

04-16-2003

cket No.: P98044US5A

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings → → → ▼



102421408

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Russell W. Koch  
Paul B. Wilson  
Jack Dutcher  
Guy J. Walenga

4-1503

## 2. Name and address of receiving party(ies)

Name: Bridgestone/Firestone North American Tire,  
L.L.C.

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: 535 Marriott Drive

City: Nashville State: TN Zip: 37214

Execution Date: March 24, 2003

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: \_\_\_\_\_

A. Patent Application No.(s)  
10/302,586

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Fred H. Zollinger, III

Internal Address: SAND &amp; SEBOLT

Aegis Tower

Street Address: 4940 Munson Street, NW, Suite 1100

City: Canton State: OH Zip: 44718

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

(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.

Fred H. Zollinger, III

Name of Person Signing

Signature

4-9-03

Date

8

Total number of pages including cover sheet, attachments, and documents

04/15/2003 LMOELLER 00000187 10302586

01 FC:8021

40.00 DP

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231PATENT  
REEL: 013947 FRAME: 0858

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

## RECORDATION FORM COVER SHEET

## PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

Tab settings → → → ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

John D. Rensel

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other \_\_\_\_\_

Execution Date: \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

6. Total number of applications and patents involved: ☐

7. Total fee (37 CFR 3.41).....\$ \_\_\_\_\_

- ☐ Enclosed
- ☐ Authorized to be charged to deposit account

8. Deposit account number: \_\_\_\_\_

(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.*

\_\_\_\_\_  
Name of Person Signing\_\_\_\_\_  
Signature\_\_\_\_\_  
DateTotal number of pages including cover sheet, attachments, and documents: ☐

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

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

**PATENT**  
**REEL: 013947 FRAME: 0859**

## ASSIGNMENT

We, Russell W. Koch, Paul B. Wilson, Jack Dutcher, Guy J. Walenga, and John D. Rensel, have made an invention which now is described and claimed in an application for patent entitled NON-ATTACHED MONITORING ASSEMBLY FOR PNEUMATIC TIRE, which application

☐ is being executed and filed concurrently herewith.

☒ was filed on November 21, 2002 and now is designated as United States patent application number 10/302,586.

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 NORTH AMERICAN TIRE, LLC**, a limited liability company created and duly organized under the laws of the state of Delaware and having a place of business at Nashville, Tennessee, 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

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 borne 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.

To **BRIDGESTONE/FIRESTONE NORTH AMERICAN TIRE, LLC**, a limited liability company created and duly organized under the laws of the state of Delaware and having a place of business at Nashville, Tennessee, 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.

Russell W. Koch 3/20/03  
Name: Russell W. Koch date

Paul B. Wilson 3/20/2003  
Name: Paul B. Wilson date

Jack Dutcher  
Name: Jack Dutcher date

Guy J. Walenga  
Name: Guy J. Walenga date

John D. Rensel March 20, 2003  
Name: John D. Rensel date

Name: date

Name: date

Name: date

## ASSIGNMENT

We, Russell W. Koch, Paul B. Wilson, Jack Dutcher, Guy J. Walenga, and John D. Rensel, have made an invention which now is described and claimed in an application for patent entitled NON-ATTACHED MONITORING ASSEMBLY FOR PNEUMATIC TIRE, which application

- ☐ is being executed and filed concurrently herewith.  
☒ was filed on November 21, 2002 and now is designated as United States patent application number 10/302,586.

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 NORTH AMERICAN TIRE, LLC, a limited liability company created and duly organized under the laws of the state of Delaware and having a place of business at Nashville, Tennessee, 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
    - 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 borne 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.

To BRIDGESTONE/FIRESTONE NORTH AMERICAN TIRE, LLC, a limited liability company created and duly organized under the laws of the state of Delaware and having a place of business at Nashville, Tennessee, 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: Russell W. Koch

date

Name: Paul B. Wilson

date

Name: Jack Dutcher

date

Name: Guy J. Walenga

date

Name: John D. Rensel

date

Name:

date

Name:

date

Name:

date

## ASSIGNMENT

We, Russell W. Koch, Paul B. Wilson, Jack Dutcher, Guy J. Walenga, and John D. Rensel, have made an invention which now is described and claimed in an application for patent entitled NON-ATTACHED MONITORING ASSEMBLY FOR PNEUMATIC TIRE, which application

☐ is being executed and filed concurrently herewith.

☒ was filed on November 21, 2002 and now is designated as United States patent application number 10/302,586.

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 NORTH AMERICAN TIRE, LLC**, a limited liability company created and duly organized under the laws of the state of Delaware and having a place of business at Nashville, Tennessee, 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

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 borne 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.

To **BRIDGESTONE/FIRESTONE NORTH AMERICAN TIRE, LLC**, a limited liability company created and duly organized under the laws of the state of Delaware and having a place of business at Nashville, Tennessee, 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: Russell W. Koch

date

Name: Paul B. Wilson

date

Name: Jack Dutcher

date

Name: Guy J. Walenga

date

Name: John D. Rensel

date

Name:

date

Name:

date

Name:

date

PATENT

RECORDED: 04/15/2003

REEL: 013947 FRAME: 0862