05-08-2001



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**U.S. Department of Commerce** 

FORM PTO-1619A Expires 06/30/99 OMB 0651-0027		<u></u>			U.S. Department of Commerce Patent and Trademark Office PATENT
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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

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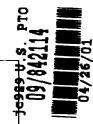
**PATENT** REEL: 011760 FRAME: 0340

FORM PTO-1619 Expires 06/30/99 OMB 0651-0027	РΒ	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent	Name and Addres	SS Area Code and Telephone Number	(703) 243-6333
Name	Millen, White, Zela	no & Branigan, P.C.	
Address (line 1)	2200 Clarendon B	oulevard	
Address (line 2)	Suite 1400		
Address (line 3)	Arlington, VA 2220	01	
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## RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT



Name (line 1)   Yuji HARADA	Conveying Party	(ies)	☐ Mark if	additional names of co	nveying pa			
Name (line 1) Yuji HARADA    D4	Enter additional Con	veying Parties						
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PATENT REEL: 011760 FRAME: 0342

## ASSIGNMENT

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

Polymer, Chemically Amplified Resist Composition and Patterning Process

×	for which an applic	ation for Letters Patent to be filed in the United States Pater	nt and Trademark Office	was executed on
	for which U.S. App	ark Office on		
		ational Application was filed on	PCT/	,
	AND WHEREAS	Shin-Etsu Chemical Co., Ltd. of 6-1, Otemachi, 2-chome, Chiyoda-ku,	Tokyo, Japan	

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged. ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. 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 document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Jun HATAKEYAMA	Tun Halakisjama -	April 6, 2001
JUIT HATARETAINS	INVENTOR'S SIGNATURE	DATE
202 FULL NAME OF SECOND JOINT INVENTOR, IF ANY	Jun vitanabe	April 6, 2001
Jun WATANABE	INVENTOR'S SIGNATURE	DATE
203 FULL NAME OF THIRD JOINT INVENTOR, IF ANY		April 6, 2001
Yuji HARADA	Juje Harada	DATE
204 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	32
		DATE
205 FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
200 1 022 13 302 0		
206 FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
206 FULL NAME OF SIXTH SOUTH INTERPOLATION		
TOTAL STATE OF A STATE	INVENTOR'S SIGNATURE	DATE
207 FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY		
	INVENTOR'S SIGNATURE	DATE
208 FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	11445141 011 0 01011111 0115	1
	TO TO SIGNATURE	DATE
209 FULL NAME OF NINTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	J
		DATE
210 FULL NAME OF TENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
210 1 000 1000 200 2		
211 FULL NAME OF ELEVENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
211 FULL NAME OF ELEVENTH JOINT INVESTIGATION, IN THE		
THE THE STATE OF THE ANY	INVENTOR'S SIGNATURE	DATE
212 FULL NAME OF TWELFTH JOINT INVENTOR, IF ANY		

MWZ 16a

PATENT REEL: 011760 FRAME: 0343

**RECORDED: 04/26/2001**