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Name of conveying party(ies)/Execution Dates: Gunter Herrmann Rolf Ruckdeschel	Name and address of receiving party(ies): Name: TRW Airbag Systems GmbH			
Execution Date(s): April 29, 2003 Additional name(s) of conveying party(ies) attached Yes No.	Street Address: Werner-Von Braun Strasse 1 84544 Aschau/Inn, GERMANY			
3. Nature of conveyance: Assignment				
	Additional name(s) and address(es) attached? Yes No			
A Patent Application No.(s): 10/440,671, filed May 19, 2003	B. Patent No.(s): 6,834,594 issued: December 28, 2004			
4	nbers attached? Yes No			
Name and address to whom correspondence concerning document should be mailed: Name: Matthew M. Shaheen	Total number of applications and patents involved: Total fee (37 1.21(h) & 3.41)\$previously paid for			
Internal Address: Tarolli, Sundheim, Covell, & Tummino L.L.P.	☐ Enclosed is a check for the amount indicated above. ☐ Authorized to be charged to deposit account.			
Street Address: 526 Superior Avenue, Suite 1111	Authorized to be charged by credit card			
City: Cleveland State: OH Zip: 44114-1400 Phone Number: (216) 621-2234 Fax Number: (216) 621-4072 Email Address: mshaheen@tarolli.com	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 Total number of pages including cover sheet, attachments, and document; 9				

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Washington D.C. 20231

PORN PTO-1895 Post (left) Post (left)
1. Name of conveying party(ies)/Execution Dates: Chinter Nermann Roll Ruckdeschel Execution Date(s): May 13, 2003 & April 29, 2003 Additional name(s) of conveying party(ies) siturched □ Yes ☒ No 3. Nature of conveyance: ☒ Assignment □ Merger □ Security Agreement □ Change of Name □ Government Interest Assignment □ Executive Order 9424, Confirmatory License □ Other □ Additional name(s) and eddress (es) attached? □ Yes ☒ No 4. Application number(a) or patent number(s): If this document is being filed together with a new application, the execution date of the application is A Patent Application No.(s): filed Additional numbers attached? □ Yes ☒ No 5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1
Roll Ruckdeschol Execution Date(s): May 13, 2003 & April 29, 2003 Additional name(s) of conveying perty(se) attached [] Yas No 3. Nature of conveyance: Assignment Merger Change of Name Government Change of Name Additional name(s) and eddress(es) attached? [] Yas 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 A Patent Application No.(s): 8. Patent No.(s): 6.834,594 issued: 12/28/04 Additional numbers attached? [] Yes No 5. Name and address to whom correspondence Concerning document should be mailed:
Execution Date(s): May 13, 2003 & April 29, 2003 Additional name(s) of conveying perty(es) stached Yea Si No Nature of conveyance: Assignment Merger Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License Other Additional name(s) and address(es) attached? Yea No 4. Application number(a) or patent number(s): If this document is being filed together with a new application, the execution date of the application is A Patent Application No.(s): B. Patent No.(s): 6,834,594 issued: 12/23/04 Additional numbers strached? Yea No 5. Name and address to whom correspondence Concerning document should be mailed:
Additional name(s) of conveying pertyres) strached \(\text{Yes} \) \(\text{Street Address: Werning-von-enauth-characters and software with a new application, the execution date of the application is severed: 12723/04 Additional number strached: \(\text{Yes} \) \(\text{No} \) Additional number strached: \(\text{Yes} \) \(\text{Patent No.(s): 6.834,594} \) Additional numbers attached: \(\text{Yes} \) \(\text{No} \) Additional number of applications and patents involved: 1 concerning document should be mailed:
3. Nature of conveyance: Assignment
Assignment
Security Agreement
Government Interest Assignment Executive Oider 9424, Confirmatory License Other Additional name(s) and address(es) attached? ☐ Yes ☑ No 4. Application number(a) or patent number(s): If this document is being filed together with a new application, the execution date of the application is A Patent Application No.(s): 6. Patent No.(s): 6.834,594 issued: 12/28/04 Additional numbers attached? ☐ Yes ☒ No 5. Name and address to whom correspondence concerning document should be mailed:
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Name: Matthew M. Shaheen 7. Total fee (37 1.21(h) & 3.41)\$Previously Faid for
Internal Address: Tarolli, Sundheim, Covell.
& Tummino L.L.P. Authorized to be charged to deposit account
Street Address: 1300 East Ninth Street, Suite 1700 Authorized to be charged by credit card
City: Cheveland State: OH Zip: 44114 None required (government interest not affecting tife)
Phone Number: (216) 521-2234 8. Payment Information
Fax Number: (216) 621-4072 a. Credit Card: Last 4 Numbers Expiration Date:
Email Address:mshaheen@tarolli.com Authorized User
b. Deposit Account No.: 20-0090 (charge for insufficient fees only)
(Altach duplicate copy of this page if paying by deposit account)
9. Signature: Matthew M. Shahgen July 5, 2006

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Total number of pages including cover sheet, attachments, and document: 3

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AB No. 0651-0017 (exp. 4/94) b settings TITS To the Honorable Commissioner of Patents and Trade		t t ed original documents or copy thereof.
Name of conveying party(les): unter Hermann off Ruckdeschel	Name and address of receive Name: TRW Airbag System Internal Address:	atems GmbH & Co. KG
Nature of conveyance: Assignment	Werner-van-Braun-Strass	1,84644 Aschau/Imm, GERMANY
Other	City: State:	Zip: Signature Yes No
	I .	
Name and address of party to whom	ers attached? Type The No	ns and patents involved:
Name and address of party to whom correspondence concerning document should be mailed:	8. Total number of application	
Name and address of party to whom correspondence concerning document		
Name and address of party to whom correspondence concerning document should be mailed: Name: THOMAS L. TAROLLI, ESQ.	Total number of application Total fee (37 CFR 3.41)	\$40,00
Name and address of party to whom correspondence concerning document should be mailed: Name: THOMAS L. TAROLLI, ESQ. Internal Address: Tarolli, Sundhelm, Covell, Tummino & Szabo I. L.P.	8. Total number of application 7. Total fee (37 CFR 3.41) Enclosed Authorized to be charge B. Deposit Account No.	\$40.00
Name and address of party to whom correspondence concerning document should be mailed: Name: THOMAS L. TAROLLI, ESQ. Internal Address: Tarolli, Sundhelm, Covell, Tummine & Szabo I. L.P.	8. Total number of application 7. Total fee (37 GFR 3.41) Enclosed Authorized to be charge 8. Deposit Account No. 20-0090	\$40.00 ed to deposit account.
Name and address of party to whom correspondence concerning document should be mailed: Name: THOMAS L. TAROLLI, ESQ. Internal Address: Tarolli, Sundhelm, Covell, Tummine & Szabo L.L.P. 11111 sadet Risking Street Address: 528 Superior Avenue City: Cicardand. State: Onio Zip: 44114-1400	8. Total number of application 7. Total fee (37 CFR 3.41) Enclosed Authorized to be charge 8. Deposit Account No. 20-0090 (Attach duplicate copy of the CT USE SPACE	nd to deposit account. We page if paying by deposit account)

PATENT

REEL: 018239 FRAME: 0888

ASSIGNMENT

WHEREAS. WE.

Günter HERRMANN, of Ölbergring 23a, 83620 Feldkirchen, Germany, Rolf RUCKDESCHEL, of An der Domzeile 22, 87645 Schwangau, Germany,

havelmade new and useful improvements in a

Tubular 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 Günter HERRMANN and

RolfRUCKDESCHEL

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 <u>13</u> day of <u>M44</u>, 200<u>3</u>; and the <u>23</u> day of <u>April</u> , 200 3, respectively, all platents 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 <u>13</u>	lay of <u>Muj</u> , 200 <u>3</u>	Gunter HERRMANN
Executed this 29 d	lay of <i>April</i> , 2003	Rolf RUCKDESCHEL
/itaessed:	lubla	

TOTAL P.04