TO-1596

07-29-2002

HEET

U.S. Department of Commerce
Patent and Trademark Office

OUR FILE TRW(AP)4029-2

To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies):
   Douglas P. Campbell
   Gregory S. Bayley

   07/10/02

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: 7-1-02 & 6-24-02

4. Application number(s) or patent number(s):

   10/1193766

   If this document is being filed together with a new application, the execution date of the application is 7-1-02 & 6-24-02

   A. Patent Application 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: Tarolli, Sundheim, Covell,
   Tummino & Szabo L I, P.
   1111 Leader Building
   Street Address: 526 Superior Avenue
   City: Cleveland State: Ohio Zip: 44114-1490

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)

   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

   7-10-02

   Date

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

PATENT
REEL: 013116 FRAME: 0664
ASSIGNMENT

WHEREAS, we, Douglas P. Campbell and Gregory S. Bayley, of Metamora, County of Lapeer, and State of Michigan; and of Dryden, County of Lapeer, and State of Michigan, respectively, have made new and useful improvements in METHOD AND APPARATUS FOR ANTICIPATING A VEHICLE CRASH EVENT;

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 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 Douglas P. Campbell and Gregory S. Bayley, do hereby assign, sell and set over unto the said TRW Vehicle Safety Systems 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 __________ day of __________ 2002, and the __________ day of __________ 2002, 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 Washington
County of Macomb and State of Michigan
This 1 day of July, 2002

Douglas P. Campbell

STATE OF MICHIGAN )
) SS:
COUNTY OF MACOMB )

On this 1 day of July, 2002
Personally appeared before me Douglas P. Campbell 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

DOLORES M. PARRISH
NOTARY PUBLIC MACOMB CO., MI
MY COMMISSION EXPIRES Feb 28, 2004

PATENT
REEL: 013116 FRAME: 0665
Signed at Washington County of Macomb This 24

[Signature]
Gregory S. Bayley

STATE OF MICHIGAN )
COUNTY OF MACOMB ) SS:

On this 24 day of June, 2002. Personally appeared before me Gregory S. Bayley 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.

[Signature]
Dolores M. Parrish
Notary Public

DOLORES M. PARRISH
NOTARY PUBLIC MACOMB CO., MI
MY COMMISSION EXPIRES Feb 28, 2004

RECORDED: 07/10/2002

PATENT
REEL: 013116 FRAME: 0666