

PATENT ASSIGNMENT

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bernhard Opitz</td> <td>02/04/2008</td> </tr> <tr> <td>Michael Horstbrink</td> <td>02/05/2008</td> </tr> <tr> <td>Tobias Lang</td> <td>02/05/2008</td> </tr> <tr> <td>Johannes Artzner</td> <td>02/08/2008</td> </tr> </tbody> </table>		Name	Execution Date	Bernhard Opitz	02/04/2008	Michael Horstbrink	02/05/2008	Tobias Lang	02/05/2008	Johannes Artzner	02/08/2008
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RECEIVING PARTY DATA											
Name:	ROBERT BOSCH GMBH										
Street Address:	Wernerstrasse 1										
City:	Stuttgart										
State/Country:	GERMANY										
Postal Code:	70469										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12031925</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12031925						
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CORRESPONDENCE DATA											
Fax Number:	(631)549-0404										
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NAME OF SUBMITTER:	Michael J. Striker										
Total Attachments: 2 source=opitzaassign#page1.tif											

OP \$40.00 12031925

R. 314930

Attorney Docket No.: 4316

ASSIGNMENT

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below), or a joint inventor (if plural inventors are listed below), of an invention described in an application for a United States Patent entitled:

ULTRASONIC SENSOR WITH RECIPROCAL TRANSMITTING AND RECEIVING CIRCUIT


Executed by me on the date indicated next to my name and address and having the above Docket Number:

Sell and assign to **Robert Bosch GmbH**

having a business at **Wernerstrasse 1, 70469 Stuttgart, Germany**

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for a United States Patent; and in and to all applications for patent(s) for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representative all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

Signature: <i>Opitz</i>	Date: 02/04/2008	Residence and Full Postal Address: August-Laemmle-Weg 2 DE-71229 Leonberg Germany
Full Name of First or Sole Inventor: Bernhard OPITZ	Witness: <i>[Signature]</i>	
Signature: <i>Michael Horstbrink</i>	Date: 02/05/2008	Residence and Full Postal Address: Sauerlandstr. 16 DE-70469 Stuttgart-Feuerbach Germany
Full Name of Second Inventor: Michael HORSTBRINK	Witness:	
Signature: <i>Lang</i>	Date: 02/05/2008	Residence and Full Postal Address: Gutbrodstr. 38 DE-70193 Stuttgart Germany
Full Name of the Third Inventor: Tobias LANG	Witness:	

Signature: 	Date: 02/08/2008	Residence and Full Postal Address: Bismarckstr. 116/5 DE-72764 Reutlingen Germany
Full Name of Fourth Inventor: Johannes ARTZNER	Witness:	
Signature:	Date:	Residence and Full Postal Address:
Full Name of Fifth Inventor:	Witness:	
Signature:	Date:	Residence and Full Postal Address:
Full Name of Sixth Inventor:	Witness:	
Signature:	Date:	Residence and Full Postal Address:
Full Name of the Seventh Inventor:	Witness:	
Signature:	Date:	Residence and Full Postal Address:
Full Name of Eighth Inventor:	Witness:	