

## 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>Craig Magera</td> <td>03/08/2013</td> </tr> <tr> <td>Claus Schnabel</td> <td>03/08/2013</td> </tr> <tr> <td>David Boyd</td> <td>03/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	Craig Magera	03/08/2013	Claus Schnabel	03/08/2013	David Boyd	03/08/2013		
Name	Execution Date										
Craig Magera	03/08/2013										
Claus Schnabel	03/08/2013										
David Boyd	03/08/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Robert Bosch LLC</td> </tr> <tr> <td>Street Address:</td> <td>2800 South 25th Avenue</td> </tr> <tr> <td>City:</td> <td>Broadview</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60155</td> </tr> </table>		Name:	Robert Bosch LLC	Street Address:	2800 South 25th Avenue	City:	Broadview	State/Country:	ILLINOIS	Postal Code:	60155
Name:	Robert Bosch LLC										
Street Address:	2800 South 25th Avenue										
City:	Broadview										
State/Country:	ILLINOIS										
Postal Code:	60155										
<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>D-70442</td> </tr> </table>		Name:	Robert Bosch GmbH	Street Address:	Postfach 30 02 20	City:	Stuttgart	State/Country:	GERMANY	Postal Code:	D-70442
Name:	Robert Bosch GmbH										
Street Address:	Postfach 30 02 20										
City:	Stuttgart										
State/Country:	GERMANY										
Postal Code:	D-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>13835897</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13835897						
Property Type	Number										
Application Number:	13835897										
CORRESPONDENCE DATA											
Fax Number:	4142770656										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	414-271-6560										
Email:	mkeipdocket@michaelbest.com										
Correspondent Name:	MICHAEL BEST & FRIEDRICH LLP (Bosch)										
Address Line 1:	100 EAST WISCONSIN AVENUE										
Address Line 4:	MILWAUKEE, WISCONSIN 53202										

OP \$40.00 13835897

ATTORNEY DOCKET NUMBER:	081276-9624-US01 #8021
NAME OF SUBMITTER:	Jodi Anderson
<b>Total Attachments: 3</b> source=12663793_081276-9624-US01_-_Assignment_-_AS_FILED#page1.tif source=12663793_081276-9624-US01_-_Assignment_-_AS_FILED#page2.tif source=12663793_081276-9624-US01_-_Assignment_-_AS_FILED#page3.tif	

## ASSIGNMENT

Pursuant to our obligation to Robert Bosch LLC (hereinafter referred to as "Assignee"), a Delaware limited liability company having its principal place of business at:

2800 South 25th Avenue  
Broadview, IL 60155

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

Craig Magera  
1 Red Gate Court  
Simpsonville, SC 29680

Claus Schnabel  
7122 Cliffwood Court  
Fenton, MI 48430

David Boyd  
240 Pimlico Road  
Greenville, SC 29607

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 inventions described in a patent application titled "INTAKE GAS SENSOR FOR INTERNAL COMBUSTION ENGINE" for which we filed United States Patent Application No. 13/835,897, (Atty. File No. 081276-9624-US01) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 61/739,949, filed December 20, 2012 and United States Provisional Patent Application No. 61/739,959, filed December 20, 2012 (hereinafter the "U.S. provisional patent applications");

(2) in and to the U.S. utility patent application, and the U.S. provisional patent applications, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon

said invention, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;

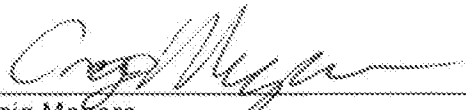
(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international treaty, and including the right to claim priority of said U.S. utility patent application and said U.S. provisional patent applications, 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 authorize the assignee or attorney of record to insert in the appropriate place in this document the application number of our application after execution of this Assignment. 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.

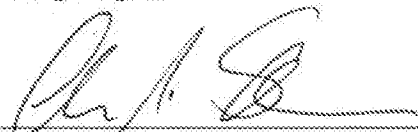
The foregoing notwithstanding, and in recognition of the fact that Assignee is part of the Bosch group of companies, we hereby assign to Robert Bosch GmbH, a German corporation having a mailing address at Postfach 30 02 20, D-70442 Stuttgart, GERMANY, the limited right to be named as assignee or applicant at the time of publication and at the time of issue on any applications or patents granted as referred to in foregoing paragraphs (2) and (3). If the right applicable to any such patent application allows an assignee to be the applicant of the patent application, Robert Bosch GmbH shall have the right to be identified as applicant of the patent application and the right to claim priority of said U.S. utility patent application and said U.S. provisional patent

applications. This limited right granted to Robert Bosch GmbH with respect to any patent application or granted patent shall expire upon the first-occurring of (i) assignment to a third party of any of the above-mentioned rights of Assignee, or (ii) with respect to any particular patent, issue of such patent, and shall be subsequently part of the assignable rights of Assignee. All other rights to said invention, said applications and said patents, U.S. or foreign, including the right under any of said patents to manufacture, use, sell or offer for sale the invention covered by said patents, or to license or permit use of said invention, remain with Assignee and shall be assignable by Assignee without the consent of Robert Bosch GmbH.

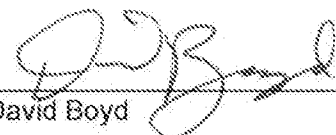
3/8/2013  
Date

  
Craig Magera

3/8/2013  
Date

  
Claus Schnabel

3/8/2013  
Date

  
David Boyd