

FORM PTO-1585

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01-14-2004

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To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): 4-12-04
 Stefan GROSSE, Sascha HENKE, Rainer FEUERFEIL and
 Andreas GROSS

Additional name(s) of conveying parties attached? Yes
 No

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

Execution dates: Jan. 20, Jan. 21, Jan 20, Jan. 20, 2004.

2. Name and address of receiving party(ies)

Name: Robert Bosch GmbH
 Internal Address: _____
 Street Address: Postfach 30 02 20
 City: D-70442 Stuttgart
 State: Federal Republic of Germany
 ZIP: _____

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

4. Application numbers or patent numbers:
 Date application executed:

A. Patent Application:
10/740,710

B. Patent No.(s)

Additional Numbers attached? Yes No

5. Name and address of party to whom correspondence
 concerning document should be mailed:

Name: Richard L. Mayer
 Internal Address: KENYON & KENYON
 Street Address: One Broadway
 City: New York State: New York ZIP: 10004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
11-0600

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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.*

Richard L. Mayer (Reg. No. 22,490)
 Name of Person Signing

Richard L. Mayer
By: Mary C. Weaver
 Signature Reg No. 30,333

4/8/04
 Date

Total Number of pages including cover sheet, attachments and document: 8

OMB No. 0651-0011 (exp. 4/94)

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ASSIGNMENT

WHEREAS, we,

Stefan GROSSE
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Federal Republic of Germany
Citizenship: Germany

Andreas GROSS
Reimanstr. 16
DE-52070 Aachen
Federal Republic of Germany
Citizenship: Germany

have made certain new and useful inventions and discoveries in
TRIBOLOGICALLY LOADED COMPONENT AND ACCOMPANYING GAS
ENGINE OR INTERNAL COMBUSTION ENGINE, for which an application for
Letters Patent is being filed herewith, and

WHEREAS **Robert Bosch GmbH**, having a place of business at **Postfach**
30 02 20, D-70442 Stuttgart, Federal Republic of Germany, and who, together
with its successors and assigns, is hereinafter called "Assignee," is desirous of
acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to
us, receipt and sufficiency of which we hereby acknowledge, we hereby, without
reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and
interest in and to said inventions and discoveries, said application for Letters
Patent of the United States of America, any and all other applications for Letters

Patent on said inventions and discoveries, including all divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and

other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals
this 20th day of January, 2004.


Stefan GROSSE

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals
this 21 day of January, 2004


Sascha HENKE

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals
this 20th day of January, 2004.

X Rainer Feuerfeil
Rainer FEUERFEIL

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals
this 20th day of January, 2004



Andreas GROSS