

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sabine ROESCH	08/11/2010
Benjamin GAERTNER	08/11/2010
Johannes GRABIS	08/17/2010
Alexander HETZNECKER	08/11/2010
Thorsten OCHS	08/12/2010
Henrik SCHITTENHELM	08/12/2010
RECEIVING PARTY DATA	
Name:	Robert Bosch GmbH
Street Address:	Postfach 30 02 20
City:	Stuttgart
State/Country:	GERMANY
Postal Code:	70442
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12851124
CORRESPONDENCE DATA	
Fax Number:	(612)332-9081
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	612.332.5300
Email:	ccaron@merchantgould.com
Correspondent Name:	Julie R. Daulton
Address Line 1:	P.O. BOX 2903
Address Line 2:	Merchant & Gould P.C.
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0910
ATTORNEY DOCKET NUMBER:	15407.298US01

OP \$40.00 12851124

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**PATENT
 REEL: 025141 FRAME: 0341**

NAME OF SUBMITTER:

Julie R. Daulton

Total Attachments: 2

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R. 328721

INSTRUCTIONS

US ASSIGNMENT TO CORPORATION

WHEREAS,

Inventor(s) Name,
Address, Citizenship

1. Sabine ROESCH residing at Im Brechloch 5 DE-71254 Ditzingen, Germany and a citizen of Germany;
2. Benjamin GAERTNER residing at Nachtigallenweg 9 DE-76149 Neureut, Germany and a citizen of Germany;
3. Johannes GRABIS residing at Germanenweg 12 DE-71272 Renningen, Germany and a citizen of Germany;
4. Alexander HETZNECKER residing at Breite Str. 101 DE-76135 Karlsruhe, Germany and a citizen of Germany;
5. Thorsten OCHS residing at Stammheimer Str. 43 DE-71701 Schwieberdingen, Germany and a citizen of Germany;
6. Henrik SCHITTENHELM residing at Gaisburgstr. 33 DE-70182 Stuttgart, Germany and a citizen of Germany;

Check the appropriate box and fill in the requested information:

- select the first check box if the application is a national stage of a PCT application and provide the international application number and filing date before sending the assignment for execution;
- select the second check box if the application will be filed without the executed assignment - once the assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before recordation;
- select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution; or
- select the fourth check box if the application will be filed with the application.

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled METHOD AND DEVICE FOR THE SELF-DIAGNOSIS OF A PARTICLE SENSOR and which:

- is the national stage application of International Application No. _____ filed on _____;
- will be filed without this executed PATENT ASSIGNMENT. THE UNDERSIGNED hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Merchant & Gould PC, who are associated with customer number 23552, to insert here in parenthesis (U. S. Serial No. _____, filed _____) this application's U.S. Serial Number and filing date, when known:
- was filed on 5 August 2010 and was given U.S. Serial No. 12/851,124; or
- is filed concurrently herewith;

Name of Corporation

AND WHEREAS Robert Bosch GMBH (herein called "ASSIGNEE"), a corporation organized under the laws of GERMANY, and having an office and place of business at Postfach 30 02 20 70442 Stuttgart GERMANY

State or Country of
Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is

hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

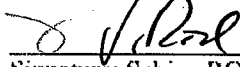
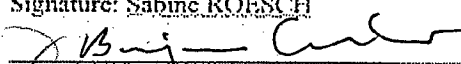
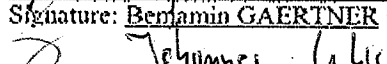

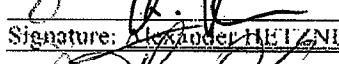

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date

Note: No legalization or other witness required

	<u>11.08.10</u>
Signature: Sabine ROESCH	Date
	<u>11.08.10</u>
Signature: Benjamin GAERTNER	Date
	<u>17.08.10</u>
Signature: Johannes GRABIS	Date
	<u>11.08.10</u>
Signature: Alexander HELZNECKER	Date
	<u>12.08.10</u>
Signature: Thorsten OCHS	Date
	<u>12.08.2010</u>
Signature: Henrik SCHITTENHELM	Date