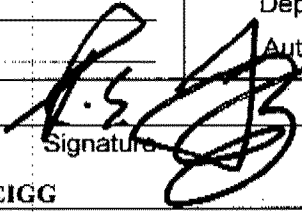


Form PTO-1595 (Rev. 12/08)
OMB No. 0651-0027 (exp. 01/31/2009)

U.S. DEPARTMENT OF COMMERCE
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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies)</p> <p>Thomas BERNHARDT Holger RUEBSAAMEN Andreas SCHLEGEL</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>Robert Bosch GmbH</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Postfach 30 02 20</u> <u>70442 Stuttgart, Germany</u></p> <p>City: _____</p> <p>State: _____</p> <p>Country: _____ Zip: _____</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s):</p> <p>Execution Date(s) <u>11/18/09, 12/02/09, 11/26/09</u></p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____</p>	<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p> <p>A. Patent Application No.(s) <u>12/601,943</u></p> <p>B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>5. Name and address to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Ronald E. Greigg</u></p> <p>Internal Address: <u>Greigg & Greigg P.L.L.C.</u></p> <p>Street Address: <u>1423 Powhatan Street</u> <u>Unit One</u></p> <p>City: <u>Alexandria</u></p> <p>State: <u>Virginia</u> Zip: <u>22314</u></p> <p>Phone Number: <u>(703) 838-5500</u></p> <p>Fax Number: <u>(703) 838-5554</u></p> <p>Email Address: _____</p>	<p>6. Total number of applications and patents involved:</p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____</p> <p><input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information</p> <p>Deposit Account Number <u>07-2100</u></p> <p>Authorized User Name <u>Ronald E. Greigg</u></p>
<p>9. Signature: _____</p> <p style="text-align: center;"> Signature</p> <p style="text-align: center;">RONALD E. GREIGG Name of Person Signing</p>	<p style="text-align: right;">Date 5 NOVEMBER 2010</p> <p>Total number of pages including cover sheet, attachments, and documents: 3</p>

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)	Docket No. R.317552																												
<i>This is an Assignment of the following rights, title and interest: (check all that apply):</i>																													
<input checked="" type="checkbox"/> <i>United States of America rights, title and interest in the invention</i>																													
<input type="checkbox"/> <i>Foreign rights, title and interest in the invention</i>																													
<input checked="" type="checkbox"/> <i>United States Patent Application Serial No.</i> 12/601,943																													
<i>Date of Execution:</i> 11/18/2009 ; 12/02/2009 <i>Date of Filing:</i> March 24, 2010																													
<input type="checkbox"/> <i>United States Provisional Patent Application Serial No.</i> _____																													
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<input type="checkbox"/> <i>International (PCT) Patent Application Serial No.</i> _____																													
<input checked="" type="checkbox"/> <i>Other (specify)</i> Date of Execution: 11/26/2009 _____																													
<i>Title of the Invention</i>																													
ELECTRICAL DEVICE																													
<i>Inventors (assignors)</i>																													
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th style="width:40%;"><i>Name</i></th><th><i>Address</i></th></tr></thead><tbody><tr><td>Thomas BERNHARDT</td><td>Tulpenweg 9, 72631 Aichtal-Groetzingen, Germany</td></tr><tr><td>Holger RUEBSAAMEN</td><td>Am Gelben Weg 5, 70188 Stuttgart, Germany</td></tr><tr><td>Andreas SCHLEGEL</td><td>Kapfstrasse 15, 70771 Leinfelden-Echterdingen, Germany</td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></tbody></table>		<i>Name</i>	<i>Address</i>	Thomas BERNHARDT	Tulpenweg 9, 72631 Aichtal-Groetzingen, Germany	Holger RUEBSAAMEN	Am Gelben Weg 5, 70188 Stuttgart, Germany	Andreas SCHLEGEL	Kapfstrasse 15, 70771 Leinfelden-Echterdingen, Germany																				
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**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.

R.317552

Whereas, we, the above-identified Inventors, have invented certain new and useful Improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

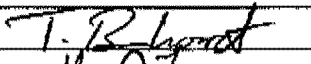
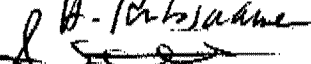
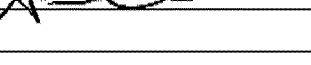
Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Thomas BERNHARDT	 18.11.2009
Holger RUEBSAAMEN	 02.12.09
Andreas SCHLEGEL	 26.11.2009