

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Dr. Terrence E. Hogan</td><td>08/24/2006</td></tr><tr><td>Dr. David F. Lawson</td><td>08/24/2006</td></tr><tr><td>Dr. Yuan-Yong Yan</td><td>08/24/2006</td></tr></tbody></table>	Name	Execution Date	Dr. Terrence E. Hogan	08/24/2006	Dr. David F. Lawson	08/24/2006	Dr. Yuan-Yong Yan	08/24/2006	
Name	Execution Date								
Dr. Terrence E. Hogan	08/24/2006								
Dr. David F. Lawson	08/24/2006								
Dr. Yuan-Yong Yan	08/24/2006								
RECEIVING PARTY DATA									
Name:	Bridgestone Corporation								
Street Address:	10-1, Kyobashi 1-chome								
City:	Chuo-ku, Tokyo								
State/Country:	JAPAN								
Postal Code:	104-8430								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11502228</td></tr></tbody></table>	Property Type	Number	Application Number:	11502228					
Property Type	Number								
Application Number:	11502228								
CORRESPONDENCE DATA									
Fax Number: (866)311-9964 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 330-526-0104, x2									
Email: docket@patentlawyerz.com									
Correspondent Name: David Burleson									
Address Line 1: Zollinger & Burleson Ltd.									
Address Line 2: P.O. Box 2368									
Address Line 4: Canton, OHIO 44720									
ATTORNEY DOCKET NUMBER:	P04097US2A, BJ004C								
NAME OF SUBMITTER:	David G. Burleson								
Total Attachments: 3 source=04097, all_Page_1#page1.tif									

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PATENT
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ASSIGNMENT

We, Dr. Terrence E. Hogan, Dr. David F. Lawson and Dr. Yuan-Yong Yan, have made an invention which now is described and claimed in an application for patent entitled AMINE FUNCTIONALIZED POLYMER, which application

- ☐ is being executed and filed concurrently herewith.
☒ was filed on August 10, 2006, and now is designated as United States patent application number 11/502,228.

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, I hereby do make the following assignments –

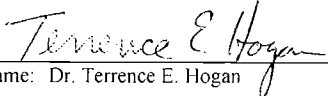
To **BRIDGESTONE CORPORATION**, a corporation created and duly organized under the laws of the nation of Japan and having a place of business at Tokyo, Japan, and its successors and assigns, we hereby

- 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 assignee 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 assignee or its designee(s) request to be signed,
- provided that expenses relating thereto shall be borne by said assignee; 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, Japan, and its successors and assigns, we hereby

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

	<u>8-24-2006</u>		
Name: Dr. Terrence E. Hogan	date	Name: Dr. David F. Lawson	date
Name: Dr. Yuan-Yong Yan	date	Name:	date
Name:	date	Name:	date
Name:	date	Name:	date

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Name: Dr. Terrence E. Hogan

date

Name: Dr. David F. Lawson

date

David F. Lawson, PhD 8/24/2006

Name: Dr. Yuan-Yong Yan

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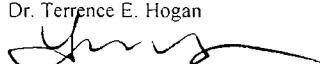
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Name: Dr. Terrence E. Hogan	date	Name: Dr. David F. Lawson	date
	<i>Aug. 24, 2006</i>		
Name: Dr. Yuan-Yong Yan	date	Name:	date
Name:	date	Name:	date
Name:	date	Name:	date

PATENT