502493644 09/12/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yasuo HORIKAWA	08/27/2013
Shojiro KAITA	08/27/2013
Olivier TARDIF	08/27/2013
Junko MATSUSHITA	08/27/2013

RECEIVING PARTY DATA

Name:	BRIDGESTONE CORPORATION
Street Address:	10-1, Kyobashi 1-chome
City:	Chuo-ku, Tokyo
State/Country:	JAPAN
Postal Code:	1048340

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13983189

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	Q205989
NAME OF SUBMITTER:	Chris Knight
Signature:	/Chris Knight/
Date:	09/12/2013

Total Attachments: 1

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OP \$40.00

PATENT REEL: 031195 FRAME: 0953

Assignment

Whereas, We, Yasuo HORIKAWA, Shojiro KAITA, Olivier TARDIF and Junk	.0
MATSUSHITA of Kodaira-shi, Japan, respectively, hereinafter called assignors, have	
invented certain improvements in COPOLYMER, RUBBER COMPOSITION,	
CROSSLINKED RUBBER COMPOSITION AND TIRE and executed an application f	or
Letters Patent of the United States of America therefor on	; and

Whereas, BRIDGESTONE CORPORATION of 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo, 1048340, Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/983,189 and Confirmation number 6030, filed August 1, 2013) the application number, confirmation number and filing date of said application when known.

Date:			Narikara		
	s/Yas	uo HORIKAWA			
Date:	Aug. 27, 2013	Shopin	Lent		
	s/Sho	jiro KAITA	•		
Date:	Aug. 27, 2013	Olivier 7	aidif		
	s/Oli	vier TARDIF			
Date:	Aug. 27, 2013	Junko mats	ushita		
	s/Junko MATSUSHITA				

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 031195 FRAME: 0954