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William M. Cole	Internal Address:		
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Addinonal name(s) of conveying party(les) attached? Yes X No	A corporation of · Japan (if applicable)		
3. Nature of conveyance	Additional name(s) & address(es) attached? $\frac{\text{Yes}}{X}$ No		
X Assignment Merger _ Security Agreement Change of Name _ Other			
Execution Date: August 8, 2003			
4 Application number(s) or patent number(s) If this document is being filed together with a new application, the execution	on date of the application is: July 8, 2003		
A. Patent Application No (s)	B. Patent No (s)		
10/614,843			
Additional number	s anached? Yes X No		
5 Name and address of party to whom correspondence concerning document should be mailed:	Total Number of applications and patents involved:		
Name: John M. Vasuta, Chief I.P. Counsel Bridgestone Americas Holding, Inc. Internal Address.	7. Total fee (37 CFR 3 41) \$ <u>40 00</u> Enclosed		
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PATENT REEL: 013871 FRAME: 0648

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ASSIGNMENT			
I, William M. Cole, have made an invention which now is described and claimed in an application for patent entitled PROCESS AND APPARATUS FOR THE HYDROGENATION OF POLYMERS UNDER SUPERCRITICAL CONDITIONS, which application is being executed and filed concurrently herewith. Was filed on July 8, 2003 and now is designated as United States patent application number 10/614,843.			
NOW THEREFORE, pursuant to the obligations imposed by or arising under one or more of my 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, I			
hereby assign, transfer, and set over the full and exclusive right to the above-described invention and to the assign, transfer, and set over the full and exclusive right to the above-described invention and to the United States as well as any substitute, continuation, above-described application for letters patent of the United States continuation-in-part, or divisional application filed thereon and to any letters patent of the United States continuation-in-part, or divisional application filed thereon and to any letters patent of the United States continuation such application(s) as well as any reissue application or request for reexamination filed on 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 myself and my 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 application, or in higation 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 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 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 any regional or national patent office other than the United States Patent and Trademark Office,
- covenant and agree for myself and my 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 n. lingation which prises 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, I have executed this document on the date next to my	name.
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Name: William M. Cole	8-8-03	Name	date
Name	date	Name	dale
Name	date	Name.	dat⊂
Name	date	Name	date

PATENT REEL: 013871 FRAME: 0649