

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Xiaorong Wang	10/21/2002
Chenchy Jeffrey Lin	10/21/2002
James Hall	10/21/2002
Sandra Warren	10/21/2002
James Krom	11/30/2002
Hajime Kondo	10/28/2002
Koichi Morita	10/28/2002
RECEIVING PARTY DATA	
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Street Address:	10-1, Kyobashi 1-Chome, Chuo-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	104
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11104759
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PATENT
REEL: 024815 FRAME: 0156

NAME OF SUBMITTER:

Kathie J. Kopczyk

Total Attachments: 1

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ASSIGNMENT

We, Xiaorong Wang, Chenchy Jeffrey Lin, James Hall, Sandra Warren, James Krom, Hajime Kondo and Koichi Morita, have made an invention which now is described and claimed in an application for patent entitled NANO-PARTICLE PREPARATION AND APPLICATIONS, which application

- is being executed and filed concurrently herewith.
- was filed on August 19, 2002 and now is designated as United States patent application number 10/223,393.

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 -

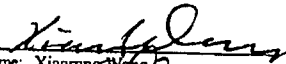
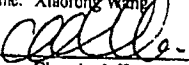
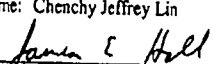
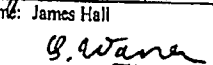
To **BRIDGESTONE CORPORATION**, a corporation created and duly organized under the laws of the nation of Japan and having a place of business at Tokyo, Japan, and its successors and assigns, we hereby

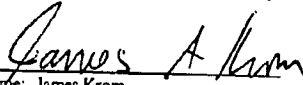
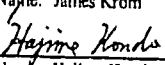
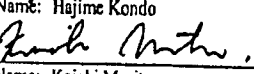
- assign, transfer, and set over the full and exclusive right to the above-described invention and to the above-described application for letters patent of the United States as well as any substitute, continuation, continuation-in-part, or divisional application filed thereon and to any letters patent 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

- 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>10/21/02</u>
Name: Xiaorong Wang	Date
	<u>10/21/02</u>
Name: Chenchy Jeffrey Lin	Date
	<u>21 Oct, 2002</u>
Name: James Hall	Date
	<u>21 Oct, 2002</u>
Name: Sandra Warren	Date

	<u>30 Nov 2002</u>
Name: James Krom	Date
	<u>28 Oct, 2002</u>
Name: Hajime Kondo	Date
	<u>28 Oct, 2002</u>
Name: Koichi Morita	Date