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08-26-1998



3 SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
TRW (AP) 3986

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To the Honorable Commissioner of Patents and Trademarks **100803320**

a attached original documents or copy thereof.

1. Name of conveying party(ies):

Timothy A. Swann

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: TRW Inc.

Internal Address: _____

Street Address: 1900 Richmond Road

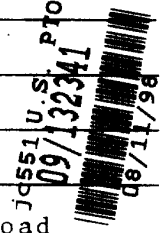
City: Lyndhurst State: OH ZIP: 44124

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 8-6-98



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: 8-6-98

A. Patent Application No.(s)

09/132347

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Thomas L. Tarolli, Esq.

Internal Address: _____

~~08/18/1998 SPAYNE 00000023 09132341~~

~~03 FC:581 40.00 OP~~

Street Address: 526 Superior Ave.

1111 Leader Building

City: Cleveland State: OH ZIP: 44114

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

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

DO NOT USE THIS SPACE

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.

Thomas L. Tarolli

Name of Person Signing

Reg. No. 20,177

Signature

8-11-98

Date

2

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

ASSIGNMENT

WHEREAS, I, Timothy A. Swann, of Mesa, County of Maricopa, and State of Arizona, respectively along with Paul A. Bowers of Ray, County of Macomb, and State of Michigan; respectively have made new and useful improvements in **INFLATOR HAVING GAS DEFLECTOR FLANGES**;

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 my 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 me paid, the receipt whereof is hereby acknowledged, I, the said Timothy A. Swann, do hereby assign, sell and set over unto the said TRW Inc. its successors or assigns, my 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 me on the 06 day of August 1998, 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 I 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 I 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.

Signed at Mesa
County of Maricopa
This 6th

and State of Arizona
day of August, 1998
Timothy A. Swann
Timothy A. Swann

STATE OF Arizona)
COUNTY OF Maricopa)

SS:

On this 6th day of August, 1998
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.



Bertha O'Loughlin
Notary Public