505243092 12/18/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TONI FRENZEL	12/04/2018
BERND STOEHR	12/07/2018
STEFFEN ZECHMEISTER	12/07/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16210211

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ATTORNEY DOCKET NUMBER:	2178-2001
NAME OF SUBMITTER:	PAUL J. MAGINOT
SIGNATURE:	/Paul J. Maginot/
DATE SIGNED:	12/18/2018

Total Attachments: 5

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PATENT 505243092 REEL: 047809 FRAME: 0390

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PATENT REEL: 047809 FRAME: 0391

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:

Toni Frenzel Max-Planck-Strasse 14-4 74081 Heilbronn Germany

Bernd Stoehr Goethestr. 56 74343 Sachsenheim Germany

Steffen Zechmeister

Germany

-Koenigsbergerstr. 25 Hermann - Schöll - Wey 4
74078-Heilbronn 74206 Bad Wimples

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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 "Method and Device for a Highly Available Automatic Parking Brake" for which we have executed a United States patent application, said United States application being assigned U.S. Serial No. 16/210,211 filed on December 5, 2018 (We hereby authorize Assignee to insert the serial number and filing date in the preceding blanks) and which is disclosed in German Patent Application No. 10 2017 222 484.3, filed on December 12, 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

(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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PATENT

Jon's Vom's

Jon' Date 04.12.2018

Toni Frenzel

1<u>C Date</u> 7.12.2018

<u> 44 /45</u> Date <u>2.12.18</u>

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