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07-10-2003



102493228

ocket No.: R.41098-IP1

U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Udo DIEHL, Karsten MISCHKER,  
Uwe HAMMER, Volker BEUCHE,  
Peter LANG, Stefan REIMER**  
*1-7-03*  
Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: **Robert Bosch GmbH**  
Address: **Postfach 30 02 20, 70442 Stuttgart, Germany**  
City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_  
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4. Application number(s) or patent numbers(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
Patent Application No. Filing date  
**10/450,824 June 18, 2003**  
Additional numbers  Yes  No

6. Total number of applications and patents involved: **1**  
7. Total fee (37 CFR 3.41):.....\$ **40.00**  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
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5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **RONALD E. GREIGG**  
Registration No. **31,517**  
Address: **1423 Powhatan Street, Suite One  
Alexandria, Virginia 22314**  
City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_  
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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*  
**RONALD E. GREIGG** *[Signature]* **JULY 7, 2003**  
Name of Person Signing Signature Date  
Total number of pages including cover sheet, attachments, and **3**

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

Docket No.  
R.41098-IP1

*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;*

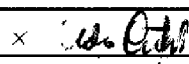


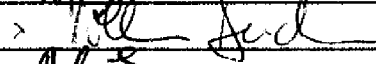
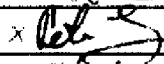
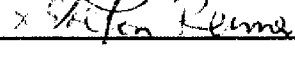
*Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;*

*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 Commissioner of Patents and Trademarks 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
Udo DIEHL	x  x 19 - MAY - 2003
Karsten MISCHKER	x  x 19 - May - 2003
Uwe HAMMER	x  x 27 - May - 2003
Volker BEUCHE	x  x 2 - June - 2003
Peter LANG	x  x 26 - May - 2003
Stefan REIMER	x  x 19 - May - 2003