

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>Ingo Koehler</td><td>11/04/2008</td></tr><tr><td>Olaf Grotheer</td><td>11/03/2008</td></tr></tbody></table>	Name	Execution Date	Ingo Koehler	11/04/2008	Olaf Grotheer	11/03/2008	
Name	Execution Date						
Ingo Koehler	11/04/2008						
Olaf Grotheer	11/03/2008						
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>12286709</td></tr></tbody></table>	Property Type	Number	Application Number:	12286709			
Property Type	Number						
Application Number:	12286709						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	10191/5716						
NAME OF SUBMITTER:	Gerard A. Messina						
Total Attachments: 4 source=assignment 10191-5716#page1.tif source=assignment 10191-5716#page2.tif source=assignment 10191-5716#page3.tif							

OP \$40.00 12286709

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PATENT
REEL: 022031 FRAME: 0524

ASSIGNMENT

WHEREAS, we,

Ingo KOEHLER
Obere Reithausstrasse 6
DE-71634 Ludwigsburg
Federal Republic of Germany
Citizenship: German

Olaf GROTHEER
Im Vogelsang 19
DE-71638 Ludwigsburg
Federal Republic of Germany
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have made certain new and useful inventions and discoveries in **METHOD FOR DETERMINING THE TEMPERATURE OF AN ELECTRICAL COMPONENT WITH THE AID OF A TEMPERATURE MODEL**, for which an application for Letters Patent was filed with the United States Patent and Trademark Office on September 30, 2008, Serial No. 12/286,709, 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
4th day of November, 2008.


Ingo KOEHLER

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals this
3rd day of November, 2008.


Olaf GROTHEER