

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Reinhard NOPPER</td> <td>01/21/2010</td> </tr> <tr> <td>Denis GUGEL</td> <td>01/21/2010</td> </tr> <tr> <td>Andreas ARLT</td> <td>01/28/2010</td> </tr> <tr> <td>Klaus WALTER</td> <td>01/18/2010</td> </tr> <tr> <td>Frank SCHATZ</td> <td>01/21/2010</td> </tr> <tr> <td>Janpeter WOLFF</td> <td>01/25/2010</td> </tr> </tbody> </table>		Name	Execution Date	Reinhard NOPPER	01/21/2010	Denis GUGEL	01/21/2010	Andreas ARLT	01/28/2010	Klaus WALTER	01/18/2010	Frank SCHATZ	01/21/2010	Janpeter WOLFF	01/25/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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>DE-70442</td> </tr> </table>		Name:	Robert Bosch GmbH	Street Address:	Postfach 30 02 20	City:	Stuttgart	State/Country:	FEDERAL REPUBLIC GERMANY	Postal Code:	DE-70442				
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CORRESPONDENCE DATA															
<p>Fax Number: (212)425-5288</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: amagracia@kenyon.com</p> <p>Correspondent Name: Gerard A. Messina</p> <p>Address Line 1: Kenyon & Kenyon LLP</p> <p>Address Line 2: One Broadway</p> <p>Address Line 4: New York, NEW YORK 10004-1007</p>															
ATTORNEY DOCKET NUMBER:	10191/6108														
NAME OF SUBMITTER:	Gerard A. Messina														

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PATENT
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[10191/6108]

ASSIGNMENT

WHEREAS, we,

Reinhard NOPPER
Vorhofstr. 12
DE-71254 Ditzingen
Federal Republic of Germany
Citizenship: German

Denis GUGEL
Bruhweg 11
DE-70839 Gerlingen
Federal Republic of Germany
Citizenship: German

Andreas ARLT
Wilhelm-Kopf-Str. 44
DE-71672 Marbach
Federal Republic of Germany
Citizenship: German

Klaus WALTER
~~Ziegelbergstr. 16~~ *Eutenacker 33* *18.1.2010*
DE-74321 Bietigheim-Bissingen
Federal Republic of Germany
Citizenship: German

Frank SCHATZ
Tellstr. 29
DE-70806 Kornwestheim
Federal Republic of Germany
Citizenship: German

Janpeter WOLFF
Panoramastr. 117
DE-70839 Gerlingen
Federal Republic of Germany
Citizenship: German

have made certain new and useful inventions and discoveries in **SENSOR SYSTEM HAVING A MAGNETOELASTIC DEFORMATION ELEMENT**, for which an application for Letters Patent was filed in the United States Patent and Trademark Office on November 24, 2009, Serial No. 12/624,580; and

WHEREAS **Robert Bosch GmbH**, having a place of business at **Postfach 30 02 20, D-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 said inventions and discoveries, said patent applications, and 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, we have hereunto set our hands and seals this
21 day of January, 2020.

Reinhard Nopper
Reinhard NOPPER

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals this
21 day of January, 2010.

Denis Gugel
Denis GUGEL

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals this
28 day of January, 2010.

Andreas ARLT
Andreas ARLT

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals this
18 day of January, 2010.



Klaus WALTER

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals this
21 day of January, 2010

F. Schatz
Frank SCHATZ

25 IN TESTIMONY WHEREOF, we have hereunto set our hands and seals this
day of January, 2010.


Janpeter WOLFF