

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Dinerman</td> <td>04/02/2012</td> </tr> <tr> <td>Friedrich Mueller</td> <td>04/16/2012</td> </tr> <tr> <td>Anton Fritz</td> <td>05/10/2012</td> </tr> <tr> <td>Dirk Foerch</td> <td>03/30/2012</td> </tr> <tr> <td>Jeorg Fricke-Schmidt</td> <td>05/02/2012</td> </tr> <tr> <td>Elmar Vier</td> <td>04/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael Dinerman	04/02/2012	Friedrich Mueller	04/16/2012	Anton Fritz	05/10/2012	Dirk Foerch	03/30/2012	Jeorg Fricke-Schmidt	05/02/2012	Elmar Vier	04/20/2012
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Robert Bosch GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Postfach 30 02 20</td> </tr> <tr> <td>City:</td> <td>Stuttgart</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>70442</td> </tr> </table>		Name:	Robert Bosch GmbH	Street Address:	Postfach 30 02 20	City:	Stuttgart	State/Country:	GERMANY	Postal Code:	70442				
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CORRESPONDENCE DATA															
<p>Fax Number: (317)638-2139</p> <p>Phone: (317)638-2922</p> <p>Email: docketing@maginot.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Maginot, Moore & Beck LLP</p> <p>Address Line 1: 111 Monument Circle, Suite 3250</p> <p>Address Line 4: Indianapolis, INDIANA 46204</p>															
ATTORNEY DOCKET NUMBER:	2178-0092														

NAME OF SUBMITTER:

Paul J. Maginot

Total Attachments: 8

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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:

Michael Dinerman
Halbmondstr. 1
74072 Heilbronn
Germany

Friedrich Mueller
Auf Der Breite 11
87509 Immenstadt
Germany

Anton Fritz
Sigiswang 2
87527 Ofterschwang
Germany

Dirk Foerch
Birkenstr. 2
74196 Neuenstadt/Stein
Germany

Joerg Fricke-Schmidt
Charleston Plant
Charleston, SC 29418-2906
United States

Elmar Vier
Kuehaecker 11
71691 Freiberg A. N.
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 "Valve Insert for a Valve Cartridge, Corresponding Valve Cartridge for a Solenoid Valve, Solenoid Valve Having Said Valve Cartridge and Method for Producing a Valve Insert" for which we have executed a United States patent application, said United States application being assigned U.S. Serial No. 13/513,723 filed on July 4, 2012 (We hereby authorize Assignee to insert the serial number and filing date in the preceding blanks) and which is disclosed in Patent Cooperation Treaty Application No. PCT/EP2010/063085, filed on September 7, 2010;

(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

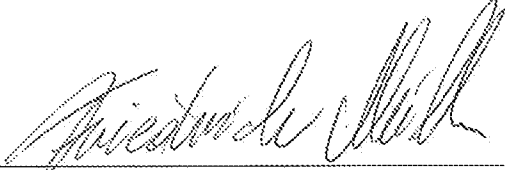
(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international treaty, and including the right to claim 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.



Michael Dinerman

Date X 02.04.2012



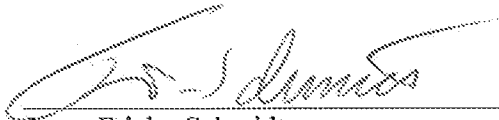
Friedrich Mueller

Date

Feb. 4. 2012

X Anton Fritz Date X 10.5.12
Anton Fritz

Dirk Ford Date 30.03.12
Dirk Foersch


Joerg Fricke-Schmidt

Date 2. May 2012

X Elmar Vier Date X 20.04.2012