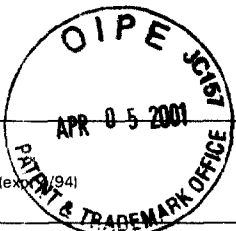


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**PATENTS ONLY**

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Attorney Docket 3245-0

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

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

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

## 3. Nature of conveyance:

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

Execution Date: 1/15/2001

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

Name: Knorr-Bremse MRP

Internal Address:

Street Address: Bartweg 13City: HannoverState/Country: GermanyZip: 30453Additional 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)

09/448,819; 09/207,231; 09/098,793

## B. Patent No.(s)

5,178,403; 5,585,711; 5,488,287; 5,419,620Additional numbers attached? ☐ Yes ☒ No

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

Name: Cohen, Pontani, Lieberman & Pavane

Internal Address:

Street Address: 551 Fifth Avenue, 12<sup>th</sup> FloorCity: New York State: New York Zip: 10176

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

7

7. Total fee (37 CFR 3.41):.....\$280.00

- ☒ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number: 03-2412

(Attach duplicate copy of this page if paying by deposit account)

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## 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.*

Thomas C. Pontani  
Name of Person Signing  
Reg. No. 29,763

Signature

April 2, 2001  
Date

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

5

Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

04/17/2001 STON11 00000100 09444819

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**PATENT**  
**REEL: 011675 FRAME: 0898**

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## ASSIGNMENT

WHEREAS, Mannesmann Aktiengesellschaft (hereinafter referred to as "ASSIGNOR"), a German corporation having an office at Mannesmannufer 2, 40213 Düsseldorf, Germany is the owner of

U.S. Patent No. 5,178,403, issued January 12, 1993 and entitled Electrical Energy Generating Device For A Wheeled Semi-Trailer

U.S. Patent No. 5,585,711, issued December 17, 1996 and entitled Generator Arrangement for Producing Electrical Energy and for Use in Vehicles with Anti-Skid Systems

U.S. Patent No. 5,488,287, issued January 30, 1996 and entitled Method Of Producing Electrical Energy By Means Of Generators And Use Of The Method In Vehicles With Anti-Skid Systems

U.S. Patent No. 5,419,620, issued May 30, 1995 and entitled Device For Adjusting The Braking Force At Brake Disks For Railborne Vehicles

WHEREAS, Knorr-Bremse MRP (hereinafter referred to as "ASSIGNEE"), a German corporation having a place of business at Bartweg 13, 30453 Hannover, Germany, is desirous of obtaining Assignor's entire right, title and interest in, to and under said patents.

NOW, THEREFORE, in consideration of the sum of \$1.00 to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presence does hereby sell, assign, transfer and set over, onto the said ASSIGNEE, its successors, legal representatives and assigns, its entire right, title and interest in, to and under the said United States Patent all reissues and extensions thereof;

AND ASSIGNOR HEREBY covenants and agrees that it has full right to convey its entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith.

IN TESTIMONY WHEREOF, ASSIGNOR, hereunto sets the hand and seal of its authorized officer the day and year set opposite his signature.

Maunessmann Aktiengesellschaft

*Uwe Arping*

Dr. Arping

*Patek*

Patek

Date: Düsseldorf, 15.01.01

By: both authorized manager  
Name  
Title

Witness

*Helmut Döcker*

Witness

*Volker Kun*

Date: 15.01.01

Date: 15.01.01

Assignment of Patent Rights

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## ASSIGNMENT

WHEREAS, Mannesmann Aktiengesellschaft (hereinafter referred to as "ASSIGNOR"), a German corporation having an office at Mannesmannufer 2, 40213 Düsseldorf, Germany is the owner of U.S. Application Serial No. 09/448,819, filed on November 24, 1999 and entitled Actuation Device For Machine Elements Having Wear-Induced Play; U.S. Application Serial No. 09/207,231, filed December 8, 1998 and entitled Device For Operating Machine Elements Subject To Wear-Related Play; U.S. Application Serial No. 09/098,793, filed June 17, 1998 and entitled Actuating Device For Machine Elements That Are Subject To Wear Play, Especially For Brakes Of Railborne Vehicles.

WHEREAS, Knorr-Bremse MRP (hereinafter referred to as "ASSIGNEE"), a German corporation having a place of business at Bartweg 13, 30453 Hannover, Germany, is desirous of obtaining Assignor's entire right, title and interest in, to and under said application:

NOW, THEREFORE, in consideration of the sum of \$1.00 to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presence does hereby sell, assign, transfer and set over, onto the said ASSIGNEE, its successors, legal representatives and assigns, its entire right, title and interest in, to and under the said United States Patent all reissues and extensions thereof;

AND ASSIGNOR HEREBY covenants and agrees that it has full right to convey its entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith.

IN TESTIMONY WHEREOF, ASSIGNOR, hereunto sets the hand and seal of its  
authorized officer the day and year set opposite his signature.

Mannesmann Aktiengesellschaft

*U. Arping*

Dr. Arping

*Patek*

Patek

Date: Düsseldorf, 15.01.01

By: authorized manager authorized manager  
Name  
Title

Witness

*G. Decker*

Witness

*Vollmer*

Date: 15.01.01

Date: 15.01.01

Assignment of S/N# Rights

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