MODIFIED Form PTO-1595	IEET U.S. DEPARTMENT OF COMMERCE
(Rev. 10/02)	103143781 U.S. Patent and Trademark Office
To the Director of the U.S. Patent and T	rademark Office: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Takayuki FUKUNAGA	BRIDGESTONE CORPORATION 10-1, Kyobashi 1-chome Chuo-ku, Tokyo JAPAN
Additional name(s) of conveying party(ies) attached?] Yes ☑ No
3. Nature of conveyance:	
✓ Assignment	
☐ Security Agreement ☐ Change of Name	
☐ Other	
Execution Date: November 1, 2005	Additional name(s) & address(es) attached? ☐ Yes ☑ No
4. Application number(s) or patent number(s):	
If this document is being filed together with	a new application, the execution date of the application is: November 1, 2005
 A. Patent Application No.(s) (Submitted simultaneously alongside new - therefore unknown at the time of submi 	
	onal numbers attached?
5. Name and address of party to whom corresp concerning document should be mailed:	1
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40.00
WASHINGTON OFFICE	☐ Enclosed. ☐ Authorized to be charged to Deposit Account No. 19-4880.
233/3	The USPTO is directed and authorized to charge all required
CUSTOMER NUMBER	fees, except for the Issue Fee and the Publication Fee, to Deposit
	Account No. 19-4880. Please also credit any overpayments to said
	Deposit Account. 8. Deposit Account Number:
	19-4880
	(Attach duplicate copy of this page if paying by deposit account)
	DO NOT USE THIS SPACE
9: Statement and signature.	
To the best of my knowledge and belief, the joint original document.	foregoing information is true and correct and any attached copy is a true copy of the
- Kdrul D	December 16, 2005
Robert V. Sloan	Reg. No. 22,775 Date
Total number of pag	ges including cover sheet, attachments, and documents: 2
Mail documents to	be recorded with required cover sheet information to:
	P ASSIGNMENT RECORDATION SERVICES tor of the U.S. Patent and Trademark Office
Dilect	P.O. Box 1450
	Alexandria, VA 22313-1450

12/22/2005 ECOOPER 00000024 29244930

01 FC:8021

40.00 OP

PATENT REEL: 017374 FRAME: 0660

ASSIGNMENT – PATENT APPLICATION UNITED STATES OF AMERICA

Whereas, I lakayuki Fukunaga,	
a Japanese citizen, having the address at c/o BRIDGESTONE CORPORATION,10-1,	
Kyobashi 1-chome, Chuo-ku, Tokyo, Japan (hereinafter "Assignor") have invented certain new and useful	
improvements in Tread Portion of an Automobile Tire	
for which application to Letters of Patent in the United States of America ■ is about to be filed; □ has been	
filed;	
And whereas, BRIDGESTONE CORPORATION of 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo Japan (hereinafter "Assignee") is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor:	
Now, Therefore, be it known by all whom it may concern, that for good and valuable consideration	
(the sufficiency of which is hereby acknowledged) the Assignor has assigned, transferred and set over, and	
by these presents does assign, transfer and set over unto the said Assignee for the territory of the United	
States of America, the full and exclusive right, title, and interest in and to the said invention, as fully set forth	
and described in the specification	
A. prepared and executed on	
B. filed in the U.S. Patent and Trademark Office under Ser. No on _DEC_1_6_2005	
including any division, continuation, substitute or renewal application thereof; said invention, application and	
Letters Patent to be held and enjoyed by the said Assignee to the full end of the term for which said Letters	
Patent is granted, as fully and entirely as the same would have been held by the Assignor had this	
assignment and transfer not been made.	
Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any	
and all such Letters Patent for said invention to said Assignee.	
In testimony whereof, the Assignor has hereunto set his hand this	
1st November , 2005.	
WITTNESS: INVENTOR:	
(1) Cakayuki Tulunaga Takayuki Fukunaga	
// Takayuki Fukunaga	

RECORDED: 12/16/2005

PATENT REEL: 017374 FRAME: 0661