### PATENT ASSIGNMENT

**SUBMISSION TYPE:** NEW ASSIGNMENT  
**NATURE OF CONVEYANCE:** ASSIGNMENT  

#### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anton Dukart</td>
<td>04/04/2007</td>
</tr>
<tr>
<td>Thorsten Sohnke</td>
<td>04/11/2007</td>
</tr>
<tr>
<td>Mirko Ruhs</td>
<td>04/11/2007</td>
</tr>
</tbody>
</table>

#### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name: Robert Bosch GmbH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address: Postfach 30 02 20</td>
</tr>
<tr>
<td>City: Stuttgart</td>
</tr>
<tr>
<td>State/Country: FEDERAL REPUBLIC GERMANY</td>
</tr>
<tr>
<td>Postal Code: D-70442</td>
</tr>
</tbody>
</table>

**PROPERTY NUMBERS Total: 1**

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<tr>
<th>Property Type</th>
<th>Number</th>
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<tbody>
<tr>
<td>Application Number</td>
<td>11661718</td>
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#### CORRESPONDENCE DATA

Fax Number: (212)425-5288  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Email: amagracia@kenyon.com  
Correspondent Name: Gerard A. Messina  
Address Line 1: Kenyon & Kenyon LLP  
Address Line 2: One Broadway  
Address Line 4: New York, NEW YORK 10004-1007

**ATTORNEY DOCKET NUMBER:** 10191/4656  
**NAME OF SUBMITTER:** Gerard A. Messina

Total Attachments: 5  
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source=assignment 10191-4656#page2.tif
ASSIGNMENT

WHEREAS, we,

Anton DUKART
Eichenweg 1
DE-70839 Gerlingen
Federal Republic of Germany
Citizenship: Federal Republic of Germany

Thorsten SOHNKE
Koenigsteiner Weg 11
DE-65835 Liederbach
Federal Republic of Germany
Citizenship: Federal Republic of Germany

and

Mirko RUHS
Kettelerstrasse 16
DE-64646 Heppenheim
Federal Republic of Germany
Citizenship: Federal Republic of Germany

have made certain new and useful inventions and discoveries in DEVICE FOR DETECTING A COLLISION OF A VEHICLE WITH AN OBSTACLE, for which an application for Letters Patent was filed as PCT International Application No. PCT/EP2005/053731, on August 1, 2005, 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 4th day of April, 2007.

Anton DUKART
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 14th day of
April, 2007.

[Signature]
Thorstuen SOHNKE
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this \text{April} 2007.

\begin{signature}
\text{Mirko RUHS}
\end{signature}