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FORM PTO-1619A Expires 06/30/99 OMB 0651-0027		03-19-2002	2 ' '	USe Department Con Commerce a Batentia find Grade in Sific Office
S.N.E. 5051-5027				PATENT
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TO: The Commissi		ks: Please record the attached	original uocum	ent(s) or copy(ies).
New	ype	Conveyance Type X Assignment	Security A	Agreement
Resubmissio	on (Non-Recordation)	License	☐ Change o	· 0.4
Correction of		☐ Merger	Other	
Reel#	Frame		U.S. Govern	nment
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Reel#	Frame #	<u> </u>	nental File	Secret File
Conveying Pa		N		
Conveying Fa	ity(ies)	Mark if additional name	s of conveying	parties attached Execution Date
Name (line 1)	Yoichi			Month Day Year
	, order			2 13 02
Name (line 2)	TONOMURA			
Second Party				Execution Date
Name (line 1)	Tohru			Month Day Year 2 13 02
	,	1 - 2		13 02
Name (line 2)	KUBOTA			10/087822
Receiving Party		☐ Mark if addition	onal names of r	receiving parties attached
Name (line 1)	SHIN-ETSU CHEMICAL	CO., LTD.		If document to be recorded
Name (line 2)				is an assignment and the receiving party is not domiciled in the United State
Address (line 1)	6-1, Otemachi, 2-chome			an appointment of a domesti representative is attached. (Designation must be a
Address (line 2)	Chiyoda-ku			separate document from Assignment.)
Address (line 3)	Tokyo	Japan		
1 (TORYO			
<u> </u>	City	State/Country		Zip Code
<u> </u>			e first Receiving	
<u> </u>	City	Address Enter for the	e first Receiving	
Domestic Rep	City resentative Name and A	Address Enter for the	e first Receiving	
Domestic Rep	City resentative Name and A Millen, White, Zelano & Braniga	Address Enter for the	e first Receiving	
Domestic Repo	City resentative Name and A Millen, White, Zelano & Braniga 2200 Clarendon Boulevard	Address Enter for the	e first Receiving	
Name Address (line 1) Address (line 2)	City resentative Name and A Millen, White, Zelano & Braniga 2200 Clarendon Boulevard Suite 1400	Address Enter for the	e first Receiving	
Name Address (line 1) Address (line 2) Address (line 3)	City resentative Name and A Millen, White, Zelano & Braniga 2200 Clarendon Boulevard Suite 1400	Address Enter for the		
Name Address (line 1) Address (line 2) Address (line 3)	City resentative Name and A Millen, White, Zelano & Braniga 2200 Clarendon Boulevard Suite 1400	Address Enter for the		
Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) Public burden reporting time for reviewing the U.S. Patent and Trade Management and Budy 0651-0027, Patent and	City resentative Name and A Millen, White, Zelano & Braniga 2200 Clarendon Boulevard Suite 1400 Arlington, VA 22201 g for this collection of information is document and gathering the data n mark Office, Chief Information Officed, Paperwork Reduction Project (Address Enter for the	ely 30 minutes per t. Send comment o the Office of Info	Cover Sheet to be recorded, includes regarding this burden estimate to compation and Regulatory Affeirs, Officermation Collection Budget Package
Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) Public burden reporting time for reviewing the U.S. Patent and Trade Management and Budg 0651-0027, Patent and ADDRESS.	City resentative Name and A Millen, White, Zelano & Branigal 2200 Clarendon Boulevard Suite 1400 Arlington, VA 22201 g for this collection of information is document and gathering the data nomark Office, Chief Information Office, Paperwork Reduction Project (d) Trademark Assignment Practice. Mail documents to be a	FOR OFFICE USE ONLY s estimated to average approximate leeded to complete the Cover Sheet cor, Washington, D.C. 2031 and to (0651-0027), Washington, D.C. 205 DO NOT SEND REQUESTS TO Rigrecorded with required cover	oly 30 minutes per t. Send comment to the Office of Info i03, See OMB Info ECORD ASSIGN	Cover Sheet to be recorded, inclusive segarding this burden estimate to primation and Regulatory Affairs, Offormation Collection Budget Package MENT DOCUMENTS TO THIS
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PATENT REEL: 012679 FRAME: 0720

FORM PTO-1619 Expires 06/30/99 OMB 0651-0027	B Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Correspondent	Name and Address Area Code and Telephone Number	(703) 243-6333		
Name	Millen, White, Zelano & Branigan, P.C.			
Address (line 1)	2200 Clarendon Boulevard			
Address (line 2)	Suite 1400			
Address (line 3)	Arlington, VA 22201			
Address (line 4)				
Pages	Pages Enter the total number of pages of the attached conveyance document including any attachments # 4			
• •		onal numbers attached.		
	he Patent Application Number or the Patent Number (DO NOT ENTER BOTH Application Number(s)	tent Number(s)		
ratem	Application Number(s)	Territ Mulliber(3)		
If this document is being signed by the first name	rfiled together with a <u>new</u> Patent Application, enter the date the patent applic d executing inventor.	ation was Month Day Year		
Patent Coopera	tion Treaty (PCT)	And the state of t		
	T application number PCT PCT	PCT		
	U.S. Application has not been PCT	PCT		
assigned	DOT I VOI	F01		
Number of Properties Enter the total number of properties involved. # 1				
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00				
Method of i	-			
Deposit Acc	count nent by deposit account or if additional fees can be charged to the account.)			
,	Deposit Account Number: # 13-3402			
	Authorization to charge additional fees:	Yes No		
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. Charges to deposit account are authorized, as indicated herein.				
June Comer	June Comer	March 5, 2002		
Name of Perso	//	Date		
	Annual Control of the			

PATENT REEL: 012679 FRAME: 0721 FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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

Conveying Party		Mark if additional names of c	conveying parties attached Execution Date
Enter additional Con	veying Parties		Month Day Year
Name (line 1)	Yasufumi		2 13 02 5
Name (line 2)	KUBOTA		Execution Date
Name (line 1)			Month Day Year
Name (line 2)			Execution Date
Name (line 1)			Month Day Year
Name (line 2)			
Receiving Party(ie	•	Mark if additional r	names of receiving parties attached
Enter additional Rec	eiving Party(ies)		
Name (line 1)			if document to be recorded
Name (line 2)			is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic
Address (line 1)			representative is attached. (Designation must be a separate document from
Address (line 2)			Assignment.)
Address (line 3)			
	City	State/Country	Zip Code
Name (line 1)			If document to be recorded is an assignment and the receiving party is not
Name (line 2)			domiciled in the United States, an appointment of a domestic
Address (line 1)			representative is attached. (Designation must be a separate document from
Address (line 2)			Assignment.)
Address (line 3)	City	State/Country	Zip Code
	nber(s) or Patent Numb	er(s)	ditional numbers attached
Enter either the	Patent Application Number or the F	Patent Number (DO NOT ENTER BOT	l l
Patent :	Application Number(s)		Patent Number(s)
1			l

REEL: 012679 FRAME: 0722

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

Silyl (Meth)acrylates Having Bulky Substituent Group and Preparation Thereof

for which an application for Letters Patent to be filed in the United States Patent a	and Trademark Offi	ce was execu	ited on
even date. for which U.S. Application Serial No	for Letters Patent v	was filed in th	ne U.S.
Patent and Trademark Office on for which an International Application was filed on designating the United States.	PCT/	/	,
AND WHEREAS Shin-Etsu Chemical Co., Ltd. of 6-1, Otemachi, 2-chome, Chiyoda-ku, Tok	kyo, 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.

	The second secon	INVENTOR'S SIGNATURE	DATE
201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	, , , , , , , , , , , , , , , , , , , ,	
	Yoichi TONOMURA	Tonomina Yorchi	13. Feb. 2002
202	FULL NAME OF SECOND JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
	Tohru KUBOTA	John Mitela	13 Feb 2002
203	FULL NAME OF THIRD JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
	Yasufumi KUBOTA	Josephine Kulyla	13 Feb. 2002
204	FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
205	FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
206	FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
200	TOLE WILL OF BIRMY BOWN IN LIVE AND		
	FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
207	FULL NAME OF SEVENTA JOINT INVENTOR, IF ANT	INVERTIONS SIGNATURE	
208	FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
209	FULL NAME OF NINTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
210	FULL NAME OF TENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
1			
211	FULL NAME OF ELEVENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
' '	TOLE WHILE OF LEETENING ON THE CONTROL OF THE		
1	CHARLE OF THE FTH IONE WENT OF IT ANY	INVENTOR'S SIGNATURE	DATE
212	FULL NAME OF TWELFTH JOINT INVENTOR, IF ANY	INVERTIONS SIGNATIONS	3312
1			

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PATENT RECORDED: 03/05/2002 REEL: 012679 FRAME: 0723