Form PTO-1595 (Rev. 03-05) OMB No. 0651-0027 (exp. 6/30/2005 03-16-2007

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103384108 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Akihiro MATSUDA (5/16/2006), Ryousuke MITSUI CHEMICALS, INC. KANESHIGE (5/9/2006), Satoshi IKEDA (5/9/2006), and Keiji OKADA (5/16/2006) Internal Address: Additional name(s) of conveying party(ies) attached? x No Street Address: 3. Nature of conveyance/Execution Date(s): 5-2, Higashi-Shimbashi 1-chome, Minato-ku Execution Date(s): in parentheses after inventor name 105-7117 JAPAN Assignment Merger Change of Name Joint Research Agreement Security Agreement Government Interest Assignment State: Executive Order 9424, Confirmatory License Zip: Country: Additional name(s) & address(es) x Yes attached: 4. Application or patent number(s): x This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes 5. Name and address to whom correspondence 6. Total number of applications and 1 concerning document should be mailed: patents involved: Name: Marc S. Weiner BIRCH, STEWART, KOLASCH & BIRCH, LLP 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Internal Address: Atty. Dkt.: 1155-0318PUS1 Authorized to be charged by credit card Street Address: 8110 Gatehouse Road Authorized to be charged to deposit account Suite 100 East P.O. Box 747 Enclosed х None required (government interest not affecting title) City: Falls Church 8. Payment Information Zip: 22040-0747 VA State: a. Credit Card Last 4 Numbers (703) 205-8000 **Expiration Date** Phone Number: (703) 205-8050 Fax Number: b. Deposit Account Number mailroom@bskb.com Authorized User Name Email Address: 9. Signature: March 8, 2007 Signature Date Marc S. Weiner - 32,181 Total number of pages including cover sheet, attachments, and documents: Name of Person Signing

The PTO did not receive the following listed item(s) \$40.00 ONCH

Birch, Stewart, Kolasch & Birch, LLP

MSW/clb

Form PTO-1595 (Continued)						
Additional C	Conveying	Party(ies)/	Execution	Date(s) (1. Continued):		
Additional A	ssignees	(2. Continu	ied):			
Assignee Name: The Lubrizol Corporation						
Internal Address: Street Address:	29400, La	keland Bouleva	ird			
City: W	/ickliffe	State:	Ohio	Country: United States of America	Zip: _	44092- 2298
Assignee Name:					-	1
Internal Address:						
Street Address:						į
City:		State:		Country:	Zip: _	
Assignee Name:						
Internal Address:						
Street Address:						
City:	- n. n.	State:		Country:	Zip: _	
Additional A	pplication	ns and/or Pa	atents (4. C	Continued):	. "	
Additional Patent / 4A. Continued:	Application Nu	umbers		Additional Patent Numbers 4B. Continued:		
		Additional nu	mbers attached	? Yes No		

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Docket No.: 1155-0318PUS1

IAP17 Rec'd PCT/PTO 08 MAR 2007

ATTORNEY DOCKET NO. 1155-0318 PUS1

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

	Application No	NEW			Filed	3/8/07	
Insert Name(s) of Inventor(s)	*	**(Given Name I	AMILY NAM	E (ALL CAPS			
	WHEREA and Keiji Ol	AS,Akihiro KADA	MATSUDA,	Ryousuke	KANESHIGE,	, Satoshi	IKEDA,
							
Insert Title of Invention	VISCOSIT	ated as the undersig Y MODIFIE ION FOR L	R FOR LU	BRICATI	NG OILS,	ADDITIVE BRICATING	GOIL
	for which an appl undersigned (excep	ication for Letters t in the case of a pro-	Patent of the U	Inited States of ation).	America has been	n executed by th	OMPOSITIONS e
Insert Date of Signing of Application	on5/16/0	06; 5/9/06	5; 5/9/0	6; 5/16/	′06		_; and
Insert Name of Assignee 1	WHEREA	S, <u>MITSUI</u>	CHEMICAL	s. INC.,			
Insert Address of Assignee 1	of 5-2, Higa	shi-Shimba	shi 1-chor	me, Minato	o-ku, Tokyo	1057117	Japan
Insert Name of Assignee 2	and, THE LU	JBRIZOL COR	PORATION,	111:00			
Insert Address of Assignee 2	United St	keland Bou ates of Ame	erica Wi	ckliffe,	Ohio 44092	-2298	
Insert Name of Assignee 3	and,						
Insert Address of Assignee 3	of						
	their heirs, success desirous of acquiring Patent(s) that may be	ng the entire right,	title and interest	t in and to said	invention and in a	ne Assignees) and and to any Letters	÷ 5
CHECK BOX IF APPROPRIATE	in any foreign co	ountries,					
	in equal undivided a	amounts unless spec	cific undivided a	mounts are listed	l below:		
OWNERSHIP	Assignee 1 (50 %	6): Assignee 2 (5	50%). Assignee	3 (%)			

INTEREST

PATENT REEL: 019049 FRAME: 0903 NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignees in the specific undivided amounts listed above, or if not listed above, in equal undivided amounts, the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

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 Assignees 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 Assignees 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.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignees and to vest all rights therein hereby conveyed to said Assignees as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignees, as Assignees of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

Date May 16, 2006.	Name of Inventor		akihira	matsuda
,		` ` '	Akihiro MATSUI)A
Date May 9, 2006.	Name of Inventor	(signature)	Rypusuke KANES	Kanestugt SHIGE
Date May 9, 2006.	Name of Inventor		Xa-coshi Satoshi IKEDA	Dheda
			1	,
Date May 16, 2006.	Name of Inventor	(signature)	Keiji OKADA	ada
		(g)	J ,	
Date	Name of Inventor	(signature)		

RECORDED: 03/08/2007

PATENT REEL: 019049 FRAME: 0904