

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>Markus ULM</td> <td>03/22/2010</td> </tr> <tr> <td>Michael STRUCHHOLZ</td> <td>03/22/2010</td> </tr> <tr> <td>Tristan JOBERT</td> <td>03/29/2010</td> </tr> <tr> <td>Klaus OFFTERDINGER</td> <td>03/22/2010</td> </tr> <tr> <td>Thomas KLAUS</td> <td>03/22/2010</td> </tr> <tr> <td>Christian GERHARDT</td> <td>03/23/2010</td> </tr> <tr> <td>Florian GRABMAIER</td> <td>03/22/2010</td> </tr> <tr> <td>Dirk DITTMANN</td> <td>03/22/2010</td> </tr> </tbody> </table>		Name	Execution Date	Markus ULM	03/22/2010	Michael STRUCHHOLZ	03/22/2010	Tristan JOBERT	03/29/2010	Klaus OFFTERDINGER	03/22/2010	Thomas KLAUS	03/22/2010	Christian GERHARDT	03/23/2010	Florian GRABMAIER	03/22/2010	Dirk DITTMANN	03/22/2010
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Dirk DITTMANN	03/22/2010																		
RECEIVING PARTY DATA																			
Name:	Robert Bosch GmbH																		
Street Address:	Postfach 30 02 20																		
City:	Stuttgart																		
State/Country:	FEDERAL REPUBLIC GERMANY																		
Postal Code:	DE-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>12657751</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12657751														
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CORRESPONDENCE DATA																			
Fax Number:	(212)425-5288																		
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ATTORNEY DOCKET NUMBER:	10191/6086																		

OP \$40.00 12657751

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PATENT
REEL: 024204 FRAME: 0134

NAME OF SUBMITTER:

Gerard A. Messina

Total Attachments: 11

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[10191/6086]

ASSIGNMENT

WHEREAS, we,

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Federal Republic of Germany
Citizenship: Federal Republic of Germany

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Florian GRABMAIER
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Citizenship: Federal Republic of Germany

and

Dirk DITTMANN
Werner Heissenberg Str. 5
DE-76344 Eggenstein
Federal Republic of Germany
Citizenship: Federal Republic of Germany

have made certain new and useful inventions and discoveries in **SENSOR DEVICE**, for which an application for Letters Patent was filed with the United States Patent and Trademark Office on January 26, 2010, Serial No. 12/657,751; and

WHEREAS **Robert Bosch GmbH**, having a place of business at **Postfach 30 02 20, DE-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 of the United States of America, 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.

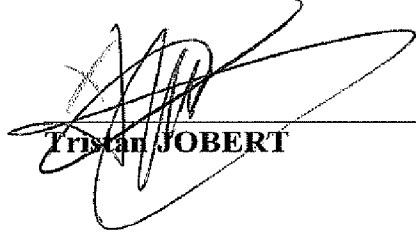
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 22nd day of March, 2010.

Markus ULM
Markus ULM

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 22nd day of
march, 2010.


Michael STRUCHHOLZ

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 29 day of March, 2010.


Tristan JOBERT

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 22 day of March, 2010.

X K. Offterdinger
Klaus OFFTERDINGER

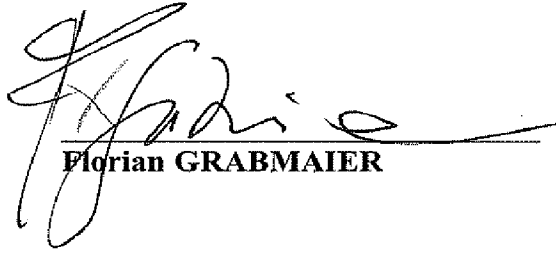
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 22 day of March, 2010.

X 
Thomas KLAUS

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 23 day of March, 2010.


Christian GERHARDT

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 22 day of 03, 2010.


Florian GRABMAIER

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this X 22 day of
X 03, 2010.

X d. Dittmann
Dirk DITTMANN