FORM PTO-1595 (Modified)	Docket No.: 50849
(Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar POSA/REV02 Tab settings Aug 27 2001	Patent and Trademark Office
To the Honorable Compissioner 101830s 1. Name of conveying party(les): Mitsubishi Chemical Corporation	2. Name and address of receiving party(ies): Name: Shipley Company, L.L.C.
Additional names(s) of conveying party(ies) Yes X No	Address: 455 Forest Street
3. Nature of conveyance: Assignment	
☐ Security Agreement ☐ Change of Name ☐ Other ☐ Execution Date: December 21, 2000	City: Marlborough State/Prov.: MA Country: U.S.A. ZIP: 01752
 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application Patent Application No. Filing date 07/919,941 July 27, 1992 	Additional name(s) & address(es) Pes Ko No the execution date of the application is: B. Patent No.(s) 5,292,614
Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed:	☐ Yes ☑ No 6. Total number of applications and patents involved: 1
Name: Peter F. Corless Registration No. 33,860 Address: EDWARDS & ANGELL, LLP	7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
Dike, Bronstein, Roberts & Cushman, IP Group P.O. Box 9169 City: Boston State/Prov.: MA	Authorized to be charged to deposit account 8. Deposit account number: 04–1105
DO NOT USE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document. Peter F. Corless Name of Person Signing Total number of pages including	Signature 3 Date & E

REEL: 012110 FRAME: 0176

ASSIGNMENT

WHEREAS, Mitsubishi Chemical Corporation, a Japanese corporation having a principal place of business at 5-2 Marunouchi 2-Chome, Chiyuda-ku, Tokyo, 100-0005, Japan, (hereinafter referred to as Assignor), represents and warrants that it is the sole owner of the entire right, title and interest to certain new and useful improvements in "NEGATIVE PHOTOSENSTIVE COMPOSITION AND METHOD FOR FORMING A RESIST PATTERN", for which an application for United States Letters Patent with the same title was filed with the United States Patent and Trademark Office receiving Serial No. 07/919,941, and a filing date of July 27, 1992; and claims priority of JP 3-194445 August 2, 1991, and has been recorded by the Assignment Branch of the U.S. Patent and Trademark Office at Reel 6195 and Frame 0893; and

WHEREAS, Shipley Company, L.L.C., located at 455 Forest Street, Marlborough, Massachusetts 01752, (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the same invention, and in and to the said application, and any Letters Patent that may issue thereon;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for the above consideration, the Assignor has assigned and transferred, and does hereby assign and transfer to the Assignee, its successors and assigns, its entire right, title and interest for the United States in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as its interest is concerned, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

The Assignor also has assigned and transferred, and does hereby assign and transfer to the Assignee, its successors and assigns, its entire right, title and interest in and to the invention disclosed in said application, in all countries of the world foreign to the United States, including the right to file applications and obtain patents for said invention in its own name in said countries and including all rights of priority in said countries under the terms of any applicable international convention; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

PATENT REEL: 012110 FRAME: 0177 The Assignor further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agree, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce patent protection for said invention in all countries.

The Assignor also hereby grants the law firm of EDWARDS & ANGELL, LLP, Dike, Bronstein, Roberts & Cushman, IP Group, the power to insert on this Assignment any further identification 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 documents.

IN WITNESS WHEREOF, the Assignor has caused this Assignment to be executed.

Dated this 2/ day of December, 2000.

Dated this 2/ day of December, 2000.

Isamu Sojyo
General Manager
Intellectual Property Department

WITNESS:

RECORDED: 08/27/2001

PATENT REEL: 012110 FRAME: 0178