Atty Docket No.:

217752US0/sb

FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCIA Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Atsushi WATAKABE, Takeshi ERIGUCHI, Toshihiro, TANUMA Asahi Glass Company, Limited Name: and Yasuhiro KUNISA 12-1, Yurakucho 1-chome Address: Chivoda-ku, TOKYO 100-8405 JAPAN Additional name(s) of convey 3. Nature of Conveyance: ☐ Change of Name ☐ Security Agreement ☐ Other Additional name(s) and address(es) attached? ☐Yes ☒No Execution Date: December 6, 6, 5 and 5, 2001 4. Application number(s) or patent number(s): December 6, 6, 5 and If this document is being filed together with a new application, the execution date of the application is: 5, 2001 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? □Yes ⊠No 5. Name and address of party to whom correspondence Total applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 ⊠ Enclosed ☐ Authorized to be charged to deposit account 15-0030 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account) 22850 DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true 9. Statement and signature copy of the original document. Norman F. Oblon C. Irvin McClelland Name of Person Signing Registration Number 21,124 24,618 Registration Number: Total number of pages including this cover sheet: Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks **Box Assignments** Washington, D.C. 20231

> **PATENT** REEL: 012412 FRAME: 0270

Assignment Of Application

Page 1 of 2

	WHEREAS, I (WE) Atsushi Watakabe, Takeshi Eriguchi,
	Toshihiro Tanuma and Yasuhiro Kunisa
ERT-NAMES D RESIDENCE DRESSES OF E INVENTORS:	
	all of: c/o Asahi Glass Company, Limited
	1150, Hazawa-cho, Kanagawa-ku,
	Yokohama-shi, Kanagawa, Japan
	, respectively,
SERT TITLE INVENTION: SERT DATE IN- NTORS SIGNED CLARATION:	have invented certain new and useful improvements in: SOLID POLYMER ELECTROLYTI
	MATERIAL, LIQUID COMPOSITION, SOLID POLYMER FUEL CELL AND
	FLUOROPOLYMER, for which an application for Letters Patent was executed on December 5 and 6, 2001
	(Application No, filed), and
SERT NAME ID ADDRESS OF OMPANY OR "HER ASSIGNEE:	WHEREAS. Asahi Glass Company, Limited
	(hereinafter referred to as "ASSIGNEE") having a place of business at:
	Chivoda-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;
	THEREFORE in consideration of the sum of FIVE DOLLARS (\$5.00), the

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 exclusive right 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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PATENT REEL: 012412 FRAME: 0271 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.

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.

EXECUTED AT JAPAN			
Date:_	b/becember/2001	Utuishi Waterkale	
		(Signature of Inventor) Atsushi Watakabe	
Date:_	December 6, 200/	Jokeshi Eriguchi (Signature of Inventor) Takeshi Eriguchi	
		(Signature of Inventor) Takeshi Eriguchi	
Date:_	December 5, 2001	Joshihiro Vanua	
		(Signature of Inventor) Toshihiro Tanuma	
Date:	5/ December /2001	(Signature of Inventor) Vacuabina Kunica	
	,	(Signature of Inventor) Yasuhiro Kunisa	
Date			
Date		(Signature of Inventor)	
Date:_		(Signature of Inventor)	
		(Signature of Inventor)	
Data			
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

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PATENT REEL: 012412 FRAME: 0272