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PATENT ASSIGNMENT COVER SHEET

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UBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
STEVEN LUO			03/12/2009	
RYOUJI TANAKA			03/09/2009	
KOUICHIROU TANI			03/09/2009	
RECEIVING PARTY DA	TA			
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State/Country:	JAPAN	JAPAN		
Postal Code:	104-834	104-8340		
Property Type		Number		
Property Type		Number	7	
Property Type Application Number:		Number 14729827		
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Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 1: Address Line 4:	DATA e sent to provided	(330)379-4064 (330)379-4064 (330) 379-3839 iplawpat@bfusa.com BRIDGESTONE AMERICAS, INC. 10 EAST FIRESTONE BLVD. AKRON, OHIO 44317 P07028US7A KATHIE J. KOPCZYK		

ASSIGNMENT

We, Steven Luo, Ryouji Tanaka, and Kouichirou Tani, have made an invention which now is described and claimed in an application for patent entitled POLYMERS FUNCTIONALIZED WITH HETEROCYCLIC NITRILE COMPOUNDS, which application

[] is being executed and filed concurrently herewith,

[X] was filed on June 23, 2008 and now is designated as United States patent application number 12/144,504.

NOW THEREFORE, pursuant to the obligations imposed by or arising under one or more of our employment agreement(s), advisor agreement(s), state or national statutes, common law, and administrative regulation, we hereby do make the following assignments –

To BRIDGESTONE CORPORATION, a corporation created and duly organized under the laws of the nation of Japan and having a place of business at Tokyo, and its successors and assigns, we hereby

- assign, transfer, and set over the full and exclusive right to the above-described invention and to the above-described application for letters patent of the United States as well as any substitute, continuation, continuation-in-part, or divisional application filed thereon and to any letters patent of the United States that issues from such application(s) as well as any reissue application or request for reexamination filed on such letters patent;
- > covenant and agree for ourselves and our legal representative(s) to

a) assist said assignce and/or its designee(s), to the extent requested, in the prosecution of said application for patent, in any interference declared on said application for patent or patent issuing therefrom, or in litigation which arises out of or is based on said application for patent or patent issuing therefrom, and

b) execute all papers related to said application for patent which said assignce or its designce(s)
b) request to be signed, provided that expenses relating thereto shall be borne by said assignce; and

authorize and request the Commissioner of Patents and Trademarks to issue any letters patent of the United States relating to the above-described invention in the name of said assignee.

To BRIDGESTONE CORPORATION, a corporation created and duly organized under the laws of the nation of Japan and having a place of business at Tokyo, and its successors and assigns, I hereby

- assign, transfer, and set over the full and exclusive right to any application for letters patent filed in any regional or national patent office other than the United States Patent and Trademark Office;
- > covenant and agree for ourselves and our legal representative(s) to

a) assist said assignce and/or its designce(s), to the extent requested, in the prosecution of any such applications for patent or in hitigation which arises out of or is based on said application(s) for patent or patent(s) issuing therefrom, and

b) execute all papers related to said application(s) for patent which said assignee or its designee(s) request to be signed, provided that expenses relating thereto shall be borne by said assignee.

IN WITNESS WHEREOF, we have executed this document on the date next to our names.

Morch 12, 2009 date	Name:
dele	Name:
date	Nante:
Ne Mar. 9.2009	
	date date Mar. 9, 2009 date

Name: date Namo: date Name: date

[] Other names included on additional sheet(s).

PATENT REEL: 039786 FRAME: 0883

RECORDED: 09/20/2016