504202939 01/30/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RALPH-CARSTEN LÜLFING	11/02/2016
ROBERT OTREMBA	11/02/2016
STEFAN REHLING	11/05/2016
HARTMUT SCHAPPLER	11/02/2016

RECEIVING PARTY DATA

Name:	WABCO GMBH
Street Address:	AM LINDENER HAFEN 21
City:	HANNOVER
State/Country:	GERMANY
Postal Code:	30453

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15500278

CORRESPONDENCE DATA

Fax Number: (734)994-6331

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 734-302-6000

Email: kmakin@brinksgilson.com

Correspondent Name: BGL/ANN ARBOR

Address Line 1: **524 SOUTH MAIN STREET**

Address Line 2: SUITE 200

Address Line 4: ANN ARBOR, MICHIGAN 48104

ATTORNEY DOCKET NUMBER:	15243-045(2014P00044WOUS)	
NAME OF SUBMITTER:	GERLINDE M. NATTLER	
SIGNATURE: /Gerlinde Nattler/		
DATE SIGNED:	01/30/2017	

Total Attachments: 4

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PATENT REEL: 041122 FRAME: 0323 504202939

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PATENT REEL: 041122 FRAME: 0324

ASSIGNMENT

WHEREAS, <u>Ralph-Carsten LÜLFING</u>, <u>Robert OTREMBA</u>, <u>Stefan REHLING</u>, and <u>Hartmut SCHAPPLER</u>, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled <u>BRAKE PRESSURE MODULATOR OF AN ELECTRONIC BRAKING SYSTEM OF A UTILITY VEHICLE</u>, executed by Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, <u>WABCO GmbH</u>, a corporation having a place of business at <u>Am Lindener Hafen 21, 30453 Hannover, GERMANY</u>, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below:

NOW, THEREFORE, for valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the

- 1 -

prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:	November 02, 2016		_
DATED:	November 02, 2016	Ralph-Carsten LULFING	
		Robert OTREMBA	_
DATED:		Stefan REHLING	_

November 02, 2016 What SCHAPPLER

ASSIGNMENT

WHEREAS, Ralph-Carsten LÜLFING, Robert OTREMBA, Stefan REHLING, and Hartmut SCHAPPLER, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled <u>BRAKE PRESSURE MODULATOR OF AN ELECTRONIC BRAKING SYSTEM OF A UTILITY VEHICLE</u>, executed by Assignors on the same date as, or on a date prior to, this Assignment;

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NOW. THEREFORE, for valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

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The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:		Ralph-Carsten LÜLFING
DATED:		Robert OTREMBA
DATED:	05.11.2016	Stofan BELLIANG
DATED:		Stefan REHLING
		Hartmut SCHAPPLER