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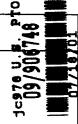
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. DEPARTMENT OF COMMERCE

Patent and Trademark Office Docket No. 350292000900



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1. Name of conveying party(ies): 1. Toshiyuki YAMAUCHI 2. Masuo OMICHI 3. Eisuke KANAGAWA 4. Tomohiro TANINO 5. Yoshikatsu OSAMURA Individual(s)	2. Name and address of receiving party(ies): JOHOKU CHEMICAL CO., LTD. 1-6-12, Kayabacho, Nihombashi, Chuo-ku Tokyo 103-0025, Japan Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the exact A. Patent Application No.(s) Additional numbers attached? □ Yes 图 No	
5. Name and address of party to whom correspondence concerning document should be mailed: Barry E. Bretschneider Morrison & Foerster LLP 2000 Pennsylvania Avenue, N.W. Washington, D.C. 20006-1888	6. Total number of applications and patents involved: 1 7. Total fee (37 C.F.R. § 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account, referencing Attorney Docket 350292000900
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be	8. Deposit account number: 03-1952
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is document. Name: Barry E. Bretschneider Registration No: 28,055	strue and correct and any attached copy is a true copy of the original July 18, 2001 Date
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PATENT REEL: 012034 FRAME: 0923

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert	JOHOKU CHEMICAL CO.,	LTD.	
ASSIGNEE's Name(s) Address(es))	1-6-12, KAYABACHO, NIHOMBASHI, CHUO-KU, TOKYO 103-0025, JAPAN		
(Title of	transfers to ASSIGNEE the entire and	exclusive right, title and interest to th	
Invention)	FROCESS FOR PRODUC	FION OF CARBOXYLIC ACL	ARYL FSTERS
	relating to International Patent Application of the United States was executed on e	ation PCT/JP/ ven date herewith or, if not so execute	and/or for which application for Letters Pad, was:
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f application, not oncurrent)	(b) filed on/	data, when known.	by authorized to insert in (b) the specified
	renewal, substitute, reissue or reexamin	ation application based thereon, for th	on said application and any continuation, divis the full term or terms for which the said Letters bereinafter, "said application(s) and Letters
	ASSIGNEE, to do all acts which the A enforcing protection for said invention, said Letters Patent(s), in any interferer proceeding which may arise or be decla	SSIGNEE may deem necessary, desira including in the preparation and prostice, reissue, reexamination, or public urred in relation to same, such acts to in	without charge to but at the expense of said ble or expedient, for securing, maintaining and secution of said application(s) and the issuance se proceeding, and in any litigation or other leg clude but not be limited to executing all paper riding sworn testimony, and obtaining and
	IN WIFNESS WHEREOF, t	he undersigned inventor(s) has (have)	affixed his/her/their signature(s).
(Signatures)	1) Toshi yuki Yamauchi (SIGNATURE)	Toshiyuki Yamauchi (TYPE NAME)	July 11, 2001 (DATE)
	(SIGNATURE)	Masuo Omichi (TYPE NAME)	July 11, 2001 (DATE)
	3) Eisube Kanagaway (SIGNATURE)	Eisuke Kanagawa (TYPE NAME)	July 11, 2001 (DATE)
	1 Tomohiro Tanino (SIGNATURE)	Tomohiro Tanino	July 11, 2001 (DATE)
	5 Toshikatsu Osamura (SIGNATURE)	Yoshikatsu Osamura (TYPE NAME)	July 11, 2001 (DATE)
	6)(SIGNATURE)	(TYPE NAME)	(DATE)
	7)(SIGNATURE)	(TYPE NAME)	(DATE)
	a)		

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