

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Johann IRASCHKO</td><td>02/22/2011</td></tr><tr><td>Georg KEMPINGER</td><td>02/23/2011</td></tr><tr><td>Florian ORGLER</td><td>04/11/2011</td></tr></tbody></table>		Name	Execution Date	Johann IRASCHKO	02/22/2011	Georg KEMPINGER	02/23/2011	Florian ORGLER	04/11/2011
Name	Execution Date								
Johann IRASCHKO	02/22/2011								
Georg KEMPINGER	02/23/2011								
Florian ORGLER	04/11/2011								
RECEIVING PARTY DATA									
Name:	KNORR-BREMSE Systeme fuer Nutzfahrzeuge GmbH								
Street Address:	Moosacher Strasse 80								
City:	Muenchen								
State/Country:	GERMANY								
Postal Code:	80809								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13016418</td></tr></tbody></table>		Property Type	Number	Application Number:	13016418				
Property Type	Number								
Application Number:	13016418								
CORRESPONDENCE DATA									
Fax Number:	(202)628-8844								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	202-624-2500								
Email:	tyarborough@crowell.com								
Correspondent Name:	Crowell & Moring LLP								
Address Line 1:	Intellectual Property Group								
Address Line 2:	P.O. Box 14300								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20044-4300								
ATTORNEY DOCKET NUMBER:	037068.63189US								
NAME OF SUBMITTER:	Jeffrey D. Sanok								
Total Attachments: 3 source=63189USASSIGNMENT#page1.tif source=63189USASSIGNMENT#page2.tif source=63189USASSIGNMENT#page3.tif									

OP \$40.00 13016418

501526523

PATENT  
REEL: 026254 FRAME: 0978

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**KNORR-BREMSE Systeme fuer Nutzfahrzeuge GmbH**  
**Moosacher Strasse 80**  
**80809 Muenchen**  
**GERMANY**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

**Method for Fixing an Adjustment Device on a Disc Brake**

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,  
☐ executed on ,  
☒ Application No. 13/016,418, filed January 28, 2011  
☐ PCT International Application, No. , filed ,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of CROWELL & MORING LLP, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Signature:

Inventor one:

  
Johann IRASCHKO

22.02.2011  
DATE

Signature:

Inventor two:

Georg KEMPINGER

DATE

Signature:

Inventor three:

Florian ORGLER

DATE

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**KNORR-BREMSE Systeme fuer Nutzfahrzeuge GmbH**  
**Moosacher Strasse 80**  
**80809 Muenchen**  
**GERMANY**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

**Method for Fixing an Adjustment Device on a Disc Brake**

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,  
☐ executed on ,  
☒ Application No. 13/016,418, filed January 28, 2011  
☐ PCT International Application, No.: , filed ,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of CROWELL & MORING LLP, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Signature:

Inventor one:

Johann IRASCHKO

\_\_\_\_\_  
DATE

Signature:

Inventor two:

Georg KEMPINGER  
Georg KEMPINGER

23.02.2011  
DATE

Signature:

Inventor three:

Florian ORGLER

\_\_\_\_\_  
DATE

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**KNORR-BREMSE Systeme fuer Nutzfahrzeuge GmbH**  
**Moosacher Strasse 80**  
**80809 Muenchen**  
**GERMANY**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

**Method for Fixing an Adjustment Device on a Disc Brake**

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,  
☐ executed on ,  
☒ Application No. 13/016,418, filed January 28, 2011  
☐ PCT International Application, No.: , filed ,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of CROWELL & MORING LLP, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Signature:

Inventor one:

Johann IRASCHKODATE

Signature:

Inventor two:

Georg KEMPINGERDATE

Signature:

Inventor three:

F. O. gl  
Florian ORGLER11.04.2011  
DATE