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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
	Name: <u>Robert Bosch GmbH</u>	
Juergen BASSLER Stefan BOELL	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: Postfach 30 02 20	
3. Nature of conveyance/Execution Date(s):	70442 Stuttgart, Germany	
Execution Date(s) 11/06/2008, 10/23/2008		
☑ Assignment ☐ Merger	City:	
☐ Security Agreement ☐ Change of Name	State:	
 ☐ Joint Research Agreement ☐ Government Interest Assignment 	Country: Zip:	
☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License		
☐ Other	Additional name(s) & address(es) attached? 🔲 Yes 🗵 No	
4. Application or patent number(s):		
A. Patent Application No.(s)	B. Patent No.(s)	
11/247,228		
Additional numbers attached? [] Yes 🔀 No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Ronald E. Greigg	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address: Greigg & Greigg P.L.L.C.	Authorized to be charged by credit card	
	☐ Authorized to be charged to deposit account☐ Enclosed	
Street Address: 1423 Powhatan Street	☐ None required (government Interest not affecting title)	
Suite One	8. Payment Information	
City: Alexandria	a. Credit Card Last 4 Numbers	
State: Virginia Zip: 22314	a. Credit Caro Last 4 Numbers	
Phone Number: (703) 838-5500	b. Deposit Account Number 07-2100	
Fax Number: (703) 838-5554	Authorized User Name Ronald E. Greigg	
Email Address:	Authorized Oser Ivalite Ronau 12. Greigs	
9. Signature:	17 NOVEMBER 2008 Date	
*signature	The second secon	
RONALD E. GREIGG (Total number of pages Including cover	
Name of Person Signing		

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

PATENT REEL: 021847 FRAME: 0961

Assignee

Name	Address
Robert Bosch GmbH	Postfach 30 02 20, 70442 Stuttgart, Germany

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AS03A/REV02

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. R.39551-DIV

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 destre 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 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
Juergen BASSLER	Stefan Both 23.10.08
Stefan BOELL	_ Stefan 50th - 23.10.00
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[Page 2 of 2]

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignce)

Docket No. R.39551-DIV

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 ucknowledged;

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 filling 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
Juergen BASSLER	X for Bot 06.11. 2008
Stefan BOELL	
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PATENT REEL: 021847 FRAME: 0964

RECORDED: 11/17/2008