n.: R.32346 02-04-2000 U.S. DEPARTMENT OF COMMER RECORDA FORM PTO-1595 (Modified) (Rev. 6-93) Patent and Trademark Off OMB No. 0651-0011 (exp.4/94) PA. Copyright 1996-97 LegalStar P08A/REV02 Tab settings -To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereo 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): **Erwin NAEGELE** Name: Robert Bosch GmbH Winfried KUHNT Address: Postfach 30 02 20 D-70442 Stuttgart GERMANY Additional names(s) of conveying party(ies) attached? 3. Nature of conveyance: Assignment ☐ Merger City: _____ State/Prov.: ☐ Change of Name ☐ Security Agreement Country: _____ ZIP: _____ ☐ Other Execution Date: November 8, 1999 Additional name(s) & address(es) attached? ☐ Yes ☒ No 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: B. Patent No.(s) Filing date Patent Application No. 10/22/99 09/254,951 Additional numbers attached?
Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Ronald E. Greigg 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 31,517 ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Two Skyline Place Authorized to be charged to deposit account 5203 Leesburg Pike #600 Falls Church, VA 22041 8. Deposit account number: City: ____ State/Prov.: 07-2100

DO NOT USE THIS SPACE

9. Statement and signature.

40.00 CH

Country:

02/02/2000 TTON11

01 FC:581

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

Name of Person Signing

00000066 072100 09254951

ZIP:

Signature

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

Date

December 23, 1999

PATENT REEL: 010517 FRAME: 0323

(Multiple inventors; single assignee)			R.32346
This is an As	ssignment of the following rights, title	and interest: (check all that apply):	
×	United States of America rights, title	and interest in the invention	
	Foreign rights, title and interest in the invention		
×	United States Patent Application Serial No. 09/254,951		
	Date of Execution:	Date of Filing: October	22, 1999
	United States Provisional Patent Application Serial No.		
	United States Patent No(s).		
	International (PCT) Patent Application Serial No.		
	Other (specify)		
Title of the 1	nvention		
APPARA	INTERNAL COMBUSTION ENGINE	TURE AND TEMPERATURE IN THE IN AND METHOD FOR PRODUCING IT	
Name		Address	
Erwin NAE		Hinterdorfstr. 43, D-74394 Hessigheim,	GERMANY
Winfried KUHNT		Zeppelinstr. 26, D-70193 Stuttgart, GE	
,			
			3 - 2
4ssignee			
	Name	Address	
Robert Bos	ch GmbH	Postfach 30 02 20, D-70442 Stuttgart,	GERMANY

[Page 1 of

AS03A/REV01

PATENT REEL: 010517 FRAME: 0324

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

Docket No. R.32346

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)

RECORDED: 12/23/1999

Name	Signature/Date	
Erwin NAEGELE	Ervin Vaque, November 05, 1991	
Winfried KUHNT	Erwin Vagle, November 05. 1999 Winfine Khar, November 08. 1999	

Page 2 of

PATENT REEL: 010517 FRAME: 0325