Tab settings ⇒⇒⇒ 1 102744 To the Honorable Commissioner of Patents and Tra	421 v Indemarks: Please record the attached original documents or copy thereo
1. Name of conveying party(ies): 560	
	Internal Address:
Additional name(s) of conveying party(es) attached? Yes	
3. Nature of conveyance:	
✓ Assignment	Street Address: 535 Marriott Drive,
Security Agreement Change of Other	Name 9th Floor
	City: Nashville State: TN Zip: 3721
Execution Date: 4/30/2004	Additional name(s) & address(es) attached? Yes
4. Application number(s) or patent number(s): If this document is being filed together with a r A. Patent Application No.(s)	new application, the execution date of the application is: 5/
Additional r	numbers attached? Yes No
5. Name and address of party to whom correspo concerning document should be mailed:	ndence 6. Total number of applications and patents invol
Name:John M. Vasuta	7. Total fee (37 CFR 3.41)\$
	Enclosed
Internal Address:Bridgestone Americas Holding, Inc.	Authorized to be charged to deposit acco
blidgestone Americas rioding, inc.	
	8. Deposit account number:
Street Address: 1200 Firestone Parkway	06-0925
City: Akron State: OH Zip: 44317	
DO N	IOT USE THIS SPACE
9. Signature.	
	Λ
	11/109
Michael R. Huber Name of Person Signing	Signature / Date

ASSIGNMENT
I, Francis J. Byrne, have made an invention which now is described and claimed in an application for patent entitled APPARATUS AND METHOD FOR ENHANCING TIRE TRACTION, which application is being executed and filed concurrently herewith. \[\begin{align*} \text{was filed on} & \text{and now is designated as United States patent application number \end{align*}.
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/FIRESTONE NORTH AMERICAN TIRE, LLC, a corporation created and duly organized under the laws of the state of Delaware and having a place of business at 535 Marriott Drive, Nashville, Tennessee, 37214, USA, 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 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 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 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/FIRESTONE NORTH AMERICAN TIRE, LLC, a corporation created and duly organized under the laws of the state of Delaware and having a place of business at Nashville, Tennessee, 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 which application claims priority from the above-described application; > 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 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 WIPNESS WHEREOF, I have executed this document on the date next to my name.

PATENT REEL: 015313 FRAME: 0381

Other names included on additional sheet(s).