PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Johann BAUMGARTNER	10/06/2011
Aleksandar PERICEVIC	10/06/2011
Robert GRUBER	10/08/2011
Steffen GEISSLER	10/17/2011

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

Property Type	Number
Application Number:	13236058

CORRESPONDENCE DATA

Fax Number: (202)628-8844 202-624-2500 Phone:

Email: tyarborough@crowell.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

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:	037068.63858US
NAME OF SUBMITTER:	Jeffrey D. Sanok

PATENT

REEL: 027154 FRAME: 0268

Total Attachments: 4

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> PATENT REEL: 027154 FRAME: 0269

Attorney Docket No.: 037068.63858US U.S. Rights-Sole or Joint

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

	GERMANY	
(bereinafter ASSIGNEE) all right, to his invention relating to:	itle and interest for the United States, its territories	and possessions in and to
	Wet-Running Multi-Disc Brake	
as set forth in his United States Pate	ent Application (check one):	
	tly herewith, 236,058, filed September 19, 2011 Application, No.: , filed .	
to any and all Letters Patent of the including any and all reissues or ext representatives and assigns to the fi	Application including any and all divisions or continu United States which may issue on any such applicate ensions thereof, to be held and enjoyed by said ASSIG all end of the term or terms for which any and all su d have been held and enjoyed by the undersigned had	tion or for said invention, NEE, its successors, legal ch Letters Patent may be
Each of the undersigned hereby autissue any and all such Letters Patent	horizes and requests the Director of the U.S. Patent to said ASSIGNEE, its successors or assigns in accord	and Trademark Office to lance herewith;
Each of the undersigned warrants ar interests herein sold and assigned ar conflict herewith;	nd covenants that he has the full and unencumbered rand that he has not executed and will not execute any d	ight to sell and assign the ocument or instrument in
representatives or assigns all inform will execute and deliver any papers, lawful acts deemed necessary or de- perfect title to said invention, to sai Letters Patent which may be grante successors, or assigns or to assist s	enants and agrees he will communicate to said ASSIG ation known to him relating to said invention or pater make all rightful oaths, testify in any legal proceediresirable by said ASSIGNEE, its successors, legal repid application including divisions and continuations to therefor or thereon, including reissues or extensional aid ASSIGNEE, its successors, legal representatives of the United States for said invention;	nt application and that he ngs and perform all other resentatives or assigns to hereof and to any and all s. in said ASSIGNEE, its
to insert in this Assignment any furt	ts the firm of CROWELL & MORING LLP, or any p her identification which may be necessary or desirable fice for recordation of this Assignment.	partner thereof, the power e to comply with the rules
Signature:	Jan Day 1	06 100000
Inventor one:	Johann BAUMGARTNER	DATE
Signature:	ž.:	
Inventor two:	Aleksandar PERICEVIC	DATE
Signature:		
Inventor three:	Robert GRUBER	T) A MT
	TOOGI GRODEN	DATE

Page 1 of 2

ASSIGNMENT

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

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:		
•	Wet-Running Multi-Disc Brake	
as set forth in his United States Pater	at Application (check one):	
	ly herewith, 36,058, filed September 19, 2011 pplication, No.: , filed ,	
in and to said United States Patent A to any and all Letters Patent of the including any and all reissues or exter representatives and assigns to the ful	Application including any and all divisions or continue United States which may issue on any such applicat usions thereof, to be held and enjoyed by said ASSIGI Il end of the term or terms for which any and all such have been held and enjoyed by the undersigned had	ion or for said invention, NEE, its successors, legal ch Letters Patent may be
Each of the undersigned hereby auth issue any and all such Letters Patent	norizes and requests the Director of the U.S. Patent to said ASSIGNEE, its successors or assigns in accord	and Trademark Office to ance herewith;
Each of the undersigned warrants and interests herein sold and assigned and conflict herewith;	d covenants that he has the full and unencumbered rid that he has not executed and will not execute any do	ght to sell and assign the ocument or instrument in
representatives or assigns all informa will execute and deliver any papers, a lawful acts deemed necessary or des perfect title to said invention, to said Letters Patent which may be granted	nants and agrees he will communicate to said ASSIGN tion known to him relating to said invention or paten make all rightful oaths, testify in any legal proceeding irable by said ASSIGNEE, its successors, legal represent application including divisions and continuations the therefor or thereon, including reissues or extensions and ASSIGNEE, its successors, legal representatives of the United States for said invention;	t application and that he ags and perform all other esentatives or assigns to aereof and to any and all a, in said ASSIGNEE, its
Each of the undersigned hereby grant to insert in this Assignment any furth of the U.S. Patent and Trademark Off	is the firm of CROWELL & MORING LLP, or any paper identification which may be necessary or desirable fice for recordation of this Assignment.	artner thereof, the power to comply with the rules
Signature:		
Inventor one:	Johann BAUMGARTNER	DATE
Signature: Inventor two:	Aleksandar PERICEVIC	SCAA/AC/CE DATE
Signature:		
Inventor three:	Robert GRUBER	DATE

Page 1 of 2

U.S. Rights-Sole or Joint

Attorney Docket No.: 037068.63858US

ASSIGNMENT

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KNORR-BREMSE Systeme fuer Nutzfahrzeuge GmbH Moosacher Strasse 80

Moosacher Strasse 80 80809 Muenchen		
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as set forth in his United States Pater	nt Application (check one):	
executed concurrent	dy herewith,	
	36,058, filed September 19, 2011 Application, No.: , filed ,	
to any and all Letters Patent of the including any and all reissues or exter representatives and assigns to the fu	Application including any and all divisions or continua United States which may issue on any such applications thereof, to be held and enjoyed by said ASSIGN all end of the term or terms for which any and all such the undersigned had the description of the land and the content of the term of the land the	on or for said invention, NEE, its successors, legal h Letters Patent may be
	horizes and requests the Director of the U.S. Patent a to said ASSIGNEE, its successors or assigns in accorda	
	ed covenants that he has the full and unencumbered rig and that he has not executed and will not execute any do	
representatives or assigns all informable execute and deliver any papers, lawful acts deemed necessary or desperfect title to said invention, to said Letters Patent which may be grante successors, or assigns or to assist s	enants and agrees he will communicate to said ASSIGN ation known to him relating to said invention or patent make all rightful paths, testify in any legal proceeding sirable by said ASSIGNEE, its successors, legal repred application including divisions and continuations the difference or thereon, including reissues or extensions aid ASSIGNEE, its successors, legal representatives of the United States for said invention;	t application and that he gs and porform all other esentatives or assigns to ereof and to any and all i, in said ASSIGNEE, its
to insert in this Assignment any furt	ts the firm of CROWELL & MORING LLP, or any pather identification which may be necessary or desirable fice for recordation of this Assignment.	
Signature:		
Inventor one:	Johann BAUMGARTNER	DATE
Signature:		
Inventor two:	Aleksandar PERICEVIC	DATE
Signature:	Pale 666	9 40 COLL
Inventor three;	Robert GRUBER	DATE

Page 1 of 2

 ${\bf ASSIGNMENT-U.S.\ Rights}$

Attorney Docket No.: 037068.63858US

Signature:

Inventor four:

Steffen GEISSLER

DATE

PATENT REEL: 027154 FRAME: 0273

RECORDED: 11/01/2011