PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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DIETMAR KRATZER	12/03/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16082069

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ATTORNEY DOCKET NUMBER:	2178-1927	
NAME OF SUBMITTER:	PAUL J. MAGINOT	
SIGNATURE:	/Paul J. Maginot/	
DATE SIGNED:	02/26/2019	

Total Attachments: 4

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PATENT 505345861 REEL: 048436 FRAME: 0590

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:

Anton Paweletz Pecserstrasse 52 70736 Fellbach Germany

Dietmar Kratzer Gartenstrasse 18 71732 Tamm 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 "Piston Pump" for which we have executed a United States patent application, said United States application being assigned U.S. Serial No. 16/082,069 and which is disclosed in Patent Cooperation Treaty Application No. PCT/EP2017/053696, filed on February 17, 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.

REEL: 048436 FRAME: 0592

- Shake Taddele .

-12/03/2014

Date

Dietmar Kratzer

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