahi Glass Company, Limited  
Address: 12-1, Yurakucho 1-chome, Chiyoda-k  
TOKYO 100-8405 JAPAN

10/24/02  
10/24/02  
09/12/02

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: August 10, 19, 22, 2002

Additional 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: August 10, 19, 22, 2002

A. Patent Application No.(s)

10/241639

B. Patent No.(s)

Additional numbers attached?  Yes  No

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



22850

6. Total applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 15-0030  
(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.

C. Irvin McClelland  
Name of Person Signing

Signature

9/12/02  
Date

Registration Number: 21,124

Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

09/13/2002 BSAYASI1 00000036 10241639

03 FC:581

40.00 DP

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 013284 FRAME: 0105

AB-403-US  
(F2002-087)

# Assignment of Application

WHEREAS, I (WE) 1) Mitsuyoshi Sakai, 2) Michito Sasaki and 3) Hajime Itoh

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

1) of: c/o Asahi Glass Company, Limited

10-1, Kitahoncho 1-chome, Funabashi-shi, Chiba, Japan

2) of: c/o Asahi Glass Company, Limited

1-1, Suehiro-cho, Tsurumi-ku, Yokohama-shi, Kanagawa, Japan

3) of: c/o Asahi Glass Company, Limited

1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, Japan

INSERT TITLE OF INVENTION:

\_\_\_\_\_, respectively,

have invented certain new and useful improvements in: \_\_\_\_\_

## VACUUM DEGASSING APPARATUS FOR MOLTEN GLASS

INSERT DATE INVENTORS SIGNED DECLARATION:

for which an application for Letters Patent was executed on August 10, 19 and 22, 2002

(Application No. \_\_\_\_\_, filed \_\_\_\_\_), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

WHEREAS, Asahi Glass Company, Limited

(hereinafter referred to as "ASSIGNEE") having a place of business at: \_\_\_\_\_

12-1, Yurakucho 1-chome, Chiyoda-ku, TOKYO 100-8405 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;

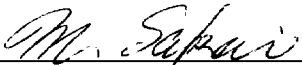
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United 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.

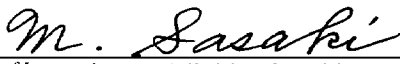
I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the 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.

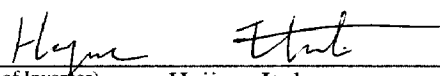
10/01

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: 10/AUG/02   
 (Signature of Inventor) Mitsuyoshi Sakai

Date: 19/AUG/02   
 (Signature of Inventor) Michito Sasaki

Date: 22/AUG/02   
 (Signature of Inventor) Hajime Itoh

Date: \_\_\_\_\_  
 (Signature of Inventor)

Date: \_\_\_\_\_  
 (Signature of Inventor)

Date: \_\_\_\_\_  
 (Signature of Inventor)

Date: \_\_\_\_\_  
 (Signature of Inventor)

Date: \_\_\_\_\_  
 (Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
FOURTH FLOOR  
1755 JEFFERSON DAVIS HIGHWAY  
ARLINGTON, VIRGINIA 22202

10/01