Atty Docket No.:

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S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Trademark Office. Ple	ease record the attached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Hideo TAKATSUJI Akihiko ARITOMI Masao GOTO Keiji FUJIKAWA Tatsuya YAMASAKI	Name: Asahi Glass Company, Limited Address: 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405, Japan
Additional name(s) of conveying party(ies) attached? Yes No	70/
3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: June 9, 9, 15, 15, and 10, 2004	Additional name(s) and address(es) attached? ☐ Yes ■ No
4. Application number(s) or patent number(s):	<u> </u>
☐ This document is being filed together with a new application	
A. Patent Application No.(s) 10/874,346	B. Patent No.(s)
Additional numbers attache	d? □ Yes ■ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1
Customer Number 22850 Tel. (703) 413-3000 Fax (703) 413-2220	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)
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9. Statement and signature To the best of my knowledge and belief, the foregoing information copy of the original document. C. Irvin McClelland Name of Person Signing Registration Number: 21,124 Joseph Scafe Registration No. Total number of pages including	Lette Jr. Oct. 18, 2004 Date Date Date Date
Do not detach the Mail documents to be recorded with required cover sheet information Director of the United States Pate Mail Stop Assignment Re- Mail Stop Assignment Re- Alexandria, Virgi C:8021 40.00 0P	to: ent and Trademark Office cordation Services

PATENT REEL: 015893 FRAME: 0015

Assignment of Application

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WHEREAS, I (WE)	1) Hideo Takatsuji, 2) Akihiko Aritomi, 3) Masao Goto, 4) Keiji Fujikawa and	
	5) Tatsuya Yamasaki	
	1) and 3) to 5) of: c/o Asahi Glass Company, Limited	
	1, Aza-asahi, Taketoyo-cho, Chita-gun, Aichi, Japan	
	2) of: c/o Asahi Glass Company, Limited	
	1-1, Suehiro-cho, Tsurumi-ku, Yokohama-shi, Kanagawa, Japan	
		
	, respecti	ively.
have invented certain r	ew and useful improvements in:	•
	MFERING A PLATE-LIKE MEMBER	
		
	n for Letters Patent was executed on June 9, 15 and 10, 2004	
(Application No1	0/874,436 , filed <u>June 24, 2004</u>), and
WHEREAS, As	ahi Glass Company, Limited	
(hereinafter referred to	as "ASSIGNEE") having a place of business at:	
12-1, Yurakucho 1-ch	ome, 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 Pater re in the United States and its territorial possessions and in any and all foreign countries;	it that
	RE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is h other good and valuable consideration, I (WE), by these presents do sell, assign and tra	

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.

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.

03/03

PATENT REEL: 015893 FRAME: 0016

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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: _	2024/8/9	馬立秀框
Date: _	2004/6/9	(Signature of Inventor) Hideo Takatsuji (Signature of Inventor) Akihiko Aritomi
Date: _	2004/6/15	後養維進
Date: _	2004/6/15	(Signature of Inventor) Masao Goto
Date: _	2004/6/10	(Signature of Inventor) Keiji Fujikawa A だ
Date: _		(Signature of Inventor) Tatsuya Yamasaki (Signature of Inventor)
Date: _		(Signature of Inventor)
Date: _		
		(Signature of Inventor)

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

03/03

RECORDED: 10/18/2004

PATENT REEL: 015893 FRAME: 0017