U.S DEPARTMENT OF COMMERCE FORM PTO-1595 Patent & Trademark Office (Rev 6-93) OMB No. 0651-0011 (exp. 4/94)- 000500 RECOKDA I 102302291 COVER SHEET OFFICE OF 787 DEC -2 M 9: 27 **PATENTS ONLY** To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or file copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): William Allen Arnold Name: The Goodyear Tire & Rubber Company Internal Address: Department 823 12-2-02 Fax Number: 330-796-9018 Street Address: 1144 East Market Street City: Akron State: OH Zip: 44316 Additional name(s) of conveying party(ies) attached? □ yes 🗵 no Additional name(s) & address(es) attached? □ ves 🗶 no 3. Nature of Conveyance: X Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name □ Other Execution Date: September 21, 2000 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: Patent Application No.(s) 09/668,116 Patent No.(s) A. Additional numbers attached? □ ves 🗵 no 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$ 40.00 Name: The Goodyear Tire & Rubber Company Internal Address: Dept 823 - Docket DN2000157 ☐ Enclosed X Authorized to be charged to deposit account 8. Deposit Account Number: 07-1725 Street Address: 1144 East Market Street State: OH Zip: 44316-0001 City: Akron (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 foregoing information is true and correct and any attached copy is a true copy of the original document. Richard B O'Planick, Reg. No. 29,096 Signature Date Name of Person Signing

Mail documents to be recorded with required cover sheet information to:

Total number of pages including cover sheet, attachments, and document: 3

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT

REEL: 013537 FRAME: 0009

Docket No.	DN2000157
Serial No	09/668,116
Filed	Lyst 23, 2000

ASSIGNMENT

ASSIGNATION	
WHEREAS, I, William Allen Arnold, of 3553 Peninsula Drive, Akron, Ohio 44319,	
have invented certain improvements in METHOD AND ALGORITHM FOR PREDICTING LEAK RATES	
and described in a patent application executed the 2/st day of, 2000, by the under for filing in The United States of America, being owner(s) of all right, title and interest in and to said application and to any invention described therein and having full right to convey the entire interest both legal and equitable assigned; and	and in
WHEREAS, THE GOODYEAR TIRE & RUBBER COMPANY, of Akron, Ohio 44316, a corporation State of Ohio (assignee) is desirous of acquiring the entire right, title and interest in and to said application an invention described therein and any and all patents to be obtained therefor, all as hereinafter set forth:	
NOW, THEREFORE, in consideration of good and valuable consideration received by the undersigned does (do) hereby sell, assign, transfer and set over unto said assignee, its successors and assigns, the right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any fembodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign abased thereon, including the right to file said foreign applications under the provisions of the International Convalso the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained or any foreign country upon said invention or inventions and any divisional, continuation, continuation-insubstitute applications which may be filed upon said invention or inventions in this or any foreign country; a undersigned hereby authorize(s) and request(s) the issuing authority to issue any and all patents on said applications to said assignee or its successors and assigns.	e entire form or country ention; in this part or and the
The undersigned further agree(s) to execute all divisional, continuing, substitute, improvement, extreissue and other patent applications in this or any foreign country relating to said application or invention and to other lawful papers and to perform all other lawful acts without further consideration, but without expense to (ourselves), which the assignee may deem necessary or desirable to make this Assignment fully effective including of example, but not of limitation, the following acts:	sign all myself
Prompt execution of all lawful oaths, affidavits and/or supplemental oaths required or deemed advisable assignee to further the prosecution of any application or applications for letters patent relating to the matter of this Assignment;	
To cooperate to the best of my (our) ability in the execution of all lawful documents, the product evidence, and the giving of testimony in interference, opposition, nullification or infringement processing the said invention or improvement, applications or patents or any of them.	
The undersigned hereby authorize(s) said assignee to insert in this Assignment the serial number and fili of the above-identified application when known.	ng date
IN WITNESS WHEREOF, the undersigned has (have) hereunto set his (their) hand(s) and seal(s) on the set after his (their) signature(s).	date(s)
Fair 9 Fould (L.S.) William allen arnold, Sept. 21, 2000	
WITNESS William Allen Arnold	
(L.S.) , 2000 WITNESS (L.S.) , 2000	
WITNESS	
WITNESS 2000	

WITNESS

PATENT REEL: 013537 FRAME: 0010

			Docket No. <u>DN2000157</u>
State of Ohio)		
County of	Summit)	SS:	
		ystembe	, 2000, before me personally appeared
to me personally known	n, and known to me	to be the person	on(s) who signed the foregoing assignment, and acknowledge
the signing of same as h			
			Lois of Hourd
			LOIS NEGOLBUNDIARY Public
State of)		Residence - Summit County State Wide Jurisdiction, Ohio
of _)	SS:	My Commission Expires Oct. 27, 2001
On this	day of		, 2000, before me personally appeared
-		*	on(s) who signed the foregoing assignment, and acknowledge
the signing of same as h	nis (their) free act an	d deed.	
			Notary Public
State of)		
of _)	SS:	
On this	day of		, 2000, before me personally appeared
			on(s) who signed the foregoing assignment, and acknowledge
the signing of same as h	nis (their) free act an	d deed.	
			Notary Public
State of)		
State of of _)	SS:	
On this	day of		, 2000, before me personally appeared
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the signing of same as h	nis (their) free act an	d deed.	
State of)		Notary Public
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On this	day of		, 2000, before me personally appeared
to me personally known	n and known to me	to be the nerv	on(s) who signed the foregoing assignment, and acknowledge
the signing of same as h			one, so some are revelously assignment, and applications
		-	Notary Public

RECORDED: 12/02/2002

PATENT REEL: 013537 FRAME: 0011