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FORM PTO-1
1-31-92

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ACTION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
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PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Steven Luo
Ryuji NakagawaAdditional name(s) of conveying party(ies) attached? ☐ Yes
☒ No

2. Name and address of receiving party(ies):

Name: Bridgestone Corporation

U.S. PTO

Internal Address:

11/710845

02/26/2007

Street Address: 10-1, Kyobashi 1-Chome
Chuo-Ku, Tokyo 104
Japan

A corporation of : Japan (if applicable)

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: January 24, 2007 and February 22, 2007

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: January 24, 2007 and February 22, 2007

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jon D. Wood, Chief I.P. Counsel
Bridgestone Americas Holding, Inc
Internal Address:

Street Address: 1200 Firestone Parkway

City: Akron State: OH ZIP: 44317

6. Total Number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):. . . . \$ 40.00

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Arthur M. Reginelli, Reg. No. 40,139

Name of Person Signing

Signature

26 FEB 07

Date

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PATENT

REEL: 019046 FRAME: 0015

ASSIGNMENT

We, Steven Luo and Ryuji Nakagawa, have made an invention which now is described and claimed in an application for patent entitled POLYMERS FUNCTIONALIZED WITH NITRO COMPOUNDS, which application

- ☒ is being executed and filed concurrently herewith.
☐ was filed on _____ and now is designated as United States patent application number _____.

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, 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 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.

	<u>January 24, 2007</u>		<u>1/24/2007</u>
Name: Steven Luo	date	Witness:	date
	<u>2-22-07</u>		
Name: Ryuji Nakagawa	date	Witness:	date
Name: _____	date	Name: _____	date
Name: _____	date	Name: _____	date

☐ Other names included on additional sheet(s).

PATENT

RECORDED: 02/26/2007

REEL: 019046 FRAME: 0016