

04-20-2000



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U.S. Department of Commerce
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OUR FILE TRW(VSSIM)4145

To the Honorable Commissioner of

101327706

attached original documents or copy thereof.

1. Name of conveying party(ies):

Cris C. Cabral

3-13-00

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

3. Nature of conveyance:

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

Execution Date: March 6, 2000

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

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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)

B. Patent No. (s)

Serial No. 09/374,872, filed August 16, 1999

Additional numbers attached? Yes No

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

Name: Thomas L. Tarolli

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)

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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

Date

Total number of pages including cover sheet, attachments, and document: 2

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

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PATENT
REEL: 010704 FRAME: 0187

ASSIGNMENT

WHEREAS, I, Cris C. Cabral, of Mesa, County of Maricopa, and State of Arizona; respectively, have made new and useful improvements in **APPARATUS FOR HELPING TO PROTECT A VEHICLE OCCUPANT'S LEGS**; for which application for Letters Patent of the United States has been filed on August 16, 1999 under Serial No. 09/374,872

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, I, the said Cris C. Cabral 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, said application Serial No. 09/374,872, for the United States patent, 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 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 and State of Arizona
This 6th day of March, ~~19~~XXX 2000


Cris C. Cabral

STATE OF)
) SS:
COUNTY OF)

On this 6th day of March, ~~19~~XXX . 2000
Personally appeared before me Cris C. Cabral 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.

Notary Public