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Takeshi KINSHO (06/12/2007) Takeru WATANABE (06/12/2007)	Internal Address:		
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A. Patent Application No.(s) 11/822,441 Additional numbers attached	B. Patent No.(s) Yes X No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
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IRCH, STEWART, KOLASCH & BIRCH, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
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Email Address: mailroom@bskb.com	Authorized User Name Gerald M. Murphy, Jr.		
9. Signature/ Signature/	Date		
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U.S. PTO 11/822441 07/05/2007

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1. Name of co	onveying party(les):	2. Name and address of receiving party(les)			
	SHI (07/12/2007), Takeshi KINSH(n			
(07/12/2007), and Takeru WATANABE	Name: Shin-Etsu Chemical Co., Ltd.			
	of conveying party(les) attached? Yes X	Internal Address:			
<u> </u>		Street Address:			
J. Nature of Co	nveyance/Execution Date(s):	6-1, Otemachi 2-chome, Chiyoda-ku,			
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A. Patent Applic	•	B. Patent No.(s)			
, N	EW	11822441			
1		110000			
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BIRC	CH, STEWART, KOLAŠCH & BIRC				
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9. Signature:	// /,				
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1-11	Signature	Date			
	Gerald M. Murphy, Jr 28,977	Total number of pages including cover 3			
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ATTORNEY DOCKET NO. 0171-1371PUS1

ASSIGNMENT

		Application No	July 5, 2007
Insert Name(s)		WHEREAS Masaki OHASHI, Takeshi KINSHO and Tak	eru WATANABE of
of Inventor(s)		Joetsu-shi, Niigata-ken, Japan, Joetsu-shi, Niig	ata-ken, Japan and
•		Joetsu-shi, Niigata-ken, Japan	
		•	
			· ·
Insert Title		(hereinafter designated as the undersigned) has (have) invented certain new and	suseful improvements in
of Invention	=	Ester Compounds and Their Preparation, Polymers,	Resist Compositions
		and Patterning Process	·
Insert Date of Signing of Application Insert Name of Assignee	. (for which an application for Letters Patent of the United States of America has be except in the case of a provisional application). On	een executed by the undersigned
or resignee	-		
	_		
Insert Address of Assignee	M	of 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, Japan	n ·
	 i(s heirs, successors, legal representatives and assigns (hereinafter designated :	se the Assigned is desirous of
CHECK BOX FAPPROPRIATE	a m	equiring the entire right, title and interest in and to said invention and in and pay be granted therefor in the United States of America and] in any and all foreign countries.	d to any Letters Patent(s) that
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and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or REEL: 019700 FRAME: 0143

Attorney Docket No. 0171-1371PUS1

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

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The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	June 12, 2007	Name of Inventor	Masahi Ohashi	
Date	June 12, 2007	Name of Inventor	(signature)	Masaki OHASHI
	,		(signature)	Takeshi KINSHO
Date .	June 12, 2007	Name of Inventor	Jakery Waterabe	
	,	·	(signature)	Takeru WATANABE
Date .		Name of Inventor		
			(signature)	
Date .	 ,	Name of Inventor	(signature)	
Date	_	Name of Inventor	· •	
		i mine de myemen	(signature)	

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DATE: AUG 1 5 2007

PTO IDENTIFIER: Application Number 11/822,441-Conf. #5644

Patent Number

Inventor: Masaki OHASHI et al.

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Docket No.: 0171-1371PUS1

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Masaki OHASHI et al.

Application No.: 11/822,441 Confirmation No.: 5644

Filed: July 5, 2007 Art Unit: Not Yet Assigned

For: ESTER COMPOUNDS AND THEIR

PREPARATION, POLYMERS, RESIST COMPOSITIONS AND PATTERNING

PROCESS

Examiner: Not Yet Assigned

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- 3. Assignment.

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Cover Sheet have been corrected to accurately reflect the filing date and the execution dates.

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Application No.: 11/822,441 Docket No.: 0171-1371PUS1

BIRCH, STEWART, KOLASCH & BIRCH, LLP P. O. Box 747 Falls Church, Virginia 22040-0747

The recording fee in the amount of \$40,00 was paid on July 5, 2007; therefore, no fee is necessary in connection with the present request. However, if necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 CFR § 1.16 or under § 1.17; particularly, extension of time fees.

AUG 1 5 2007 Dated:

Respectfully submitted,

Gerald M. Munphy, Jr

Registration No.: 28,977

BIRCH, STEWART, KOLASCH & BIRCH, LLP

8110 Gatehouse Road, Suite 100 East

P.O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000

Attorney for Applicant

Attachments:

New Recordation Form Cover Sheet

Assignment

2 of 2 GMM/las



6171-1371PWS1

UNITED STATES PATENT AND TRADEMARK OFFICE

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Under Secretary of Commerce for Intellectual Property and DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 23, 2007

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GERALD M. MURPHY, JR. BIRCH STEWART KOLASCH, ET AL. 8110 GATEHOUSE ROAD, SUITE 100 EAST P.O. BOX 747 FALLS CHURCH, VA 22040-0747



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