FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 02-27-2001



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Conveying Party(ies)	Mark if additional names of c	
	- Inak ii dadiisidi iidiisid si	Month Day 01082001
Name (line 1) Mani, Neel K.		01002001
Name (line 2)		Execution Date
Second Party Name (line 1) Turner, John L.		Month Day 01082001
Name (line 2)		
Receiving Party	Mark if addition	onal names of receiving parties attached
Name (line 1) Bridgestone/Firestone Research	zh, Inc.	If document to be reci
		receiving party is not domiciled in the Unite
Name (line 2) 1659 South Main Street		States, an appointment of a domestic
Address (line 1)		representative is atta (Designation must be separate document fr
Address (line 2)		Assignment.)
Address (line 3) Akron	OH State/Country	Zip Code
Domestic Representative Name a	and Addross	Receiving Party only.
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Correspond	lent Name and Address	Area Code and Telephone Numbe	er 🗌	(:	330) 379-4	1605
Name	John H. Hornickel					
Address (line 1)	Bridgestone/Firestone, Inc.					
Address (line 2)	1200 Firestone Parkway					
Address (line 3)	Akron, OH 44317					
Address (line 4)						
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U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying Part Enter additional Con	• •	√ Mar	k if additional names of	conveying parties atta	Execution Date
Name (line 1) Bran	ica, Thomas R.				01/09/2001
Name (line 2)					Execution Date Month Day Year
Name (line 1) Yoko	ota, Hidetoshi				01/10/2001
Name (line 2)					Execution Date Month Day Year
Name (line 1) Moor	re, Brian E.				01/08/2001
Name (line 2)					
Receiving Party	,		Mark if additi	ional names of receivi	ng parties attached
Name (line 1)					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an appointment of a domestic
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Name (line 1)	lesky, Stanley J.				01/08/2001
Name (line 2)					Execution Date Month Day Year
Name (line 1)					
Name (line 2)					Execution Date Month Day Year
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Name (line 2)					
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PATENT

REEL: 011529 FRAME: 0919

ASSIGNMENT

We, Neel K. Mani, John L. Turner, Thomas R. Branca, Hidetoshi Yokota, Brian E. Moore, and Stanley J. Olesky, have made an invention which now is described and claimed in an application for patent entitled PNEUMATIC TIRE HAVING MULTIPLE ELEMENT BEAD ASSEMBLY, which application is being executed and filed concurrently herewith. Was filed on November 30, 2000 and now is designated as United States patent application number 09/726,714.
NOW THEREFORE, pursuant to the obligations imposed by or arising under one or more of our employment agreement(s), state or national statutes, common law, and administrative regulation, I hereby do make the following assignments –
To BRIDGESTONE/FIRESTONE RESEARCH, INC., a corporation created and duly organized under the laws of the state of Delaware and having a place of business at Akron, Ohio, 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
To BRIDGESTONE/FIRESTONE, INC. a corporation created and duly organized under the laws of the state of Ohio and having a place of business at Akron, Ohio, 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. Name: Neel K. Mani
Name: Thomas R. Branca date Name: Hidetoshi Yokota date R. S. Moore 1/8/01 Stanley J. Olesky B. J. are 2001 Name: Brian E. Moore date Name: Stanley J. Olesky date

Name:

date

Name:

PATENT REEL: 011529 FRAME: 0920

date

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Attorney Docket No. 1110-UZ; P99124US1A

ASSIGNMENT

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- > 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 bome 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.

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Name Neel K. Mani Manne R. Blogge	1/8/2001 date 1/9/2001	Name John L. Turner	mes 1/8/01
Name: Thomas R. Urança Name: Brian E. Moore	date/	Name: Hidetoshi Yokota State Ley O Classy Name: Stanley J. Olesyy	Bar 2001
Numç:	date	Name:	date

Attorney Docker No. 1110-UZ; P99124USIA

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Name: Neel K. Mani	1/5/2001 date	Name John L. Turner	nes 1/5/01
Name: Thomas R. Hranca Name: Brian E. Moore	Jute // 8/04 date	Name: Hidesoshi Yokusa Stanley J. Olesky Name: Stanley J. Olesky	1/10/0/ date 80/01 2001
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