

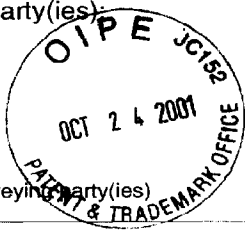
10-30-2001
101890284

Docket No.: R.38722

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Matthias HACKL
Additional names(s) of conveying party(ies) Yes No



10-24-01

2. Name and address of receiving party(ies):
Name: **Robert Bosch GmbH**
Address: **Postfach 30 02 20**
70442 Stuttgart, GERMANY
City: _____ State/Prov.: _____
Country: _____ ZIP: _____
Additional name(s) & address(es) Yes No

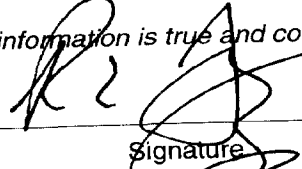
3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: **September 10, 2001**

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: **Sept. 10, 2001**
Patent Application No. Filing date B. Patent No.(s)
09/893,435 06/29/01
Additional numbers Yes No

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, Unit One**
Alexandria, VA 22314
City: _____ State/Prov.: _____
Country: _____ ZIP: _____

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
 Authorized to be charged to deposit account
8. Deposit account number:
07-2100
(Attach duplicate copy of this page if paying by deposit account)

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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  **24 October 2001**
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and
Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

10/29/2001 6TON11 00000233 072100 09893435
01 FC:581 40.00 CH

PATENT
REEL: 012286 FRAME: 0280

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

Docket No.
R.38722

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
Matthias HACKL	<i>Matthias Hackl</i> 10.08.2001