

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Steven Luo</td> <td>03/02/2012</td> </tr> <tr> <td>Mark W Smale</td> <td>03/02/2012</td> </tr> <tr> <td>Kevin McCauley</td> <td>03/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Steven Luo	03/02/2012	Mark W Smale	03/02/2012	Kevin McCauley	03/02/2012
Name	Execution Date								
Steven Luo	03/02/2012								
Mark W Smale	03/02/2012								
Kevin McCauley	03/02/2012								
RECEIVING PARTY DATA									
Name:	Bridgestone Corporation								
Street Address:	10-1, Kyobashi 1-Chome, Chuo-Ku								
City:	Tokyo								
State/Country:	JAPAN								
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>12936571</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12936571				
Property Type	Number								
Application Number:	12936571								
CORRESPONDENCE DATA									
Fax Number:	(330)379-4064								
Phone:	(330) 379-3839								
Email:	iplawpat@bfusa.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Bridgestone Americas, Inc.								
Address Line 1:	10 East Firestone Blvd.								
Address Line 4:	Akron, OHIO 44317								
ATTORNEY DOCKET NUMBER:	P06044US2A								
NAME OF SUBMITTER:	Kathie J. Kopczyk								
Total Attachments: 2 source=P06044US2A#page1.tif source=P06044US2A#page2.tif									

CH \$40.00 12936571

**ASSIGNMENT**

We, Steven Luo, Mark W. Smale, Kevin McCauley, and Randhir Shetty, have made an invention which now is described and claimed in an application for patent entitled METHOD FOR BULK POLYMERIZATION, which application

is being executed and filed concurrently herewith.

was filed on April 6, 2009, and now is designated as United States patent application number 12/936571.

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 10-1, Kyobashi 1-Chome, Chuo-Ku, 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, to any application for letters patent of the United States that claims priority from the above-described application, 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.

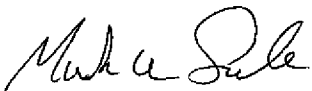
To **BRIDGESTONE CORPORATION**, a corporation created and duly organized under the laws of the nation of Japan and having a place of business at 10-1, Kyobashi 1-Chome, Chuo-Ku, Tokyo, Japan, and its successors and assigns, we hereby

- 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 which application claims priority from the above-described application;
  - 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.

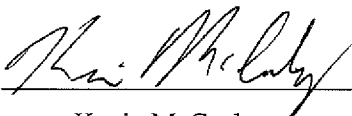
IN WITNESS WHEREOF, we have executed this document on the dates next to our respective names.

  
Name: Steven Luo

March 2, 2012  
Date

  
Name: Mark W. Smale

March 2, 2012  
Date

  
Name: Kevin McCauley

3/2/2012  
Date

\_\_\_\_\_  
Name: Randhir Shetty

\_\_\_\_\_  
Date