RECORDATION FORM COVER SHEET PATENTS ONLY  To the Director of the U.S. Patent and Trademark Officer. Please record the attached documents or the new address(es) below.  1. Name of conveying party(ies) Michael OFFENHUBER Franz LACKNER Johann SII.J.ER JOHA	Form PTO-1595 (Rev. 08/05) Doc Code: <b>R.305991</b> OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Palant and Trademark Office
1. Name of conveying party(les)   Michael OFFENHUBER   Franz LACKNER   Johann SILLER   Johan	RECORDATION FORM COVER SHEET PATENTS ONLY	
Michael OFFENHUBER Franz LACKNER Johann SILDER Olivier MARCO Name Robert Boxch GmbH Internal Address:    Name Robert Boxch GmbH   Internal Address:	To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
Internal Address:   Int	1. Name of conveying party(ies)	2. Name and address of receiving party(les)
Johann SILLER   Internal Address:   Internal	Michael OFFENHUBER	Name: Robert Bosch GmbH
3. Nature of conveyance/Execution Date(s):11/16/05   Execution Date(s) 10/18/05, 10/12/05 10/25/05   Assignment	Johann: SILLER Olivier MARCO Rainer: REITER	· · · · · · · · · · · · · · · · · · ·
Execution Date(s) 10/18/05, 10/12/05 10/25/05   Merger   Merger   Security Agreement   Change of Name   Government Interest Assignment   Executive Order 9424, Confirmatory License   Other   Additional name(s) & address(es) attached?   Yes   Mo   No   Moditional numbers attached?   Yes   Mo   Moditional numbers attached?   Yes   Mo   No   Moditional numbers attached?   Yes   Mo   No   Moditional numbers attached?   Yes   Mo   Moditional numbers attached?   Yes   Moditional numbers attac		Street Address: Postfach 30 02 20
Assignment	-	70442 Stuttgart, Germany
Joint Research Agreement		City:
Government Interest Assignment  Executive Order 9424, Confirmatory License Other  4. Application or patent number(s): A. Patent Application No.(s) 10/577,990  Additional numbers attached? ☐ Yes ☒ No  5. Name and address to whom correspondence concerning document should be mailed: Name: Ronald E. Greigg Internal Address:  Street Address: ☐ Authorized to be charged by credit card Authorized to be charged by credit card Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)  8. Payment Information a. Credit Card Last 4 Numbers ☐ Expiration Date ☐ Date ☐ Date ☐ RONALD E. GREIGG ☐ Total number of pages including ☐ Queer ☐ Total number of pages including ☐ 3		State:
Executive Order 9424, Confirmatory License		
4. Application or patent number(s):  A. Patent Application No.(s)  I 0/577,990  Additional numbers attached? ☐ Yes ☒ No  5. Name and address to whom correspondence concerning document should be mailed:  Name: Ronald E. Greigg ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)  Street Address: 1423 Powhatan Street, Suite One ☐ Authorized to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)  8. Payment Information  a. Credit Card Last 4 Numbers ☐ Expiration Date ☐ Deposit Account Number ☐ 07-2190 ☐ Authorized User Name ☐ Ronald E. Greigg ☐ Os JANUARY 2007 ☐ Date  Total number of pages including ☐ 3		
A. Patent Application No.(s)  10/577,990  Additional numbers attached?  Yes  No  5. Name and address to whom correspondence concerning document should be mailed:  Name: Ronald E. Greigg		
Additional numbers attached? Yes No  5. Name and address to whom correspondence concerning document should be mailed:  Name: Ronald E. Greigg Internal Address:  Street Address: 1423 Powhatan Street, Suite One  City: Alexandria State: Virginia Phone Number: (703) 838-5590 Fax Number: (703) 838-5554 Email Address:  Additional numbers attached? Yes No  6. Total number of applications and patents Involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 07-2100 Authorized User Name Ronald E. Greigg  9. Signature:  Total number of pages including cover	T. Application of parameters	
Additional numbers attached? Yes No  5. Name and address to whom correspondence concerning document should be mailed:  Name: Ronald E. Greigg Internal Address:  Street Address: 1423 Powhatan Street, Suite One  City: Alexandria State: Virginia Zip: 22314 Phone Number: (703) 838-5590 Fax Numb	A. Patent Application No.(s)	B. Patent No.(s)
5. Name and address to whom correspondence concerning document should be mailed:  Name: Ronald E. Greigg Internal Address:    Street Address: 1423 Powhatan Street, Suite One   City: Alexandria   State: Virginia   Zip: 22314   Phone Number: (703) 838-5500   Fax Number: (703) 838-5554   Email Address:    Signature:   Signature   S	10/577,990	
5. Name and address to whom correspondence concerning document should be mailed:  Name: Ronald E. Greigg Internal Address:    Street Address: 1423 Powhatan Street, Suite One   City: Alexandria   State: Virginia   Zip: 22314   Phone Number: (703) 838-5500   Fax Number: (703) 838-5554   Email Address:    Signature:   Signature   S		
Involved:		
Name: Ronald E. Greigg  Internal Address:  Street Address: 1423 Powhatan Street, Suite One  Street Address: 1423 Powhatan Street, Suite One  City: Alexandria State: Virginia Phone Number: (703) 838-5500  Fax Number: (703) 838-5554 Email Address:  Signature  Signature  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to deposit account  Enclosed None required (government interest not affecting title)  8. Payment Information a. Credit Card Last 4 Numbers  Expiration Date b. Deposit Account Number 07-2100  Ronald E. Greigg  Os JANUARY 2007  Date  Total number of pages including cover	5. Name and address to whom correspondence concerning document should be mailed:	involved:
Street Address: 1423 Powhatan Street, Suite One  Street Address: 1423 Powhatan Street, Suite One  City: Alexandria State: Virginia Phone Number: (703) 838-5500  Fax Number: (703) 838-5554 Email Address:  Signature:  Authorized to be charged to deposit account  Enclosed None required (government interest not affecting title)  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 07-2100  Authorized User Name Ronald E. Greigg  9. Signature:  Total number of pages including Cover		7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Street Address: 1423 Powhatan Street, Suite One  City: Alexandria State: Virginia Phone Number: (703) 838-5590 Fax Number: (703) 838-5554 Email Address:  9. Signature:  Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 07-2100  Authorized User Name Ronald E. Greigg  9. Signature:  Total number of pages including cover	Internal Address:	Authorized to be charged by credit card
Street Address: 1423 Powhatan Street, Suite One    None required (government interest not affecting title)   Section 2		
City: Alexandria State: Virginia Phone Number: (703) 838-5500 Expiration Date  b. Deposit Account Number 07-2100  Authorized User Name Ronald E. Greigg  9. Signature:  RONALD E. GREIGG  8. Payment Information  a. Credit Card Last 4 Numbers  Expiration Date  b. Deposit Account Number 07-2100  Authorized User Name Ronald E. Greigg  Total number of pages including 3		
City: Alexandria State: Virginia Phone Number: (703) 838-5500 Fax Number: (703) 838-5554 Email Address:  9. Signature:  RONALD E. GREIGG  Expiration Date  Expiration Date  b. Deposit Account Number 07-2100  Authorized User Name Ronald E. Greigg  08 JANUARY 2007  Date  Total number of pages including 3		
State: Virginia Zip: 22314 Expiration Date  Phone Number: (703) 838-5500 Expiration Date  Fax Number: (703) 838-5554	· · · · · · · · · · · · · · · · · · ·	
Phone Number: (703) 838-5500  Fax Number: (703) 838-5554  Email Address:  9. Signature:  RONALD E. GREIGG  Expiration Cate  b. Deposit Account Number  Authorized User Name  Ronald E. Greigg  08 JANUARY 2007  Date  Total number of pages including cover	State: Virginia Zip: 22314	
Fax Number: (703) 838-5554  Email Address:  9. Signature:  RONALD E. GREIGG  b. Deposit Account Number 07-2100  Authorized User Name Ronald E. Greigg  08 JANUARY 2007  Date  Total number of pages including 3		•
9. Signature:  Signature  Ronald E. Greigg  08 JANUARY 2007  Date  Total number of pages including cover	·	
9. Signature:  Signature  Total number of pages including cover	Email Address:	Authorized User Name Ronald E. Greigg
RONALD E. GREIGG  Total number of pages including gover	9. Signature: Signature	· /
	· ×	-
Manife of Carteria and Carteria	Name of Person Signing	cover

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: 018736 FRAME: 0330

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

Docket No. R.305991

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
Michael OFFENHUBER	Willand Applies 1 12 10,05
Franz LACKNER	trone 6 de 12.10.05
Johann SILLER	12.10.05
MAKER Olivier HARCO	Ofwar Marco 25.10.05
Rainer REITER	Thaine thister 16.11.05

Page 2 of 2

PATENT REEL: 018736 FRAME: 0331

**RECORDED: 01/08/2007**