Docket No.: R.34524 RECORDATION FOR A CONTRACTOR FORM PTO-1595 (Modified) PARTMENT OF COMMERCE Rev. 03-01) 02-13-2003 Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) **PATENT** P08A/REV03 Tab settings → → To the Honorable Commissioner of Patents and Trademarks: nents or copy thereof. 102365346 and address of receiving party(ies): 1. Name of conveying party(ies): 2-10-03 Hermann GAESSLER, Udo DIEHL, Karsten MISCHKER, Rainer WALTER, Name: Robert Bosch GmbH Juergen SCHIEMANN, Christian GROSSE, Address: Postfach 30 02 20, 70442 Stuttgart, Germany Volker BEUCHE, Stefan REIMER ☐ Yes ☒ No Additional names(s) of conveying party(ies) Nature of conveyance: ☐ Merger City: \_\_\_\_\_ State/Prov.: \_\_\_\_ ☐ Security Agreement ☐ Change of Name Country: \_\_\_\_\_ ZIP: □ Other Execution Date: 11/06/02, 11/07/02 & 11/11/02 ☐ Yes Additional name(s) & address(es) ⊠ No 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: Filing date B. Patent No.(s) Patent Application No. 02/10/03 10/258,215 ☐ Yes ☒ No Additional numbers 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 31,517 Registration No. □ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: 1423 Powhatan Street, Unit One

Authorized to be charged to deposit account Alexandria, Virginia 22314 8. Deposit account number: 07-2100 City: \_\_\_\_\_ State/Prov.: \_\_\_\_ (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

February 10, 2003

Name of Person Signing

Sign

Date 3

02/13/2003 ECOOPER 00000015 072100

Total number of pages including cover sheet attachments, and Mail documents to be recorded with required cover sheet information to:

10226215 commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

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PATENT

REEL: 013741 FRAME: 0847

-	Assignment of Rights, Title and (Multiple inventors; si	Docket No. R.34524			
This is an A	ssignment of the following rights, title	and interest: (check all that apply):			
$\boxtimes$	United States of America rights, title	and interest in the invention			
$\boxtimes$					
	Date of Execution: 11/6/02,	10,250,215			
	United States Provisional Patent App				
	☐ United States Patent No(s).				
	International (PCT) Patent Application Serial No.				
KX					
Title of the I	nvention				
nventors (as		FOR AN INTERNAL COMBUSTION E	NGINE		
Name		Address			
Hermann GAESSLER		Im Hoernle 14, 71665 Vaihingen, Germany			
Udo DIEHL		Alte Stuttgarter Str. 115, 70195 Stuttgart	, Germany		
Karsten MISCHKER		Glookenturmstr. 18, 71229 Leonberg, Ge	rmany		
Rainer WALTER		Ludwig-Hofer-Str. 2, 74385 Pleidelsheim, Germany			
Juergen SCHIEMANN		Eichenweg 9, 71706 Markgroeningen, Germany			
Christian GROSSE		Oststr. 13, 70806 Kornwestheim, Germany			
Volker BEUCHE		Wiesbadener Str. 37, 70372 Stuttgart, Germany			
Stefan REIMER		Lembergerweg 2, 71706 Markgroeningen, Germany			
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
Issignee					
	Name	Address			
Robert Bosch GmbH		Postfach 30 02 20, 70442 Stultgart, Germa	ny		
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[Page 1 of

AS03A/REV01

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

Docket No. R. 34524

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: 02/10/2003** 

Name	Signature/Date		
Hermann GAESSLER	x Herman Güs, er	× 2002-Nov-06	
Udo DIEHL	× illo Catro	> 2002 - Nov - 07	
Karsten MISCHKER	x Thante lis	× 2007 - Nov - 06	
Rainer WALTER	x Rainer Walter	> 2002-Nov-06	
Juergen SCHIEMANN	" Jurgen Pelinaman	, 2002-Nov-06	
Christian GROSSE	x Christin from 2.	. 2007 - Nov - 06	
Volker BEUCHE	× Volly ful	> 2002 - Nov - 11	
Stefan REIMER	x Stefan Reimor	× 2002 - NOV - 07	

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PATENT REEL: 013741 FRAME: 0849