

09-17-2002



SHEET

U.S. Department of Commerce
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OUR FILE TRW(AP)5924

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To the Honorable Commissioner

102223887

The attached original documents or copy thereof.

1. Name of conveying party(ies):

Keith R. Ball
Robert P. Ellis

9-10-02

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

2. Name and address of receiving party(ies)

Name: TRW Vehicle Safety Systems Inc.

Internal Address: _____

Street Address: 1900 Richmond Road

City: Lyndhurst State: OH Zip: 44124

Additional name(s) and address(es) attached? ☐ Yes ☐ No

3. Nature of conveyance:

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

Execution Date: September 4, 2002

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 September 4, 2002

A. Patent Application No.(s)

B. Patent No.(s)

10/238484

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: 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

9-10-02

Date

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

09/12/2002 EFLDRES 00000061 10238484

02 FC:581

40.00 DP

Mail Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington D.C. 20231PATENT
REEL: 013283 FRAME: 0986

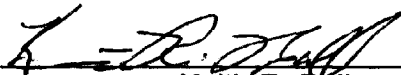
ASSIGNMENT

WHEREAS, we, Keith R. Ball and Robert P. Ellis, of Macomb Township, County of Macomb, and State of Michigan; of Metamora, County of Lapeer, and State of Michigan, along with Clare R. Cunningham, of have made new and useful improvements in **SEAT BELT PRETENSIONER**;

WHEREAS, TRW Vehicle Safety Systems Inc., a corporation duly organized and existing under the laws of the State of Delaware, having a place of business at Lyndhurst, County of Cuyahoga, State of Ohio, is desirous of acquiring our 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 Keith R. Ball and Robert P. Ellis, do hereby assign, sell and set over unto the said TRW Vehicle Safety Systems Inc. its successors or assigns, our 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 4th day of Sept 20 02, and the 4th day of Sept 20 02, 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 Vehicle Safety Systems 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 Vehicle Safety Systems 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 Vehicle Safety Systems Inc. its successors or assigns.

Signed at 4505 W. 26 Mile Rd, Washington, MI
County of MACOMB and State of MICHIGAN
This 4th day of September, 2002


Keith R. Ball

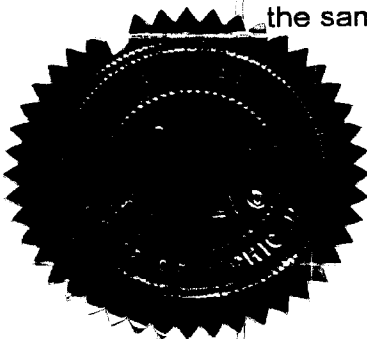
STATE OF MICHIGAN)
COUNTY OF MACOMB) SS:

On this 4th day of Sept, 2002
Personally appeared before me Keith R. Ball 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.

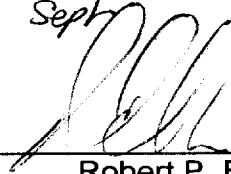

Notary Public

MARLYSE M. FERGUSON
NOTARY PUBLIC MACOMB CO., MI
MY COMMISSION EXPIRES Sep 28, 2003

PATENT
REEL: 013283 FRAME: 0987



Signed at 4505 W. 26 Mile, Washington
County of MACOMB and State of MICHIGAN
This 4th day of Sept, 2002



Robert P. Ellis

STATE OF MICHIGAN)
COUNTY OF MACOMB)

SS:

On this

4th

day of

Sept

, 2002

Personally appeared before me Robert P. Ellis 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

MARLYSE M. PERUSICH
NOTARY PUBLIC MACOMB CO., MI
MY COMMISSION EXPIRES Sep 28, 2003

