



103229571

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

4.26.04

1. Name of conveying party(ies):

- 1. Masao IWAYA
- 2. Kazuya OHARU
- 3. Hirokazu TAKAGI
- 4. Hidekazu OKAMOTO

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

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

Name: Asahi Glass Company, Limited  
 Address: 12-1 Yurakucho 1-chome, Chiyoda-ku, Tokyo  
 100-8405 Japan

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: March 27, 2006, March 27, 2006,  
April 10, 2006, March 28, 2006

Additional name(s) and address(es) attached?  Yes  No



4. Application number(s) or patent number(s):

This document is being filed together with a new application

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:

Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220

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.*

Frederick D. Vastine, Ph.D.  
Name of Person Signing

*F D Vastine*  
Signature

4/26/06  
Date

Registration Number: 27,013

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:

Director of the United States Patent and Trademark Office  
Mail Stop Assignment Recordation Services  
Alexandria, Virginia. 22313

04/27/2006 KBETEM1 00000066 11410896

04 FC:8021

40.00 DP



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 1940 Duke Street, Alexandria, Virginia 22314 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: March 27, 2006

Masao Iwaya.  
(Signature of Inventor) Masao Iwaya ✓

Date: March 27, 2006

Kazuya Oharu  
(Signature of Inventor) Kazuya Oharu ✓

Date: April 10, 2006

Hirokazu Takagi  
(Signature of Inventor) Hirokazu Takagi ✓

Date: March 28, 2006

Hidekazu Okamoto  
(Signature of Inventor) Hidekazu Okamoto ✓

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314