

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gordon E. Hardman	09/10/2001
Molly A. Hardman	09/10/2001
David C. Coombs	09/21/2001
Ronald C. Grush	09/10/2001
Brett W. Floyd	09/10/2001
John W. Pyne	09/10/2001
David A. Przygocki	09/10/2001
Paul B. Wilson	08/20/2001
Philip B. Loudin	09/10/2001

RECEIVING PARTY DATA

Name:	Bridgestone/Firestone, Inc.
Street Address:	1200 Firestone Parkway
City:	Akron
State/Country:	OHIO
Postal Code:	44317

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12694777

CORRESPONDENCE DATA

Fax Number: (330)379-4064
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 330-379-3839
 Email: iplawpat@bfusa.com
 Correspondent Name: Chief IP Counsel
 Address Line 1: 1200 Firestone Parkway
 Address Line 4: Akron, OHIO 44317

CH \$40.00 12694777

ATTORNEY DOCKET NUMBER:	P99042US3C
NAME OF SUBMITTER:	Thomas R. Kingsbury
<p>Total Attachments: 15</p> <p>source=P99042US3C_Assignment#page1.tif source=P99042US3C_Assignment#page2.tif source=P99042US3C_Assignment#page3.tif source=P99042US3C_Assignment#page4.tif source=P99042US3C_Assignment#page5.tif source=P99042US3C_CoombsAssignment#page1.tif source=P99042US3C_CoombsAssignment#page2.tif source=P99042US3C_CoombsAssignment#page3.tif source=P99042US3C_CoombsAssignment#page4.tif source=P99042US3C_CoombsAssignment#page5.tif source=P99042US3C_WilsonAssignment#page1.tif source=P99042US3C_WilsonAssignment#page2.tif source=P99042US3C_WilsonAssignment#page3.tif source=P99042US3C_WilsonAssignment#page4.tif source=P99042US3C_WilsonAssignment#page5.tif</p>	

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We,

Gordon E. Hardman
a United States citizen
3994 Promontory Court
Boulder, CO 80304
United States of America

John W. Pyne
a United States citizen
1854 Bell Drive
Erie, CO 80503
United States of America

Molly A. Hardman
a United States citizen
3994 Pomontory Court
Boulder, CO 80304
United States of America

David A. Przygocki
a United States citizen
627 Allen Dr.
Longmont, CO 80503
United States of America

David C. Coombs
a United States citizen
3001 West Noshua St.
Tucson, AZ 85745
United States of America

Paul B. Wilson
a United States citizen
518 Fernwood Avenue
Tallmadge, OH 44278
United States of America

Ronald C. Grush
a United States citizen
10508 Mooring Road
Longmont, CO 80504
United States of America

Philip B. Loudin
a United States citizen
6765 Bugle Court
Boulder, CO 80301
United States of America

^W
Brett A. Floyd
a United States citizen
7426 Park Lane
Longmont, CO 80503
United States of America

respectively, hereby sell, assign and transfer to

Bridgestone/Firestone, Inc.
a Delaware corporation
1200 Firestone Parkway
Akron, Ohio 44317-0001
United States of America

as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in a

ELECTRONIC TIRE MANAGEMENT SYSTEM

PATENT
REEL: 024130 FRAME: 0364

described in an application for Letters Patent of the United States,

(check one) attached hereto.

filed on July 26, 2001 as Continuation-in-part Application Serial No. 09/916,028 claiming the benefit of provisional application no. 60/220,896, filed July 26, 2000 and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Boulder Colorado
this 10th day of September (city, state), 2001.

Gordon E. Hardman
Gordon E. Hardman

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness [Signature]

Date 9/10/01

Witness [Signature]

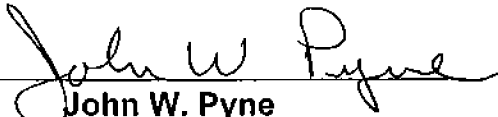
Date 9-10-01

PATENT

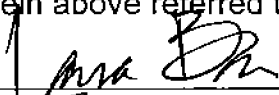
REEL: 024130 FRAME: 0365

Signed at _____
(city, state)

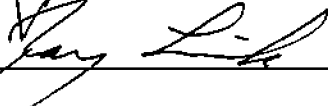
this ____ day of _____, 2001.


John W. Pyne

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness 

Date 9/10/01

Witness 

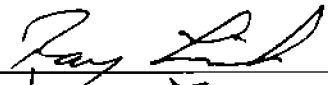
Date 9-10-01

Signed at _____
(city, state)

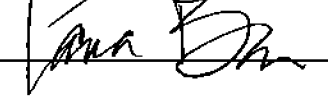
this ____ day of _____, 2001.


Molly A. Hardman

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness 

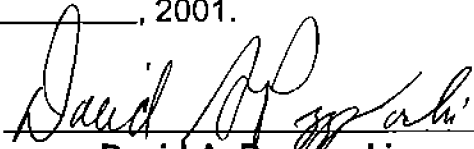
Date 9-10-01

Witness 

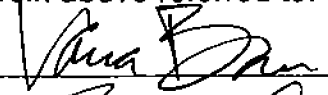
Date 9/10/01

Signed at _____
(city, state)

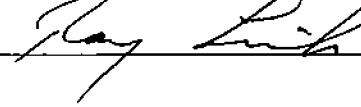
this ____ day of _____, 2001.


David A. Przygocki

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness 

Date 9/10/01

Witness 

Date 9-10-01

Signed at _____
(city, state)
this ____ day of _____, 2001.

David C. Coombs

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____ Date _____

Witness _____ Date _____

Signed at _____
(city, state)
this ____ day of _____, 2001.

Paul B. Wilson

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____ Date _____

Witness _____ Date _____

Signed at _____
(city, state)
this ____ day of _____, 2001.



Ronald C. Grush

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

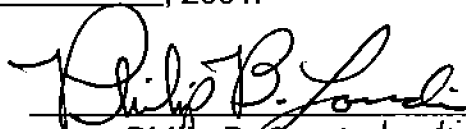
Witness  Date 9/10/01

Witness  Date 9-10-01

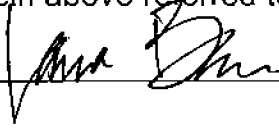
Signed at _____

(city, state)

this ____ day of _____, 2001.


Philip B. ~~Gust~~ Lovdin *per 8/24/01*

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness 

Date 9/10/01

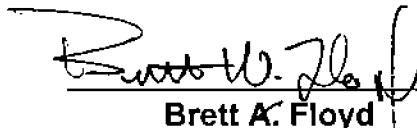
Witness _____

Date _____

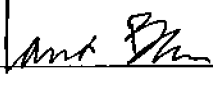
Signed at _____

(city, state)

this ____ day of _____, 2001.


Brett A. Floyd
W.

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness 

Date 8/17/01

Witness _____

Date _____

11778021

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We,

Gordon E. Hardman
a United States citizen
3994 Promontory Court
Boulder, CO 80304
United States of America

John W. Pyne
a United States citizen
1854 Bell Drive
Erie, CO 80503
United States of America

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United States of America

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a United States citizen
6765 Bugle Court
Boulder, CO 80301
United States of America

Brett W. Floyd
a United States citizen
7426 Park Lane
Longmont, CO 80503
United States of America

respectively, hereby sell, assign and transfer to

Bridgestone/Firestone, Inc.
a Delaware corporation
1200 Firestone Parkway
Akron, Ohio 44317-0001
United States of America

as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in a

ELECTRONIC TIRE MANAGEMENT SYSTEM

PATENT
REEL: 024130 FRAME: 0369

described in an application for Letters Patent of the United States,

(check one) attached hereto.

filed on July 26, 2001 as Continuation-in-part Application Serial No. 09/916,028 claiming the benefit of provisional application no. 60/220,896, filed July 26, 2000 and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at _____
(city, state)
this ____ day of _____, 2001.

Gordon E. Hardman

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

PATENT

REEL: 024130 FRAME: 0370

Signed at _____
(city, state)
this ____ day of _____, 2001.

John W. Pyne

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at _____
(city, state)
this ____ day of _____, 2001.

Molly A. Hardman

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at _____
(city, state)
this ____ day of _____, 2001.

David A. Przygocki

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at Tucson AZ
(city, state)

this 21 day of September, 2001.



David M. Coombs

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness Angel F. Scully

Date 9/21/01

Witness Barbara L. Coombs

Date 9/21/01

Signed at _____
(city, state)

this ____ day of _____, 2001.

Paul B. Wilson

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at _____
(city, state)

this ____ day of _____, 2001.

Ronald C. Grush

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at _____
(city, state)
this ____ day of _____, 2001.

Philip B. Loudin

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at _____
(city, state)
this ____ day of _____, 2001.

Brett W. Floyd

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

11778021

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We,

Gordon E. Hardman
a United States citizen
3994 Promontory Court
Boulder, CO 80304
United States of America

John W. Pyne
a United States citizen
1854 Bell Drive
Erie, CO 80503
United States of America

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a United States citizen
6765 Bugle Court
Boulder, CO 80301
United States of America

Brett A. Floyd
a United States citizen
7426 Park Lane
Longmont, CO 80503
United States of America

respectively, hereby sell, assign and transfer to

Bridgestone/Firestone, Inc.
a Delaware corporation
1200 Firestone Parkway
Akron, Ohio 44317-0001
United States of America

as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in a

ELECTRONIC TIRE MANAGEMENT SYSTEM

PATENT
REEL: 024130 FRAME: 0374

described in an application for Letters Patent of the United States,

(check one) attached hereto.

filed on July 26, 2001 as Continuation-in-part Application Serial No. 09/916,028 claiming the benefit of provisional application no. 60/220,896, filed July 26, 2000 and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at _____
(city, state)
this ____ day of _____, 2001.

Gordon E. Hardman

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at _____
(city, state)
this ____ day of _____, 2001.

John W. Pyne

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at _____
(city, state)
this ____ day of _____, 2001.

Molly A. Hardman

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at _____
(city, state)
this ____ day of _____, 2001.

David A. Przygocki

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at _____
(city, state)
this ____ day of _____, 2001.

David C. Coombs

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at Akron Ohio
(city, state)
this 20 day of Aug., 2001.


Paul B. Wilson

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness Maxiene Rea

Date Aug. 20, 2001

Witness Thomas R. Kingberry

Date August 20, 2001

Signed at _____
(city, state)
this ____ day of _____, 2001.

Ronald C. Grush

Signed in our presence and acknowledged to be an assignment of the application
(invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at _____

(city, state)

this ____ day of _____, 2001.

Phillip B. Grush

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

Signed at _____

(city, state)

this ____ day of _____, 2001.

Brett A. Floyd

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness _____

Date _____

Witness _____

Date _____

11778021