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U.S DEPARTMENT OF COMMERCE Patent and Trademark Office

1-31-92 101188444 **O56229** PATENTS ONLY To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof. Name of conveying party(ies): Name and address of receiving party(ies)? Yoshihiro MAKINO, Yoshitomo SAKAKIBARA and Yasushi KOBAYASHI Name: BRIDGESTONE CORPORATION Internal Address: 10-1, Kyobashi 1-Chome, Chuo-Ku, Tokyo, Japan Additional name(s) of conveying party(ies) attached? Street Address: __ yes <u>x</u> no Same as above State Zip 3. Nature of Conveyance: Additional name(s) & address(es) attached? <u>x</u> Assignment ____ yes __<u>x</u> no _ Security Agreement _ Change of Name Other Execution Date: October 5, 1999 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application i≰: OCT 1 4 1999 October 5, 1999 A. Patent Application No.(s) B. Patent No(s). 417542 Additional numbers attached? ____ Yes ___x No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: One (1) SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 Pennsylvania Avenue, N.W. 7. Total Fee (37 CFR 3.41): Suite 800 40.00 Washington, D.C. 20037-3202 x Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880. _ Authorized to be charged to Deposit Account 8. Deposit Account No. (Attach dupl. copy of this page if paying by Deposit Account) DO NOT WRITE IN THIS SPACE 9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. fun E Camer Waddell A. Biggart Reg. No. 24,861 October 14, 1999 TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information to: 10/29/1999 DNGUYEN 00000340 09417542 Assistant Commissioner for Patents

Box Assignments

Washington, D.C. 20231

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PATENT

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ASSIGNMENT

	WHEREAS, We, Yoshihiro MAKINO, Yoshitomo SAKAKIBARA and
	Yasushi KOBAYASHI
	ha ve invented certain new and useful improvements in
	for which application for Letters (I/we have made—or am/are about to make)
	Patent of the United States of America;
	AND WHEREAS, BRIDGESTONE CORPORATION
	10-1, Kyobashi 1-Chome, Chuo-Ku, Tokyo, Japan
	desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the
	United States;
	NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of
	One Dollars (\$1.00)
	to _us in hand paid, the receipt of which is hereby acknowledgedwe
	have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said
	BRIDGESTONE CORPORATION
	* our entire right, title, and interest in and to the said invention,
	as fully set forth and described in the:
	(a) specification prepared and executed by <u>us</u> on the <u>5th</u> day of <u>October</u> , 1999,
	preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be
	held and enjoyed by the saidBRIDGESTONE CORPORATION
	for their own use and behoof, and for their legal representatives, to the full end of the term
	for which said Letters Patent are granted, as fully and entirely as the same would have been held by
	us had this assignment and sale not been made.
	IN TESTIMONY WHEREOF, _we hereunto set _our hand and affix _our seal at
	Tokyo, Japan, this 5th day of October, A.D. 1999
	(Inventor's full Signature) (SEAL)
	Yoshihiro MAKINO
	Witnesses: Yoshitomo SAKAKIBARA (SEAL)
	Jusako Oi Yasushi Kobayashi Yasushi Kobayashi Yonko Kohda
	yours Robda

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RECORDED: 10/14/1999