FORM PTO-1585

12-14-2005

103135943
10191/4336

PATENTS ONLY

To the Director of the US Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Michael FRANK, Torsten HUPPERTZ, Claus WUNDLING, and Daniel SCHERRER

2. Name and address of receiving party(ies)

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

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: ________

Execution dates: all November 2, 2005

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

4. Application numbers or patent numbers:

Execution date of application is:

A. Patent Applications:

11/232,783

B. Patent No.(s)

Additional Numbers attached? ☐ Yes ☒ No

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

Name: Gerard A. Messina
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

DO NOT USE THIS SPACE

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.

Gerard A. Messina (Reg. No. 35,952)
Name of Person Signing

Signature

Date

Total Number of pages including cover sheet, attachments and document: 7

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

Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0605-0011), Washington, D.C. 20503

12/13/2005 DBYMAE 00000084 110600 11232763

01 FC:6021 40.00 00

PATENT
REEL: 017337 FRAME: 0797
ASSIGNMENT

WHEREAS, we,

Michael FRANK  
Lembergerweg 6  
71665 Vaihingen/Enz  
Federal Republic of Germany  
Citizenship: Federal Republic of Germany

Torsten HUPPERTZ  
Schanzenbachstr. 5  
71636 Ludwigsburg  
Federal Republic of Germany  
Citizenship: Federal Republic of Germany

Claus WUNDLING  
Mozartstrasse 27  
71691 Freidberg A.N.  
Federal Republic of Germany  
Citizenship: Federal Republic of Germany

and

Daniel SCHERRER  
Kelterstrasse 38  
70825 Korntal-Muenchingen  
Federal Republic of Germany  
Citizenship: Switzerland

have made inventions and discoveries in a METHOD AND DEVICE FOR OPERATING AN INTERNAL COMBUSTION ENGINE HAVING A CATALYTIC CONVERTER, 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 the said inventions and discoveries, the said
patent applications, and the 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 seal this ____________ day of ____________, 2005.

__________________________
Torsten HUPPERTZ
IN TESTIMONY WHEREOF, we have hereunto set our hands and seal this \textit{November} \text{2005.}

\begin{center}
\textit{Claus WUNDLING}
\end{center}
IN TESTIMONY WHEREOF, we have hereunto set our hands and seal this _02_
day of __________, 2005.

Daniel SCHERRER