

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL HOFFMANN	05/28/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PHOENIX CONTACT GMBH & CO. KG
<b>Street Address:</b>	FLACHSMARKTSTRASSE 8
<b>City:</b>	BLOMBERG
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	32825
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15780797
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(732)578-0104
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	732-578-0103
<b>Email:</b>	international@kbsiplaw.com
<b>Correspondent Name:</b>	KAPLAN BREYER SCHWARZ, LLP
<b>Address Line 1:</b>	100 MATAWAN ROAD
<b>Address Line 2:</b>	SUITE 100
<b>Address Line 4:</b>	MATAWAN, NEW JERSEY 07747
<b>ATTORNEY DOCKET NUMBER:</b>	9771-337US1
<b>NAME OF SUBMITTER:</b>	LAURIE TORRES
<b>SIGNATURE:</b>	/Laurie Torres/
<b>DATE SIGNED:</b>	06/05/2018
<b>Total Attachments: 1</b>	
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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE  
Assignment and Agreement

For value received, I, **Michael Hoffmann**, of Lemgo, Germany, hereby sell, assign and transfer to **Phoenix Contact GmbH & Co. KG**, having an office at Flachsmarktstrasse 8, Blomberg, 32825, Germany, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to all of the inventions disclosed and claimed in United States Patent Application Serial No. 15/780,797, filed on June 1, 2018, entitled **DEVICE FOR COUPLING TWO BUS SYSTEMS**, which is a 371 National Stage Application of PCT International Application No.: PCT/EP2016/079650, filed on December 2, 2016, which claims priority to Germany Patent Application No. 10 2015 121 104.1, filed on December 3, 2015, and all the rights and privileges in said applications and under any and all Letters Patent that may be granted in the United States for said inventions. I also concurrently hereby sell, assign and transfer to Phoenix Contact GmbH & Co. KG the entire right, title and interest in and to any and all non-provisional, divisional, continuation, continuation-in-part, substitute, reissue, and/or reexamination applications, claiming the benefit of said application and any and all Letters Patent that may issue therefrom.

I also concurrently hereby sell, assign and transfer to Phoenix Contact GmbH & Co. KG the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the patent applications aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

Because the application serial number and/or filing date of this application is not known at the time of the execution of this Assignment and Agreement, I authorize the duly-appointed attorneys of Kaplan Breyer Schwarz, LLP to insert the filing date and application serial number of this application in the above paragraph when known.

I authorize Phoenix Contact GmbH & Co. KG to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document, which may be required in any country in proof of the right of Phoenix Contact GmbH & Co. KG to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Phoenix Contact GmbH & Co. KG in the United States and in all countries foreign to the United States, or to such nominees as Phoenix Contact GmbH & Co. KG may designate.

I agree that, when requested, I shall, without charge to Phoenix Contact GmbH & Co. KG but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

  
Michael Hoffmann and Date

2018-05-28