505081647 09/06/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOF GENTE	07/24/2018
PETER ROTHACHER	07/24/2018

RECEIVING PARTY DATA

Name:	ROBERT BOSCH GMBH	
Street Address:	POSTFACH 30 02 20	
City:	STUTTGART	
State/Country:	GERMANY	
Postal Code:	70442	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15993191

CORRESPONDENCE DATA

Fax Number: (317)638-2139

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.

Phone: 3176382922

Email: docketing@maginot.com

Correspondent Name: MAGINOT, MOORE & BECK LLP
Address Line 1: ONE INDIANA SQUARE, SUITE 2200
Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER:	2178-1968	
NAME OF SUBMITTER:	CHARLES B. PHILLIPS	
SIGNATURE:	: /Charles B. Phillips/	
DATE SIGNED:	09/06/2018	

Total Attachments: 4

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PATENT 505081647 REEL: 046807 FRAME: 0164

MMB Docket No. 2178-1968 Bosch Reference: R.370618

ASSIGNMENT

Pursuant to our obligation to Robert Bosch GmbH (hereinafter referred to as "Assignee"), a German corporation having a mailing address at:

> Postfach 30 02 20 70442 Stuttgart **GERMANY**

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Christof Gente Kiefernweg 1b 21379 Echern Germany

Peter Rothacher Sperlingweg 6 76646 Bruchsal Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, except as set forth below, our entire right, title and interest -

- (1) in and to an invention entitled "Brake Lining Arrangement, Method" for which we have executed a United States patent application, said United States application being assigned U.S. Serial No. 15/993,191 filed on May 30, 2018, and which is disclosed in German Patent Application No. 10 2017 209 116.9, filed on May 31, 2017;
- (2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), reissue applications, and international patent applications designating the United States) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted; and

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(3) in and to all patent applications on said invention now or hereafter filed in countries

foreign to the United States of America, including patent applications filed under the Patent

Cooperation Treaty, the European Patent Convention or any other international treaty, and

including the right to claim priority of said United States application, and in and to any and all

patents granted on said applications to the full end of the terms for which said patents may be

granted.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and

without further consideration to us, execute any and all papers that may be necessary, or deemed

by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and

purposes of this Assignment, it being understood that any expense incident to the execution of

such papers shall be paid by Assignee, its successors and assigns, and not by us.

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Christof Gente

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Date

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RECORDED: 09/06/2018