

FORM PTO-1595

(Rev. 6-93)

RECC

08-15-2000

U.S. Department of Commerce
Patent and Trademark Office

OUR FILE TRW(VSSIM)4681

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

Tab settings ⇄⇄⇄

101432711

To the Honorable Commissioner of Patents and Trademarks

d original documents or copy thereof.

1. Name of conveying party(ies):

Clare R. Cunningham, Bryan W. Shirk,
Sheldon R. Fifield, Jr., Vincent J. Mramor,
Brian R. Pitstick, Eric C. ErikeAdditional name(s) of conveying party(ies) attached ☐ Yes ☐ No

3. Nature of conveyance:

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

Execution Date: 7-19/21/24-00

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) 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 7-19/21/24-00

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No5. Name and address of party to whom
correspondence concerning document
should be mailed:

Name: THOMAS L. TAROLLI, ESQ.

Internal Address: Tarolli, Sundheim, Covell,

Tummino & Szabo L.L.P.

1111 Leader Building

Street Address: 526 Superior Avenue

City: Cleveland State: Ohio Zip: 44114-1400

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 No.

20-0090

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

DO NOT USE 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

7-31-00

Date

Total number of pages including cover sheet, attachments, and document: 5

Mail Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington D.C. 2023108/10/2000 JWS/ING
04 FC:581PATENT
REEL: 010986 FRAME: 0043

ASSIGNMENT

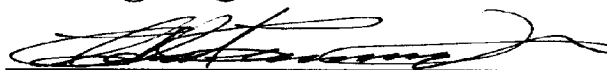
WHEREAS, we, Clare R. Cunningham, Bryan W. Shirk, Sheldon R. Fifield, Jr., Vincent J. Mramor, Brian R. Pitstick, and Eric C. Erike, of Mesa, County of Maricopa, and State of Arizona; of Mesa, County of Maricopa, and State of Arizona; of Mesa, County of Maricopa, and State of Arizona; of Chandler, County of Maricopa, and State of Arizona; of Mesa, County of Maricopa, and State of Arizona; of Mesa, County of Maricopa, and State of Arizona, along with Keith R. Ball, of Macomb Township, County of Macomb, and State of Michigan, respectively, have made new and useful improvements in **GAS GENERATOR FOR SEAT BELT PRETENSIONER**;

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 Clare R. Cunningham, Bryan W. Shirk, Sheldon R. Fifield, Jr., Vincent J. Mramor, Brian R. Pitstick, and Eric C. Erike 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 19 day of July, 2000, 24 day of July, 2000, 24 day of July, 2000, 21 day of July, 2000, and the 24 day of July, 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.

Signed at Mesa
County of Maricopa
This 19

and State of Arizona
day of July, 2000



Clare R. Cunningham

STATE OF Arizona)
COUNTY OF Maricopa)

SS:

On this 19 day of July, 2000
Personally appeared before me Clare R. Cunningham 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.



Trina J. Randt
Notary Public

PATENT
REEL: 010986 FRAME: 0044

Signed at Mesa
County of Maricopa
This 24

day of July and State of Arizona, 2000.

Bryan W. Shirk
Bryan W. Shirk

STATE OF Arizona)
COUNTY OF Maricopa)

SS:

On this 24 day of July, 2000.

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.



Trina J. Randt
Notary Public

Signed at Mesa
County of Maricopa
This 24

day of July and State of Arizona, 2000.

Sheldon R. Fifield, Jr.
Sheldon R. Fifield, Jr.

STATE OF Arizona)
COUNTY OF Maricopa)

SS:

On this 24 day of July, 2000.

Personally appeared before me Sheldon R. Fifield, Jr., 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.



Trina J. Randt
Notary Public

Signed at Mesa
County of Maricopa
This 24

day of July and State of Arizona, 2000.

Vincent J. Mramor

Vincent J. Mramor

STATE OF Arizona)
COUNTY OF Maricopa)

SS:

On this 24

day of July, 2000.

Personally appeared before me Vincent J. Mramor 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.



Trina J. Randt
Notary Public

Signed at Mesa
County of Maricopa
This 21

day of July and State of Arizona, 2000.

Brian R. Pitstick

Brian R. Pitstick

STATE OF Arizona)
COUNTY OF Maricopa)

SS:

On this 21

day of July, 2000.

Personally appeared before me Brian R. Pitstick 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.



Trina J. Randt
Notary Public

Signed at Mesa
County of Maricopa
This 24

day of July and State of Arizona, 2000.

Eric C. Erike

Eric C. Erike

STATE OF *Arizona*)
COUNTY OF *Maricopa*)

SS:

On this *24*

day of *July*, 2000.

Personally appeared before me Eric C. Erike 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.



Trina J. Randt

Notary Public