

04-12-2001

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Nicholas M. Zayan; Stephen R. W. Cooper;
Jon K. Wallace; and Farid KhairallahAdditional name(s) of conveying party(ies) attached ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: March 21, 2001

2. Name and address of receiving party(ies)

Name: TRW Inc.

Internal Address: _____

Street Address: 1900 Richmond RoadCity: Lyndhurst State: OH Zip: 44124Additional 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 March 21, 2001

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. KachmarikInternal Address: Tarolli, Sundheim, Covell,Tummino & Szabo L.L.P.1111 Leader BuildingStreet Address: 526 Superior AvenueCity: Cleveland State: Ohio Zip: 44114-14006. Total number of applications and patents involved: 17. 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*Ronald M. Kachmarik
Name of Person Signing
Reg. No. 34,512Ronald M. Kachmarik
Signature3/26/01
DateTotal number of pages including cover sheet, attachments, and document: 4Mail Documents to be recorded with required cover sheet information to:
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Washington D.C. 20231

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PATENT
REEL: 011656 FRAME: 0525

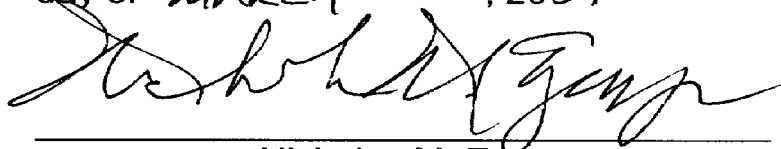
ASSIGNMENT

WHEREAS, we, Nicholas M. Zayan, Stephen R. W. Cooper, Jon K. Wallace and Farid Khairallah, of Fenton, County of Genesee, and State of Michigan; of Fowlerville, County of Livingston, and State of Michigan; of Redford, County of Wayne, and State of Michigan; and of Farmington Hills, County of Oakland, and State of Michigan respectively, have made new and useful improvements in **VEHICLE OCCUPANT POSITION SENSOR UTILIZING IMAGE FOCUS ATTRIBUTES**;

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 Nicholas M. Zayan, Stephen R. W. Cooper, Jon K. Wallace and Farid Khairallah 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 21 day of MARCH 2001, 21st day of March 2001, and the 21st day of March 2001, 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 MI
This 21 day of MARCH, 2001




Nicholas M. Zayan

STATE OF Michigan)
COUNTY OF Oakland) SS:

On this 21st day of March, 2001.
Personally appeared before me Nicholas M. Zayan 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



Notary Public
Acting in Oakland **PATENT**

REEL: 011656 FRAME: 0526

Signed at Farmington Hills
County of ~~Wayne~~ Oakland and State of Michigan
This 21st day of March, 2001.

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

STATE OF Michigan)
COUNTY OF Oakland) SS:

On this 21st day of March, 2001.
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 09/3/2002

Dianna Lane James
Notary Public
Acting in Oakland County

Signed at Farmington Hills
County of Oakland and State of MI
This 21 day of March, 2001.

Jon K. Wallace
Jon K. Wallace

STATE OF Michigan)
COUNTY OF Oakland) SS:

On this 21st day of March, 2001.
Personally appeared before me Jon K. Wallace 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 21st day of March, 2001.

Farid Khairallah
Farid Khairallah

STATE OF Michigan)
COUNTY OF Oakland) SS:

On this 21st day of March, 2001.
Personally appeared before me Farid Khairallah 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