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Additional name(s) of conveying party(ies) attached? □Yes ■No	Address: 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 Japan
3. Nature of Conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name ■ Other: Corrected Recordation Form Cover Sheet Reel/Frame 010759/0100, Bar Code Number *101349273A*, to correct the 4th Assignor's name, Assignee's name and Filing Date. Execution Date: October 29, 1997	Additional name(s) and address(es) attached? □Yes ■No
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 4-21-00 1. Name of conveying party(ies): Name and address of receiving party(ies): Yoshio KATSURO, Takanobu KATSUKI, Name: Mitsubishi Chemical Corporation Akihiro TAKAZAWA, Hanko KATO and Akira UTSUNOMIYA Address: 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 JAPAN Additional name(s) of conveying party(ies) attached? □ Yes 🖾 No Additional name(s) & address(es) attached? Agamica P Ves ⊠ Noco 3. Nature of Conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name ☐ Other_ Execution Date: October 29, 1997 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) B. Patent No.(s) 08/952,495 Additional numbers attached? □ Yes B No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: OBLON, SPIVAK, McCLELLAND. 7. Total fee (37 CFR 3.41):....\$ 40.00 MAIER & NEUSTADT, P.C. Attorneys at Law ☑ Enclosed Fourth Floor Authorized to be charged to deposit account 1755 Jefferson Davis Highway Arlington, Virginia 22202 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit DC 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 Registration No. Joseph A. Scafetta, Jr. Total number is negrit including 26 9 650 et: 3 OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information to: 05/08/2000 DNGUYEN 00000345 08952495 Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

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PATENT REEL: 011008 FRAME: 0101

HC-605-1111

Assignment Of Application

Page 1 of 2

		E) 1) Yoshio Katsuro, 2) Takanobu Katsuki, Eazawa, 4) Hanako Kato and 5) Akira Utsunom
J) AKIIII	LIO TAN	azawa, 4) Hanako Kato and 5) Akira Utsunom
1),2),4)	&5) of	c/o Mitsubishi Chemical Corporation
		Kurosaki Development Center
		1-1 Kurosaki Shiroishi, Yahata Nishi-ku,
		Kitakyushu-shi, Fukuoka-ken, 806 Japan and
	3) of	Mitsubishi Chemical Corporation
		Kurosaki Plant
		1-1 Kurosaki Shiroishi, Yahata Nishi-ku,
		Kitakyushu-shi, Fukuoka-ken, 806 Japan
		, respectively
AND SHAPE	D PRODI	ew and useful improvements in: SYNTHETIC QUARTZ GLASS UCT OF QUARTZ GLASS, AND HIGH PURITY NE AND METHOD FOR ITS PRODUCTION
for which an ap	plication	for Letters Patent was executed on October 29, 1997
/ A 11 .1 NT	o. <u>08/95</u>	2,495 , filed <u>April 20, 1998</u>), an
(Application N		Mitaubiahi Chaminal Cassassi
WHEREA	AS,	Mitsubishi Chemical Corporation
WHEREA	,	"ASSIGNEE") having a place of business at:

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.

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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, Majer & 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:_	Oct. 29. 1997	(Signature of Inventory Yoshio Katsuro
Date:_	Oct. 29. 1997	Takarolu Katsuki
Date:_	Oct. 29, 1997	(Signature of Inventor) Takanobu Katsuki Akihim Jakazawa (Signature of Inventor) Akihiro Takazawa
Date:_	Oct. 29, 1997	Hanako Kato
Date:_	Oct. 29, 1997	(Signature of Inventor) Hanako Kato Akira Utsunomiya (Signature of Inventor) Akira Utsunomiya
Date:_		
Date:		(Signature of Inventor)
_		(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

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PATENT REEL: 011008 FRAME: 0103

RECORDED: 08/02/2000