FORM PTO-1595 (Modified) JUL 0 7 2003 R (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2 P08A/REV03

07-10-2003



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ocket No.: R.41098-IP1

U.S. DEPARTMENT OF COMMERCE

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Additional names(s) of conveying party(ies)	☐ Yes 🏻 No				
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4. Application number(s) or patent number	• •				
If this document is being filed together	with a new application	, the execution da	ate of the applica	ation is:	
Patent Application No. Filing of	late	B. Pate	ent No.(s)		
10/450,824 June 18	, 2003				
	Additional numbers	☐ Yes 🗵] No		
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total numbe	r of applications	and patents involv	ved: 1
Name: RONALD E. GREIGG Registration No. 31,517 Address: 1423 Powhatan Street, Suite One		7. Total fee (37 CFR 3.41):\$ 40.00 □ Enclosed - Any excess or insufficiency should be			
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PATENT

REEL: 014264 FRAME: 0260

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)		Docket No. R.41098-IP1		
This is an Assignment 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. 10/450,824				
Date of Execution: 5/19/03, 5/26/03 Date of Filing: June 18, 2003				
United States Provisional Patent Application Serial No.				
☐ United States Patent No(s).				
☐ International (PCT) Patent Applicat	ion Serial No.			
XX Other (specify) Date of Execut	ion: 5/27/03 & 6/02/03			
Title of the Invention				
HYDRAULIC ACTUA	TOR FOR A GAS EXCHANGE VALVE			
Inventors (assignors)				
Name	Address			
Udo DIEHL	Alte Stuttgarter Str. 115, 70195 Stuttgart,	Germany		
Karsten MISCHKER	Erwin-Schoettle-Str. 22, 71229 Leonberg, Germany			
Uwe HAMMER	Muenchingerstr. 10, 71282 Hemmingen, Germany			
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Peter LANG	Bachstr. 23, 71287 Weissach, Germany			
Stefan REIMER	Lembergerweg 2, 71706 Markgroeningen	ı, Germany		
Assignee				
Name Address				
Robert Bosch GmbH	Postfach 30 02 20, 70442 Stuttgart, Germany			

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AS03A/REV01

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

Docket No. R.41098-IP1

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)

Name	Signati	Signature/Date			
Udo DIEHL	× (ed. Oth)	× 19-MAY-2003			
Karsten MISCHKER	× What him	> 13-19-2003			
Uwe HAMMER	> dry Harrier	× 27- May - 2003			
Volker BEUCHE	> ble And	× 2- June -2003			
Peter LANG	× let	× 26-May-2003			
Stefan REIMER	x Saton Reima	× 19-May-2003			
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PATENT REEL: 014264 FRAME: 0262

RECORDED: 07/07/2003