

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Rolf Kraemer</td> <td>11/30/2005</td> </tr> <tr> <td>Ulrich Bentel</td> <td>01/30/2006</td> </tr> <tr> <td>Bernhard Eisele</td> <td>01/30/2006</td> </tr> <tr> <td>Markus Ketterer</td> <td>02/02/2006</td> </tr> <tr> <td>Uwe Schiller</td> <td>02/09/2006</td> </tr> <tr> <td>Juergen Stein</td> <td>02/17/2006</td> </tr> </tbody> </table>		Name	Execution Date	Rolf Kraemer	11/30/2005	Ulrich Bentel	01/30/2006	Bernhard Eisele	01/30/2006	Markus Ketterer	02/02/2006	Uwe Schiller	02/09/2006	Juergen Stein	02/17/2006
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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" 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>10566916</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10566916										
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Application Number:	10566916														
CORRESPONDENCE DATA															
Fax Number:	(212)425-5288														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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Address Line 4:	New York, NEW YORK 10004-1007														
ATTORNEY DOCKET NUMBER:	10191/4415														
NAME OF SUBMITTER:	Gerard A. Messina														

CH \$40.00 10566916

Total Attachments: 8

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ASSIGNMENT

WHEREAS, we,

Rolf KRAEMER
Goerlitzer Str. 54
DE-71701 Schwieberdingen
Federal Republic of Germany
Citizenship: Federal Republic of Germany

Ulrich BENTEL
Im Schoenblick 13
DE-75446 Wiernsheim
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Citizenship: Federal Republic of Germany

Bernhard EISELE
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Federal Republic of Germany
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Markus KETTERER
Vorsteigstr. 20
DE-70193 Stuttgart
Federal Republic of Germany
Citizenship: Federal Republic of Germany

Uwe SCHILLER
Moerikestr. 6
DE-74372 Sersheim
Federal Republic of Germany
Citizenship: Federal Republic of Germany

and

Juergen STEIN
Bertha-Von-Suttner-Weg 11
DE-75428 Illingen
Federal Republic of Germany
Citizenship: Federal Republic of Germany

have made inventions and discoveries in **METHOD AND DEVICE FOR BIDIRECTIONAL SINGLE-WIRE DATA TRANSMISSION**, for which an application for Letters Patent was filed as PCT International Application No. PCT/DE2004/001388, on July 1, 2004, and

WHEREAS **ROBERT BOSCH GMBH**, having a place of business at **Postfach 30 02 20, 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 30 day of November, 2005.


Rolf KRAEMER

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal
this 30 day of January, 2006


Ulrich BENTEL

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal
this 30 day of January, 2006.

Bernhard Eisele
Bernhard EISELE

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal
this 02 day of February, 2006.




Markus KETTERER

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal
this 3 day of February, 2006



Uwe SCHILLER

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal
this 17 day of February, 2006


Juergen STEIN

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