		- 11-04-	· · · · · · · · · · · · · · · · · · ·		Docket No.: 50347	
	FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar	· ····································			J.S. DEPARTMENT OF COMM. Patent and Trademark C	
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	To the Honorable Commissioner of Pa			the attached original	· · ·	
	1. Name of conveying party(ies): Kenta Takahashi Akira Awaji	2. Name and address of receiving party(ies): Name: Shipley Company, L.L.C.				
	Additional names(s) of conveying party(ies)	🗋 Yes 🖾 No				
	3. Nature of conveyance:		<u> </u>			
	X Assignment	Merger				
	Security Agreement	Change of Name	City: Marlborough State/Prov.: MA			
2	Other		Country:	U.S.A.	ZIP: 01752	
012011D	Execution Date:August 17, 1998		Additional nam	ne(s) & address(es)	🗆 Yes 🗴 No	
(MALANI	Patent Application No. Filing date 09/181236		B. Patent No.(s)			
			🗋 Yes 🕱 No			
	5. Name and address of party to whom correspondence concerning document should be mailed: Name: Robert L. Goldberg Registration No. 22456 Address: P.O. Box 556 1.1990 DEPENDER GLOCOLD 09181000 City: Marlborough State/Prov.: MA Country: U.S.A.		6. Total number of applications and patents involved:			
			 7. Total fee (37 CFR 3.41):\$ 40.00 Inclosed - Any excess or insufficiency should be credited or debited to deposit account 			
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\backslash			Author	rized to be charged t	o deposit account	
Ň			8. Deposit account number: 04-1105			
	Country: U.S.A. ZI					
	DO NOT USE THIS SPACE					
	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. Robert L. Golberg October 27, 1998 Name of Person Signing Date					
		I number of pages including c	-	iments, and		

REEL: 9549 FRAME: 0635

Docket No. 50347

ASSIGNMENT

We, Kenta Takahashi of Niigata, Japan and Akira Awaji of Niigata, Japan, for good and valuable consideration from Shipley Company, L.L.C., a Limited Liability Company of Delaware, having its principal place of business in Marlborough, Massachusetts, hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the United States, attached hereto and executed by us on the dates indicated below for Improvements in "PHOTOSENSITIVE GLASS PASTE" and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration we agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

IN WITNESS WHEREOF,

I, Kenta Takahashi, hereunto set my hand and seal this $\frac{15}{2}$ day of $\frac{A_{vg}}{2}$, 1998, and I, Akira Awaji, hereunto set my hand and seal this $\frac{17}{2}$ day of $\frac{A_{vg}}{2}$, 1998.

<u>k. Takahashi</u> Kenta Takahashi <u>Adata Maji</u>

RECORDED: 10/28/1998