# 501911122 05/04/2012

# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Frank GUNTHER	04/24/2012
Jorg-Johannes WACH	03/26/2012
UIf FRIESEN	04/24/2012
Stefan SEDLMAIR	03/22/2012

# **RECEIVING PARTY DATA**

Name:	KNORR-BREMSE SYSTEME FUR SCHIENENFAHRZEUGE GMBH
Street Address:	Moosacher Str. 80
City:	Munich
State/Country:	GERMANY
Postal Code:	80809

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13496620

# **CORRESPONDENCE DATA**

 Fax Number:
 (202)289-1313

 Phone:
 202-289-1313

Email: cunderwood@btlaw.com

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

via US Mail.

Correspondent Name: BARNES & THORNBURG LLP Address Line 1: 1717 Pennsylvania Ave. NW

Address Line 2: SUITE 500

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006-4623

ATTORNEY DOCKET NUMBER:	566/49454
NAME OF SUBMITTER:	Christine H. McCarthy

PATENT

REEL: 028160 FRAME: 0063

\$40.00 1349

501911122

# Total Attachments: 8 source=49454assignment#page1.tif source=49454assignment#page2.tif source=49454assignment#page3.tif source=49454assignment#page4.tif source=49454assignment#page5.tif source=49454assignment#page6.tif source=49454assignment#page7.tif source=49454assignment#page8.tif

PATENT REEL: 028160 FRAME: 0064

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign all my rights, title and interest, in and for the United States of America and all foreign countries, in and to the invention entitled:

# METHOD AND DEVICE FOR MONITORING THE DRIVING BEHAVIOR OF A RAILWAY VEHICLE

which was inveinventors are nar		one is named ASSIGNOR	below) or us (if plural
	which was filed in the United States Patent and Trademark Office on, and assigned Application No,		
$\boxtimes$		on and relies for priority on the 2010/063488, filed 14 Septer	
$\boxtimes$	which was based upon and relies for priority on German Application No. 10 2009 041 823.7, filed on 18 September 2009,		
to the follo	wing (hereinafter cal	led ASSIGNEE(S)):	
NAME	OF ASSIGNEE	COUNTRY AND TYPE OF BUSINESS ORGANIZATION	HEADQUARTERS ADDRESS
	REMSE SYSTEME ENENFAHRZEUGE GMBH	German company	Moosacher Str. 80 80809 Munich

This assignment conveys to the above-identified ASSIGNEE(S), its successors and assigns or other legal representatives all my rights, title and interest, in the above-identified invention including all United States Patent Applications, United States Letters Patent which may be granted therefor, and all divisionals, continuations, and extensions thereof, and any corresponding foreign Letters Patent whether applied for or granted, the interest being the entire ownership of the Letters Patent, to be held and enjoyed by the ASSIGNEE(S), its successors, assigns or other legal representatives, to the full end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference

Ref. No. 3811-M PCT/US B&T Docket No. 566-49454

Form V. 1.1

proceedings, as well as any papers necessary to procure foreign Letters Patents on the invention, or otherwise to secure the title thereto in the ASSIGNEE(S);

And I do hereby authorize and request the Commissioner of Patents to issue the Letters Patent to the ASSIGNEE(S).

**INVENTOR:** 

Frank GÜNTHER

Citizenship:

DE

Post Office Address/

Feldmochinger Str. 57

Residence:

80993 Munich **GERMANY** 

2012-04-24

(Date)

**INVENTOR:** 

Jörg-Johannes WACH

Citizenship:

DE

Post Office Address/

Dorfstr. 5

Residence:

81247 Munich

**GERMANY** 

(Date)

(Signature)

**INVENTOR:** 

**UIF FRIESEN** 

Citizenship:

DE

Post Office Address/

Bürgermeister-Schneider-Weg 23

Residence:

85579 Neubiberg

**GERMANY** 

(Date)

(Signature)

**INVENTOR:** 

Stefan SEDLMAIR

Citizenship:

DE

Post Office Address/

Rassosiedlung 13

Residence:

82284 Grafrath **GERMANY** 

(Date)

(Signature)

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign all my rights, title and interest, in and for the United States of America and all foreign countries, in and to the invention entitled:

# METHOD AND DEVICE FOR MONITORING THE DRIVING BEHAVIOR OF A RAILWAY VEHICLE

which was inventors are nat	ented by me (if only one is named ASSIGNOR below) or us (if plural med below) and,
	which was filed in the United States Patent and Trademark Office on, and assigned Application No,
	which was based upon and relies for priority on the corresponding PCT application PCT/EP2010/063488, filed 14 September 2010,
$\boxtimes$	which was based upon and relies for priority on German Application No. 10 2009 041 823.7, filed on 18 September 2009,
to the foll	owing (hereinafter called ASSIGNEE(S)):
NAM	E OF ASSIGNEE COUNTRY AND TYPE HEADQUARTERS OF BUSINESS ADDRESS ORGANIZATION
KNORR- FÜR SCH	BREMSE SYSTEME German company Moosacher Str. 80 IENENFAHRZEUGE 80809 Munich

This assignment conveys to the above-identified ASSIGNEE(S), its successors and assigns or other legal representatives all my rights, title and interest, in the above-identified invention including all United States Patent Applications, United States Letters Patent which may be granted therefor, and all divisionals, continuations, and extensions thereof, and any corresponding foreign Letters Patent whether applied for or granted, the interest being the entire ownership of the Letters Patent, to be held and enjoyed by the ASSIGNEE(S), its successors, assigns or other legal representatives, to the full end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference

proceedings, as well as any papers necessary to procure foreign Letters Patents on the invention, or otherwise to secure the title thereto in the ASSIGNEE(S);

And I do hereby authorize and request the Commissioner of Patents to issue the Letters Patent to the ASSIGNEE(S).

INVENTOR: Citizenship: Post Office Address/ Residence:	Frank GÜNTHER DE Feldmochinger Str. 57 80993 Munich GERMANY
(Date)	(Signature)
INVENTOR: Citizenship: Post Office Address/ Residence:	Jörg-Johannes WACH DE Dorfstr. 5 81247 Munich GERMANY
26, 03, 2012 (Date)	(Signature)
INVENTOR: Citizenship: Post Office Address/ Residence:	Ulf FRIESEN DE Bürgermeister-Schneider-Weg 23 85579 Neubiberg GERMANY
(Date)	(Signature)
INVENTOR: Citizenship: Post Office Address/ Residence:	Stefan SEDLMAIR DE Rassosiedlung 13 82284 Grafrath GERMANY
(Date)	(Signature)

2 of 2

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign all my rights, title and interest, in and for the United States of America and all foreign countries, in and to the invention entitled:

# METHOD AND DEVICE FOR MONITORING THE DRIVING BEHAVIOR OF A RAILWAY VEHICLE

which was inver	nted by me (if only one is named ASSIGNOR back below) and,	pelow) or us (if plural
	which was filed in the United States Patent and Trad, and assigned Application No.	demark Office on,
$\boxtimes$	which was based upon and relies for priority on the application PCT/EP2010/063488, filed 14 September 14 September 14 September 15 or priority on the application PCT/EP2010/063488, filed 14 September 15 or priority on the application PCT/EP2010/063488, filed 14 September 15 or priority on the application PCT/EP2010/063488, filed 14 September 15 or priority on the application PCT/EP2010/063488, filed 14 September 15 or priority on the application PCT/EP2010/063488, filed 14 September 15 or priority on the application PCT/EP2010/063488, filed 14 September 15 or priority on the application PCT/EP2010/063488, filed 14 September 15 or priority on the application PCT/EP2010/063488, filed 14 September 15 or priority or prio	corresponding PCT ber 2010,
$\boxtimes$	which was based upon and relies for priority on German Application No. 10 2009 041 823.7, filed on 18 September 2009,	
to the follo	owing (hereinafter called ASSIGNEE(S)):	
NAMI	OF ASSIGNEE COUNTRY AND TYPE OF BUSINESS	HEADQUARTERS ADDRESS
KNORR-I FÜR SCH	ORGANIZATION  BREMSE SYSTEME German company IENENFAHRZEUGE GMBH	Moosacher Str. 80 80809 Munich

This assignment conveys to the above-identified ASSIGNEE(S), its successors and assigns or other legal representatives all my rights, title and interest, in the above-identified invention including all United States Patent Applications, United States Letters Patent which may be granted therefor, and all divisionals, continuations, and extensions thereof, and any corresponding foreign Letters Patent whether applied for or granted, the interest being the entire ownership of the Letters Patent, to be held and enjoyed by the ASSIGNEE(S), its successors, assigns or other legal representatives, to the full end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, reviewed or reissue applications or in any amendment, extension, or interference

proceedings, as well as any papers necessary to procure foreign Letters Patents on the invention, or otherwise to secure the title thereto in the ASSIGNEE(S);

And I do hereby authorize and request the Commissioner of Patents to issue the Letters Patent to the ASSIGNEE(S).

INVENTOR: Citizenship: Post Office Address/ Residence:	Frank GÜNTHER DE Feldmochinger Str. 57 80993 Munich GERMANY
(Date)	(Signature)
INVENTOR: Citizenship: Post Office Address/ Residence:	Jörg-Johannes WACH DE Dorfstr. 5 81247 Munich GERMANY
(Date)	(Signature)
INVENTOR: Citizenship: Post Office Address/ Residence:	Ulf FRIESEN DE Bürgermeister-Schneider-Weg 23 85579 Neubiberg GERMANY
24 04 2012 (Date)	(Signature)
INVENTOR: Citizenship: Post Office Address/ Residence:	Stefan SEDLMAIR DE Rassosiedlung 13 82284 Grafrath GERMANY
(Date)	(Signature)

2 of 2

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor. I hereby sell and assign all my rights, title and interest, in and for the United States of America and all foreign countries, in and to the invention entitled:

# METHOD AND DEVICE FOR MONITORING THE DRIVING BEHAVIOR OF A RAILWAY VEHICLE

	ented by me (if only med below) and,	one is named ASSIGNOR	below) or us (if plural
	which was filed in the United States Patent and Trademark Office on, and assigned Application No,		
$\boxtimes$	which was based upon and relies for priority on the corresponding PCT application PCT/EP2010/063488, filed 14 September 2010.  which was based upon and relies for priority on German Application No. 10 2009 041 823.7, filed on 18 September 2009,		
$\boxtimes$			
to the foll	owing (hereinafter call	ed ASSIGNEE(S)):	
NAM	E OF ASSIGNEE	COUNTRY AND TYPE OF BUSINESS ORGANIZATION	HEADQUARTERS ADDRESS
	BREMSE SYSTEME IENENFAHRZEUGE GMBH	German company	Moosacher Str. 80 80809 Munich

This assignment conveys to the above-identified ASSIGNEE(S), its successors and assigns or other legal representatives all my rights, title and interest, in the above-identified invention including all United States Patent Applications, United States Letters Patent which may be granted therefor, and all divisionals, continuations, and extensions thereof, and any corresponding foreign Letters Patent whether applied for or granted, the interest being the entire ownership of the Letters Patent, to be held and enjoyed by the ASSIGNEE(S), its successors, assigns or other legal representatives, to the full end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference

proceedings, as well as any papers necessary to procure foreign Letters Patents on the invention, or otherwise to secure the title thereto in the ASSIGNEE(S);

And I do hereby authorize and request the Commissioner of Patents to issue the Letters Patent to the ASSIGNEE(S).

Frank GÜNTHER **INVENTOR:** Citizenship: DE Post Office Address/ Feldmochinger Str. 57 80993 Munich Residence: **GERMANY** (Signature) (Date) Jörg-Johannes WACH **INVENTOR:** DE Citizenship: Dorfstr. 5 Post Office Address/ 81247 Munich Residence: **GERMANY** (Signature) (Date) **UIFFRIESEN INVENTOR:** Citizenship: Bürgermeister-Schneider-Weg 23 Post Office Address/ Residence: 85579 Neubiberg **GERMANY** (Signature) (Date) Stefan SEDLMAIR INVENTOR: Citizenship: DE Rassosiedlung 13 Post Office Address/ 82284 Grafrath Residence: **GERMANY** 22.3.2012 (Date)

2 of 2