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HEET

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To the Director of the U.S. Patent and Trademark Office

and documents or the new address(es) below.

1. Name of conveying party(ies)

Terrence Hogan, Christine Rademacher, David Lawson,
H. James Harwood

2. Name and address of receiving party(ies)

Name: BRIDGESTONE CORPORATION

Internal Address:

Street Address: 10-1, Kyobashi 1-Chome Chuo-ku

City: Tokyo

State:

Country: Japan Zip: 104-8340

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 3/29, 4/3, 4/5, and 4/10/2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

4. Application or patent number(s):

A. Patent Application No.(s)

11/331/635

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Chief IP Counsel

Internal Address:

Bridgestone Americas Holding, Inc.

Street Address: 1200 Firestone Parkway

City: Akron

State: OH Zip: 44317

Phone Number: 330-379-6850

Fax Number: 330-379-4064

Email Address: iplaw@bfusa.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 11331635
Expiration Date

b. Deposit Account Number 06-0925

Authorized User Name Bridgestone Firestone

9. Signature:

Meredith E. Palmer
Signature

11 April 2006
Date

Meredith E. Palmer

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1460

ASSIGNMENT

We, have made an invention which now is described and claimed in an application for patent entitled **FUNCTIONALIZED POLYMERS AND IMPROVED TIRES THEREFROM**, which application

- ☐ is being executed and filed concurrently herewith.
☒ was filed on January 13, 2006, and now is designated as United States Patent Application Serial No. 11/331/635.

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, 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

- 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 assignee and/or its designee(s), to the extent requested, in the prosecution of any such applications for patent or in litigation 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 dates next to our respective names.

Terrence E. Hogan
 Name: Terrence E. Hogan

4/3/2006
 Date

Christine M. Rademacher
 Name: Christine Rademacher

4/5/2006
 Date

David F. Lawson
 Name: David F. Lawson

April 10, 2006
 Date

H. James Harwood
 Name: H. James Harwood

March 29, 2006
 Date