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

1. Name of conveying party(ies):
Karl-Friedrich RUESSLER Bernhard BONSE
Wolfgang BRAUN Dieter JUNGER
Joachim KURZ Roland GRONENBERG
Hubert GREIF

Additional names(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: **Robert Bosch GmbH**
Address: **Postfach 30 02 20**
D-70442 Stuttgart, Germany

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **November 10, 1998**

300 Rec'd PCT/PTO 04 DEC 1998

City: _____ State/Prov.: _____
Country: _____ ZIP: _____

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is: **Nov. 10, 1998**

Patent Application No.	Filing date	B. Patent No.(s)
12/10/1998 WCLAYBRO 00000026 072100 09194915		09/194915
03 FC:581 40.00 CH		

Additional numbers attached? 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: **Two Skyline Place**
5203 Leesburg Pike #600
Falls Church, VA 22041
City: _____ State/Prov.: _____
Country: _____ ZIP: _____

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**
 Enclosed
 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 _____ **Dec. 4, 1998**
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **3**

ASSIGNMENT

Whereas, We, Karl-FRIEDRICH RUESSELER, Dr. Bernhard BONSE, Wolfgang BRAUN, Dieter JUNGER, Joachim KURZ, Dr. Roland GRONENBERG, and Dr. Hubert GREIF

_____ ha _____
invented certain new and useful improvements in _____

_____ for which _____
We will _____ ma _____ ke _____ application for LETTERS PATENT OF THE UNITED STATES,
which application has been duly executed by _____ us
on _____ Even Date Herewith _____

And Whereas, Robert Bosch GMBH
Postfach 30 02 20, D-70442 Stuttgart, Germany

_____ hereinafter called the assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefore.

Accordingly,

For value received, WE _____ have assigned, sold and transferred, and do hereby assign, sell and transfer to the said assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries, and in and to said application for LETTERS PATENT of the United States, and in and to all other applications for LETTERS PATENT for said invention in all other countries, and in and to all divisions and continuations of any of said applications, and in and to any LETTERS PATENT of the United States and foreign countries and all reissues and extensions thereof that may be granted, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to _____ us _____ by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the assignee for its own use and behoof, and for the use and behoof of its successors or assigns, to the full end of the respective terms for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by _____ us _____ if this assignment sale had not been made. And _____ we _____ do hereby request and authorize that any and all LETTERS PATENT, when granted, be issued in accordance with this assignment to the assignee.

_____ We _____ covenant and agree with the assignee that _____ we _____ have a full and unincumbered title to the invention hereby assigned, which title _____ we _____ warrant unto the assignee, and _____ we _____ further agree that _____ we _____ will, without demanding any further consideration therefor, at the request but at the expense of the assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, furnishing of information and giving of testimony, that may be or become necessary for obtaining, sustaining, or reissuing United States and foreign LETTERS PATENT for the said invention, and for maintaining and perfecting the assignee's right to said invention and LETTERS PATENT, particularly in cases of interference and litigation.

Executed this 10th day of November, 1998

(First or Sole) Inventor _____
Karl-Friedrich Ruessele
KARL-FRIEDRICH RUESSELER

Executed this 30 day of October, 19 98

Bernhard Bonse
Second Inventor Dr. BERNHARD BONSE

Executed this 09 day of November, 19 98

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Third Inventor WOLFGANG BRAUN

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Executed this 09 day of November, 19 98

Roland Gronenberg
Sixth Inventor DR. ROLAND GRONENBERG

Executed this md day of November, 19 98

Hubert Greif
Seventh Inventor Dr. HUBERT GREIF

Executed this _____ day of _____, 19 _____

Eighth Inventor