

U.S. PTO

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FORM PTO-1595  
(Rev. 6-93)

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U.S. Department of Commerce  
Patent and Trademark Office

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OMB No. 0651-0011 (exp. 4/94)

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To the Honorable Commissioner of Patents and Trademarks

ached original documents or copy thereof.

## 1. Name of conveying party(ies)/Execution Dates:

**Werner Zengerle  
Simon Schreiber  
Karsten Schwuchow**Execution Date(s): January 28, 2008Additional name(s) of conveying party(ies) attached ☐ Yes ☐ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other: \_\_\_\_\_

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

Name: TRW Airbag Systems GmbH

Internal Address: \_\_\_\_\_

Werner-von-Braun-Strabe 1, D-84544 Aschau am Inn,  
GERMANY

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) and address(es) attached? ☐ Yes ☐ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is January 28, 2008A. Patent Application No.(s):  
filed

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☐ No

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

Name: MATTHEW M. SHAHEEN, ESQInternal Address: Tarolli, Sundheim, Covell,  
& Tummino L.L.P.Street Address: 1300 East Ninth Street, Suite 1700City: Cleveland State: OH Zip: 44114-1400Phone Number: (216) 621-2234Fax Number: (216) 621-4072

Email Address: \_\_\_\_\_

01/29/2008 HLE333 00000062 12011542

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40.00 OP

6. Total number of applications and patents involved: 17. Total fee (37 1.21(h) & 3.41).....\$40.00

- ☒ Enclosed is a check for the amount indicated above.  
☐ Authorized to be charged to deposit account.  
☐ Authorized to be charged by credit card  
☐ None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card: Last 4 Numbers \_\_\_\_\_  
Expiration Date: \_\_\_\_\_  
Authorized User: \_\_\_\_\_

b. Deposit Account No.: 20-0090  
(charge for insufficient fees only)

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

## 9. Signature:

MATTHEW M. SHAHEEN  
Name of Person Signing  
Reg. No. 45,367

Signature

January 28, 2008  
DateTotal number of pages including cover sheet, attachments, and document: 3

Mail Documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington D.C. 20231

PATENT  
REEL: 020500 FRAME: 0688

A S S I G N M E N T

WHEREAS, we,

Werner ZENGERLE, Riesegebirgstrasse 46, 93057 Regensburg

Simon SCHREIBER, Watzmannstrasse 31, 83512 Wasserburg am Inn

Karsten SCHWUCHOW, Salzburgerstrasse 28a, 83512 Wasserburg am Inn

have made new and useful improvements in a

Filter for Use in a Gas Generator

WHEREAS, TRW Airbag Systems GmbH, a corporation duly organized and existing under the laws of the Federal Republic of Germany, having a place of business at Wernher-von-Braun-Straße 1, D-84544 Aschau am Inn, Federal Republic of Germany, is desirous of acquiring the entire right, title, and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

NOW THEREFORE, BE IT KNOWN that for valuable considerations to us paid, the receipt whereof is hereby acknowledged, we, the said

Werner ZENGERLE,

Simon SCHREIBER,

Karsten SCHWUCHOW,

do hereby assign, sell and set over unto the said TRW Airbag Systems GmbH, its successors or assigns; the entire right, title and interest in and to the aforesaid improvements and any and all inventions pertaining thereto, the application for United States patent executed by us on the 28 day of January, 2008, 28 day of January, 2008, 29 day of January, 2008, all patents granted therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and we hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said TRW Airbag Systems GmbH, its successors or assigns; and we further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said TRW Airbag Systems GmbH, its successors or assigns in order fully to secure, protect, and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said TRW Airbag Systems GmbH, its successors or assigns.

Executed this 28 day of January, 2008

W. Zengerle  
Werner ZENGERLE

Executed this 28 day of January, 2008

D. J. Schreiber  
Simon SCHREIBER

Executed this 28 day of January, 2008

K. Schuchow  
~~Karsten~~ SCHWUCHOW  
Karsten

Witnessed:

28 Jan 08 A. Tisch  
Andreas Tischler

Vera Gnad  
Vera Gnad