Atty Docket No.: 273914USOCIPSEP 1 9, 2005



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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Tradema... June. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Takashi OKAZOE; Kunio WATANABE; Masahiro ITO; Eisuke Name: Asahi Glass Company, Limited MUROTANI; Kazuya OHARU; Shu-zhong WANG; Taiki Address: 12-1, Yurakucho 1-chome, Chiyoda-ku, TOKYO HOSHINO and Kimiaki KASHIWAGI 100-8405 JAPAN Additional name(s) of conveying party(ies) attached? \(\simega\) Yes \(\boxed{\omega}\) No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: August 3, 2005; August 3, 2005; August 8, 2005; August 8, 2005; August 15, 2005; August 19, Additional name(s) and address(es) attached? 

Yes No 2005; August 19, 2005; August 22, 2005 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) 11/153,438 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (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 Signature Registration Number: 27,013 Total number of pages including this cover sheet: 3 09/13/2005 MBEYENE2 00000204 11153438 01 FC:8021 40.00 OP 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 273914US0CIP

## **Assignment of Application**

AB-685-US-I (F2003-148 CIP)

NSERT NAMES	WHEREAS, I (W	E) Takashi OKAZOE, Kunio WAT	ANABE, Masahiro ITO, Eisuke MURO	OTANI, Kazuya OHARU,	
IND RESIDENCE LODRESS OF HE INVENTORS:		Shu-zhong WANG, Taiki HOSI	INO and Kimiaki KASHIWAGI - All	of:	
		c/o Asahi Glass Company, Lim	ted		
		1150, Hazawa-cho, Kanagawa-k	u, Yokohama-shi, Kanagawa, Japan		
			***************************************		
		7-1-10		, respectively,	
ISERT TITLE OF AVENTION:	have invented certain new and useful improvements in: <u>FLUORINATED ADAMANTANE AND ITS DERIVATIVES</u>				
	(Application No.	11/153,438	, filed June 16, 2005	), and	
	WHEREAS,	Asahi Glass Company Limited			

Asahi Glass Company, Limited

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEES") having places of business at: 12-1, Yurakucho 1-chome, Chiyoda-ku, TOKYO 100-8405 JAPAN, respectively are desirous of jointly acquiring interests in 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 ASSIGNEES, 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 ASSIGNEES as the assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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: August 3, 2005	(Signature of Inventor) Takashi OKAZOE
Date: August 3, 2005	(Signature of Inventor) Kunio WATANABE
Date: , August 8, 2005	Masaliro ITO  (Signature of Inventor) Masaliro ITO
Date: August 8, 2005	(Signature of Inventor) Eisuke MUROTANI
Date: August 15. 2005	(Signatury of Jiventor) Kazuya OHARU
Date: 19	Shuyhong Wang (Signature of Inventor) Shu-zhong WANG
Date: v Angust 19, 2005	Taihi Joshing (Signature of Inventor) Taiki HOSHINO
Date: August 22, 2005	Kimiaki Kashiwagi (Signature of Inventor) Kimiaki KASHIWAGI

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

RECORDED: 09/12/2005