PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Akira HASEGAWA	02/22/2010
Kenichi GOTO	02/22/2010
Toyoharu HAYASHI	02/24/2010

RECEIVING PARTY DATA

Name:	MITSUI CHEMICALS, INC.		
Street Address:	5-2, Higashi-Shimbashi 1-chome		
City:	Minato-ku, Tokyo		
State/Country:	JAPAN		
Postal Code:	105-7117		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12746963

CORRESPONDENCE DATA

(703)836-7419 Fax Number:

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Email: albina.torres-price@bipc.com Correspondent Name: Buchanan Ingersoll & Rooney PC

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Alexandria, VIRGINIA 22313-1404 Address Line 4:

ATTORNEY DOCKET NUMBER: 1034232-000155

NAME OF SUBMITTER: Robert G. Mukai

Total Attachments: 2

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REEL: 024507 FRAME: 0309

ASSIGNMENT

(JOINT)

Kenichi	THIS A	SSIC	SNMEI	NT, by <u>Aki</u> Chiha-shi	tira HASEGAW. , Chiba, Japan;	A residing at	: Chiba-shi, Ch	niba, Jar	<u>an;</u> at Yokob	ama.
<u>shi, Kar</u>	nagawa, after ref	Japa errec	<u>an</u> I to as	"the Assig	gnors"), respect	ively, witnes	seth:			ama-
					RANSPARENT					ESIX
					TION, AND					
			_ set	forth in an	application for	Letters Pate	nt of the Unite	ed States	s, which i	is a
	(1)		provi	sional appl	lication					
		(a)		bearing A	Application No.		, and filed	on	15	_;
		(b)		to be filed	d herewith; or					
(2) 🗹 non-provisior		rovisional	application							
		(a)		bearing A	Application No.		, and filed	on		_;
		(b)			n oath or declar pplication;	ation execu	ted on even da	ate here	with prior	r to
		(c)		having ar Assignme	n oath or declar ent: and	ation execut	ted on a differ	ent date	than this	;

WHEREAS, Mitsui Chemicals, Inc., a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 105-7117, Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the

Buchanan Ingersoll & Rooney PC
Attorneys & Government Relations Professionals

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Application No. Attorney Docket No. 1034232-000155

Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE February 22, 2010	Ukira Hasegawa Akira HASEGAWA
DATE_ Gebruary 22,20/0	Kerichi Goto Kenichi GOTO
DATE_ February 24, 2010	Toyotam Hayashi Toyoharu HAYASHI
DATE	

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RECORDED: 06/09/2010

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