

09-26-2003

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Director of the United States Patent and Trademark Office, Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

- 1) Stefan Schwarz
- 2) Bernd Lorenz
- 3) Karl Birk

Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other \_\_\_\_\_

Execution Date: 1) &amp; 2) March 25, 2003; 3) March 20, 2003

## 2. Name and address of receiving party(ies):

Name: FESTO AG & Co.Internal Address: Ruiter Strasse 82D-73734 Esslingen, Germany

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached? ☒ Yes ☐ 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:

A. Patent Application No.(s)

10/409,302

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Charles R. Hoffmann, Esq.Internal Address: HOFFMANN & BARON, LLPStreet Address: 6900 Jericho Turnpike

09/29/2003 DDYRME 00000038 10409302

01 FC:0021

40.00 DP

City: Syosset State: NY ZIP: 11791

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41):.....\$ 40.00

- ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- ☐ Authorized to be charged to deposit account

## 8. Deposit account number:

08-2461

(Attach duplicate copy of this page if paying by deposit account)

## 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.

Steven T. Zuschlag

Name of Person Signing

Signature

8

Date

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

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 014542 FRAME: 0505

RECORDATION FORM COVER SHEET  
PATENTS ONLY

2. Additional Name and Address of receiving parties:

TRW Occupant Restraint Systems GmbH & Co. KG  
Haldenbergstrasse 1  
D-73061 Eberbach, Germany

For: ☒ U.S. and/or ☐ Foreign Rights  
 For: ☐ U.S. Application;  
☐ U.S. Provisional Application;  
☐ U.S. Patent; or  
☐ PCT Application  
 By: ☐ Inventors or ☐ Present Owners

# ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

Karl Birk  
 Name Haldenbergstraße 1  
D-73061 Eberbach  
 Address Germany  
German  
 Nationality

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 Nationality \_\_\_\_\_

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
 Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE:

TRW Occupant Restraint  
 Systems GmbH & Co. KG  
 (Type or print name of ASSIGNEE)  
Industriestraße 20  
D-73551 Alfdorf  
 Address  
Germany

German  
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE,

(complete one of the following)

- ☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest

for the United States and its territorial possessions

☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

A GAS OPERATED CONTRACTION DRIVE

and which is found in

(check and complete (a), (b), (c), (d), (e), (f), or (g))

- (a) ☒ U.S. patent application executed on even date herewith  
(b) ☐ U.S. patent application executed on \_\_\_\_\_  
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-identified invention.  
    ☐ Express Mail label No.: \_\_\_\_\_, mailed: \_\_\_\_\_  
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known  
(d) ☐ U.S. application Serial No. 0 / \_\_\_\_\_ filed on \_\_\_\_\_  
(e) ☐ International application No. PCT/\_\_\_\_\_/\_\_\_\_\_  
(f) ☐ U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_  
    ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.  
(g) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Assignment of Invention - Page 2 of 3

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Date: X March 20, 2003  
Date of signing

X Karl Birk Karl Birk  
SIGNATURE of ASSIGNOR

(If ASSIGNOR is a legal entity, complete the following information)

\_\_\_\_\_  
Type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR

\_\_\_\_\_  
Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

[ ] Notarization or Legalization Page Added.

Attorney's Docket No.: 442-184

PATENT

For: ☒ U.S. and/or ☐ Foreign Rights  
 For: ☐ U.S. Application;  
☐ U.S. Provisional Application;  
☐ U.S. Patent; or  
☐ PCT Application  
 By: ☐ Inventors or ☐ Present Owners

## ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

Stefan Schwarz Bernd Lorenz \_\_\_\_\_

Name Stuttgarter Straße 14 Name Waldstraße 15 Name \_\_\_\_\_  
D-72655 Altdorf D-73666 Baltmannsweiler \_\_\_\_\_

Address \_\_\_\_\_ Address \_\_\_\_\_ Address \_\_\_\_\_  
Germany Germany \_\_\_\_\_

Nationality German Nationality German Nationality \_\_\_\_\_

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
 Frame \_\_\_\_\_

hereby sells, assigns and transfers to

ASSIGNEE: FESTO AG & Co  
 (Type or print name of ASSIGNEE)  
Ruiter Straße 82  
D-73734 Esslingen  
 Address \_\_\_\_\_  
Germany  
German  
 Nationality \_\_\_\_\_

and the successors, assigns and legal representatives of the ASSIGNEE,

(complete one of the following)

☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest

for the United States and its territorial possessions

[x] and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

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and which is found in

(check and complete (a), (b), (c), (d), (e), (f), or (g))

- (a) ☒ U.S. patent application executed on even date herewith  
(b) ☐ U.S. patent application executed on \_\_\_\_\_  
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-identified invention.

☐ Express Mail label No.: \_\_\_\_\_, mailed: \_\_\_\_\_

- ☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known

- (d) ☐ U.S. application Serial No. 08/\_\_\_\_\_ filed on \_\_\_\_\_  
(e) ☐ International application No. PCT/\_\_\_\_\_  
(f) ☐ U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding \_\_\_\_\_ patent maintenance fees is being sent separately.

- (g) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Date: X 25/03/2003  
Date of signing

X Stefan Schwarz  
SIGNATURE of ASSIGNOR

Date: X 25/03/2003

X Bernd Lorenz

Date: X \_\_\_\_\_

X \_\_\_\_\_

(If ASSIGNOR is a legal entity, complete the following information)

\_\_\_\_\_  
Type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR

\_\_\_\_\_  
Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

[ ]Notarization or Legalization Page Added.



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Schwarz et al.

Examiner: Unassigned

Serial No.: 10/409,302

Group Art Unit: 3751

Filed: April 8, 2003

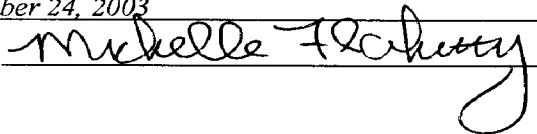
Docket: 442-184

Confirmation No.: 5583

Dated: September 24, 2003

For: GAS OPERATED CONTRACTION  
DRIVEMail Stop Assignment Recordation Services  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

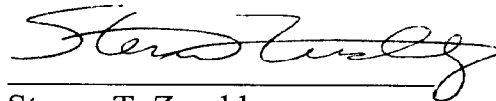
*I hereby certify this correspondence is being deposited  
with the United States Postal Service as first class mail,  
postpaid in an envelope, addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria  
VA 22313-1450.  
on September 24, 2003*

Signature: **REQUEST FOR RECORDATION OF ASSIGNMENT DOCUMENT**

Sir:

Enclosed herewith are an executed Assignment and a Recordation Form Cover Sheet regarding the above-identified application. A check for the required recordation fee of \$40.00 has also been enclosed. Please record the enclosed documents accordingly and return them to the address set forth below once recordation has been completed.

Respectfully submitted,

Steven T. Zuschlag  
Registration No.: 43,309  
Attorney for ApplicantHOFFMANN & BARON, LLP  
6900 Jericho Turnpike  
Syosset, New York 11791  
(516) 822-3550

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