

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Thomas BLEILE</td> <td>06/17/2013</td> </tr> <tr> <td>Patrick MENOLD</td> <td>06/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Thomas BLEILE	06/17/2013	Patrick MENOLD	06/18/2013				
Name	Execution Date										
Thomas BLEILE	06/17/2013										
Patrick MENOLD	06/18/2013										
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>FEDERAL REPUBLIC 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:	FEDERAL REPUBLIC GERMANY	Postal Code:	70442
Name:	Robert Bosch GmbH										
Street Address:	Postfach 30 02 20										
City:	Stuttgart										
State/Country:	FEDERAL REPUBLIC GERMANY										
Postal Code:	70442										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13909750</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13909750						
Property Type	Number										
Application Number:	13909750										
CORRESPONDENCE DATA											
<p>Fax Number: 2124255288  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 212-425-7200        Email: rhannan@kenyon.com        Correspondent Name: KENYON &amp; KENYON LLP        Address Line 1: ONE BROADWAY        Address Line 4: NEW YORK, NEW YORK 10004</p>											
ATTORNEY DOCKET NUMBER:	10191/7917										
NAME OF SUBMITTER:	Gerard A. Messina										
Signature:	/Gerard A. Messina/										
Date:	08/30/2013										

OP \$40.00 13909750

Total Attachments: 4  
source=ass#page1.tif  
source=ass#page2.tif  
source=ass#page3.tif  
source=ass#page4.tif

ASSIGNMENT

WHEREAS, we,

**Thomas BLEILE**  
**Burenstr. 29**  
**DE-70435 Stuttgart**  
**Federal Republic of Germany**  
**Citizenship: Federal Republic of Germany**

and

**Patrick MENOLD**  
**Schafgaerten 26**  
**DE-70619 Stuttgart**  
**Federal Republic of Germany**  
**Citizenship: Federal Republic of Germany**

have made inventions and discoveries in **METHOD AND DEVICE FOR DIAGNOSING AN ACTUATOR FOR AN EXHAUST-GAS-DRIVEN SUPERCHARGER**, for which an application was filed at the United States Patent and Trademark Office under U.S. Serial No. 13/909,750 on June 4, 2013; and

WHEREAS ROBERT BOSCH GMBH, having a place of business at Postfach 30 02 20, 70442 Stuttgart, Federal Republic of Germany, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries, including all divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to

issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this  
X 17 day of X June, 2013.

X Thomas Bleile  
Thomas BLEILE

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this  
x 18 day of x June, 2013.

x Patrick Menold  
Patrick MENOLD