	03-15-2000
FORM PTO-1595 RECOR (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) Tab settings ⇔⇔ ▼	U.S. Department of Commerce Patent and Trademark Office OUR FILE TRW(VSSIM)4569
To the Honorable Commissioner of Patents and Trad	lemarks: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Bryan W. Shirk, Timothy A. Swann Roy D. Van Wynsberghe	2. Name and address of receiving party(ies) Name: TRW Inc. Internal Address:
Additional name(s) of conveying party(ies) attached 🗋 Yes 🔲 No	
3. Nature of conveyance: ☑ Assignment	Street Address: 1900 Richmond Road
Other Execution Date: February 23, 2000	City:Lyndhurst State: OH Zip: <u>44124</u> Additional name(s) and address(es) attached?
A. Patent Application No.(s)	n, the execution date of the application is February 23, 2000 B. Patent No.(s) 09/5/548/ ers attached?
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: 1
Name: THOMAS L. TAROLLI, ESQ.	7. Total fee (37 CFR 3.41)\$ <u>40.00</u>
Internal Address: Tarolli, Sundheim, Covell, Tummino & Szabo L.L.P.	Enclosed Authorized to be charged to deposit account.
1111 Leader Building	8. Deposit Account No.
Street Address: <u>526 Superior Avenue</u>	20-0090
/10/28#9:08189981and 000818189518409 Zip: 44114-1400	(Attach duplicate copy of this page if paying by deposit account)
 Statement and signature. To the best of my knowledge and belief, the foregoing in original document 	nformation is true and correct and any attached copy is a true copy of the
JAMES L. TAROLLI	2-29-00
Name of Person Signing Signature Reg. No. 36,029	Date
Total number of pages including of	cover sheet, attachments, and document:

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

> PATENT REEL: 010601 FRAME: 0457

ASSIGNMENT

WHEREAS, we, Bryan W. Shirk, Timothy A. Swann, and Roy D. Van Wynsberghe, of Mesa, County of Maricopa, and State of Arizona; of Mesa, County of Maricopa, and State of Arizona; of Mesa, County of Maricopa, and State of Arizona, respectively, have made new and useful improvements in **INFLATOR FOR SIDE CURTAIN**;

WHEREAS, TRW Inc., a corporation duly organized and existing under the laws of the State of Ohio, having a place of business at Lyndhurst, County of Cuyahoga, State of Ohio, 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 Bryan W. Shirk, Timothy A. Swann, and Roy D. Van Wynsberghe, do hereby assign, sell and set over unto the said TRW Inc. its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, the application for United States patent executed by us respectively on the 23 cdday of <u>FERRUGING</u> 192000 the 23 day of <u>February</u> 192000, and the <u>23</u> day of <u>February</u> 192000, all patents the 19:2000, all patents 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 Inc. 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 Inc. its successors or assigns in order to fully 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 Inc. its successors or assigns.

and State of Argina day of February, 722000
Byon 6- flire
Bryan W. Shirk
) SS:)

On this 23 day of Fuburay, No²⁰⁰⁰. Personally appeared before me Bryan W. Shirk, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

OFFICIAL SEAL TRINA J. RANDT VOTARY PUBLIC STATE OF AFECONA MARICOPA COUNTY
Aly Comm Expires 4-7-03

Tring

PATENT REEL: 010601 FRAME: 0458

Signed at Mesa County of Marcupa This 23	and State of Azinc day of Februar, 102000
	Timothy A. Swann
∧	

STATE OF Urgino-COUNTY OF manufa

SS:

day of Februar 192000)

On this 23 day of Februar, 1920. Personally appeared before me Timothy A. Swann to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.



On this 23 day of Februar, 19 2000 Personally appeared before me Roy D. Van Wynsberghe to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

OFFICIAL BEAL TRINA J. RANDT NOTARY PUBLIC STATE OF ARIZONA MARICOPA COUNTY
My Comm Expres 4-7-03

-Tring Re	andt			
Notary Public				

RECORDED: 02/29/2000