

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                                  |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                                      |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>                           |
| KARL KASTNER  | 05/09/2014                                      |
| ACHIM BRAUN   | 05/09/2014                                      |
| RALF FURTWANGLER  | 05/09/2014                                      |
| OLIVER RIEDIGER   | 05/09/2014                                      |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | KNORR-BREMSE SYSTEME FUR SCHIENENFAHRZEUGE GMBH |
| <b>Street Address:</b>  | MOOSACHER STR. 80                               |
| <b>City:</b>  | MUNICH  |
| <b>State/Country:</b>   | GERMANY   |
| <b>Postal Code:</b>   | 80809   |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>                                   |
| <b>Application Number:</b>  | 14355086  |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (202)289-1330                                   |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> |   |
| <b>Phone:</b>   | 202-289-1313                                    |
| <b>Email:</b>   | cunderwood@btlaw.com                            |
| <b>Correspondent Name:</b>  | BARNES & THORNBURG LLP (DC)                     |
| <b>Address Line 1:</b>  | 1717 PENNSYLVANIA AVENUE N.W., SUITE 500        |
| <b>Address Line 4:</b>  | WASHINGTON, DISTRICT OF COLUMBIA 20006          |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 566/555362                                      |
| <b>NAME OF SUBMITTER:</b>   | CHRISTINE H. MCCARTHY                           |
| <b>SIGNATURE:</b>   | /Christine H. McCarthy/                         |
| <b>DATE SIGNED:</b>   | 05/16/2014                                      |
| <b>Total Attachments: 2</b>   |   |
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| source=555362assignment#page2.tif   |   |

**ASSIGNMENT OF GLOBAL PATENT RIGHTS**

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:

**UNIT HAVING A SWITCHING FUNCTION FOR ETHERNET**

which was invented by me (if only one is named ASSIGNOR below) or us (if plural inventors are named 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/EP2012/071445**, filed **30 October 2012**,
- ☒ which was based upon and relies for priority on German Application No. **10 2011 117 589.3**, filed on **3 November 2011**,

to the following (hereinafter called **ASSIGNEE(S)**):

| NAME OF ASSIGNEE                                      | COUNTRY AND TYPE<br>OF BUSINESS<br>ORGANIZATION | HEADQUARTERS<br>ADDRESS                      |
|---|---|--|
| KNORR-BREMSE SYSTEME<br>FÜR SCHIENENFAHRZEUGE<br>GMBH | German company                                  | Moosacher Str. 80<br>80809 Munich<br>GERMANY |

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:**  
Post Office Address:/  
Residence

Karl KASTNER  
Sentlostr. 36  
81477 Munich  
GERMANY

09.05.2014  
(Date)

Karl Kastner  
(Signature)

**INVENTOR:**  
Post Office Address:/  
Residence

Achim BRAUN  
Noackstr. 4  
82152 Planegg  
GERMANY

9.5.2014  
(Date)

[Signature]  
(Signature)

**INVENTOR:**  
Post Office Address:/  
Residence

Ralf FURTWÄNGLER  
Stroblstr. 24  
80689 Munich  
GERMANY

09.05.2014  
(Date)

[Signature]  
(Signature)

**INVENTOR:**  
Post Office Address:/  
Residence

Oliver RIEDIGER  
Stadelberstr. 16  
81547 Munich  
GERMANY

09.05.2014  
(Date)

[Signature]  
(Signature)