PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
DAISUKE KODA	07/03/2015
KEI HIRATA	07/03/2015
HIROSHI KANBARA	07/03/2015

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	14780802				

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ATTORNEY DOCKET NUMBER:	460349US99PCT
NAME OF SUBMITTER:	TERRY EVANS
SIGNATURE:	/TERRY EVANS/
DATE SIGNED:	09/28/2015

Total Attachments: 2

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> **PATENT** REEL: 036671 FRAME: 0046 503498832

Assignment of Application

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS: WHEREAS, I (WE) 1) Daisuke KODA, 2) Kei HIRATA and 3) Hiroshi KANBARA of c/o KURARAY CO., LTD., 36, Towada, Kamisu-shi, Ibaraki 3140197 Japan, respectively,

have inve	nted	certain	new	and u	useful	improvements	in:	"RUBBER	COMPOSITION
<u>VULCANIZ</u>	ED	RUBBER,	AND	TIRE	<u>''</u>				
(Application	No.			,	filed), and
WHEREA	S, _	KURARAY	co.,	LTD	•				

INSERT NAMES AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

INSERT TITLE OF INVENTION:

(hereinafter referred to as "ASSIGNEE") having a place of business at : 1621, Sakazu, Kurashiki-shi, Okayama 7100801 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I(WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNMEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

of 1940 Duke Street

Alexandria Virginia 22314

U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: July 3, 2015 Cignature of Inventor) Date: Cignature of Inventor) Cignature of Inventor) Cignature of Inventor) Cignature of Inventor) Cignature of Inventor)	Date:	July 3, 2015	(Signature of Inventor)	Daisuke Koda
Date: July 3, 2015 Signature of Inventor) Kei HIRATA HiroShi Kanbara Signature of Inventor) HiroShi KANBARA			Coldustrate of University	Daisuke KODA
Date: Signature of Inventor) Hiroshi KANBARA	Date:	July 3, 2015	(Signature of Inventor)	Kei HIRATA
Date:Signature of Inventor? Date:Signature of Inventor?	Date:	July 3, 2015	(Signeture of Inventor)	Hiroshi Kanbara
Date:	Date: .		(Signature of Inventor)	
	Date: .		(Signature of Inventor)	
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