

Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 6/30/2005)

Doc Code: **R.308321**

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Sezgin ACAR
Heike BAUER
Ralf SCHINDLER

2. Name and address of receiving party(ies)Name: Robert Bosch GmbH

Internal Address: _____

Street Address: Postfach 30 02 2070442 Stuttgart, Germany

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☒ Yes ☐ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 08/31/05, 09/02/05, 08/31/05

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

4. Application or patent number(s):☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/173,161

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Ronald E. Greigg

Internal Address: _____

Street Address: 1423 Powhatan Street, Suite OneCity: AlexandriaState: VA Zip: 22314Phone Number: 703-838-5500Fax Number: 703-838-5554

Email Address: _____

6. Total number of applications and patents involved:1**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 07-2100Authorized User Name Ronald E. Greigg**9. Signature:**
SignatureOCTOBER 19, 2005

Date

RONALD E. GREIGG

Name of Person Signing

Total number of pages including cover

5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

CH \$40.00 072100 11173161

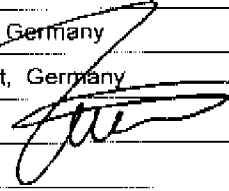
CONTINUATION OF RECORDATION FORM COVER SHEET

<u>NAME</u>	<u>EXECUTION DATE</u>
Klaus HEYER	09/14/05
Massimiliano AMBROSI	09/14/05
Frank ENTENMANN	08/31/05
Dietmar KRATZER	08/31/05
Daniel ZUEWERINK	10/06/05

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)Docket No.
R.308321*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.* 11/173,161*Date of Execution:* 8/31/05, 9/2/05 *Date of Filing:* July 5, 2005☐ *United States Provisional Patent Application Serial No.* _____☐ *United States Patent No(s).* _____☐ *International (PCT) Patent Application Serial No.* _____☒ *Other (specify)* *Date of Execution:* 9/14/05, & 10/6/05**Title of the Invention**

VALVE ARRANGEMENT

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Sezgin ACAR	Solitudestr. 37, 71638 Ludwigsburg, Germany
Heike BAUER	Yitzhak-Rabin-Str. 8, 70376 Stuttgart, Germany
Ralf SCHINDLER	Uhlandstr. 15, 71229 Leonberg, Germany
Klaus HEYER	Grosse Aecker 18, 71691 Freiberg, Germany
Massimiliano AMBROSI	Hoelderlinstr. 1, 71672 Marbach, Germany
Frank ENTENMANN	Uhlandstr. 25, 71720 Oberstenfeld, Germany
Dietmar KRATZER	Heilbronner Str. 102, 71732 Tamm, Germany
Daniel ZUEWERINK	Deochinger Str. 22, 85055 Ingolstadt, Germany TECHNISCHE STRASSE 1, 85049 

Assignee

<i>Name</i>	<i>Address</i>
Robert Bosch GmbH	Postfach 30 02 20, 70442 Stuttgart, Germany

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

Docket No.
R.308321

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 Director of the United States Patent and Trademark Office 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	Signature/Date
Sezgin ACAR	<i>Sezgin Acar</i> ✓ Aug. 31st 2005
Heike BAUER	<i>Heike Bauer</i> ✓ 09/02/2005
Ralf SCHINDLER	<i>Ralf Schindler</i> ✓ 08/31/2005
Klaus HEYER	<i>Klaus Hoyer</i> ✓ 14.09.2005
Massimiliano AMBROSI	<i>Massimiliano Ambrosi</i> ✓ 14.09.2005
Frank ENTENMANN	<i>Frank Entenmann</i> ✓ 08/31/2005
Dietmar KRATZER	<i>Dietmar Kratzer</i> ✓ 08/31/2005
Daniel ZUEWERINK	✓

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

Docket No.
R.308321

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;

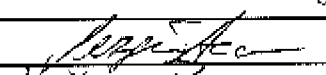
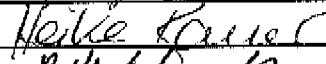




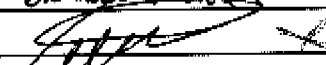

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

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 Director of the United States Patent and Trademark Office 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	Signature/Date
Sezgin ACAR	 08/31/2005
Heike BAUER	 09/02/2005
Ralf SCHINDLER	 08/31/2005
Klaus HEYER	 14.09.2005
Massimiliano AMBROSI	 14.09.2005
Frank ENTENMANN	 08/31/2005
Dietmar KRATZER	 08/31/2005
Daniel ZUEWERINK	 10/06/2005