

11-22-2000



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HEET

U.S. Department of Commerce
Patent and Trademark Office

OUR FILE TRW(TE)4402

To the Honorable Commissione.

The attached original documents or copy thereof.

1. Name of conveying party(ies):

Stephen R. W. Cooper; Edward J. Gillis;
Ron Behar; and Chek-Peng FooAdditional name(s) of conveying party(ies) attached ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: September 28 and 29, 2000 and
October 12, 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

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 28 and 29, 2000 and
October 12, 2000

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: Ronald M. Kachmarik

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:

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

Ronald M. Kachmarik

Name of Person Signing

Reg. No. 34,512

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington D.C. 20231PATENT
REEL: 011254 FRAME: 0768

ASSIGNMENT

WHEREAS, we, Stephen R. W. Cooper, Edward J. Gillis, Ron Behar, and Chek-Peng Foo, of Fowlerville, County of Livingston, and State of Michigan; of South Lyon, County of Oakland, and State of Michigan; of Farmington Hills, County of Oakland, and State of Michigan; and of Ann Arbor, County of Washtenaw and State of Michigan respectively, have made new and useful improvements in **VEHICLE CRASH DETERMINATION ARRANGEMENT AND METHOD, UTILIZING CENTER OF GRAVITY, FOR AN OCCUPANT PROTECTION SYSTEM**;

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 Stephen R. W. Cooper, Edward J. Gillis, Ron Behar and Chek-Peng Foo 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 28th day of September 192000, 29th day of September 192000, the 12th day of October 192000, and the 29th day of September 192000, 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 Farmington Hills
County of Oakland and State of Michigan
This 28th day of September, 192000

Stephen R. W. Cooper
Stephen R. W. Cooper

STATE OF Michigan)
COUNTY OF Oakland) SS:

On this 28th day of September, 192000
Personally appeared before me Stephen R. W. Cooper 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.

DIANNA LANE JAMES
Notary Public, Wayne County, MI
My Commission Expires 09/30/02

Diana Lane James
Notary Public
Acting in Oakland County **PATENT**
REEL: 011254 FRAME: 0769

Signed at Farmington Hills
County of Oakland and State of Michigan
This 29th day of September, 192000

Edward J. Gillis
Edward J. Gillis

STATE OF Michigan)
COUNTY OF Oakland) SS:

On this 29th day of September, 192000
Personally appeared before me Edward J. Gillis 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.

DIANNA LANE JAMES
Notary Public, Wayne County, MI
My Commission Expires 09/3/2002

Dianna Lane James
Notary Public
Acting in Oakland County

Signed at Farmington Hills
County of Oakland and State of Michigan
This 12th day of October, 192000

Ron Behar
Ron Behar

STATE OF Michigan)
COUNTY OF Oakland) SS:

On this 12th day of October, 192000
Personally appeared before me Ron Behar 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.

Dianna Lane James
Notary Public
Acting in Oakland County

DIANNA LANE JAMES
Notary Public, Wayne County, MI
My Commission Expires 09/3/2002

Signed at FARMINGTON HILLS
County of OAKLAND and State of MICHIGAN
This 29th day of SEPTEMBER, 19 2000

Chek Peng Foo
Chek-Peng Foo

STATE OF Michigan)
COUNTY OF Oakland) SS:

On this 29th day of September, 19 2000
Personally appeared before me Chek-Peng Foo 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.

Dianna Lane James
Notary Public
Acting in Oakland County

DIANNA LANE JAMES
Notary Public, Wayne County, MI
My Commission Expires 09/3/2002