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To the Honorable Commissioner of Patents and Trademarks, Washington, D.C. 20231
101862171 attached original documents or copy thereof.

1. Name of conveying party(ies):
Barry (NMI) Dunbridge
Kenneth L. Brown
George W. McIver
Additional name(s) of conveying party(ies) attached? Yes No

9.24.01

2. Name and address of receiving party(ies):
Name: TRW Inc.
Internal Address: Law Department, E2/6051
Street Address: One Space Park
City: Redondo Beach State: CA ZIP 90278
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: August 23, 2001

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: July 6, 2001
A. Patent Application No.(s)
09/900,324
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: TRW Inc., Patent Counsel
Internal Address: Law Department, E2/6051
Street Address: One Space Park
City: Redondo Beach State: CA ZIP: 90278

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 number:
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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.
Noel F. Heal REG. NO 26074
Name of Person Signing Signature Date 9/18/01
Total number of pages including cover sheet, attachments, and document: 8

PATENTS ONLY

1. Name of conveying party(ies):

Kiran R. Magiawala

Kelly D. Chilcott

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

2. Name and address of receiving party(ies):

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name: _____

Internal Address: _____

Street Address: _____

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

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B. Patent No.(s)

Additional numbers attached? Yes No

ASSIGNMENT

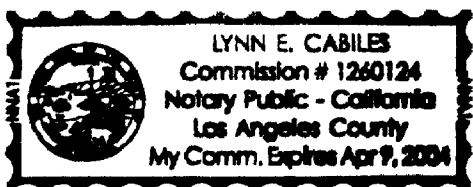
For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Barry (NMI) Dunbridge, Kenneth L. Brown, George W. McIver, Kiran R. Magiawala, and Kelley D. Chilcott respectively, of Torrance, California, Manhattan Beach, California, Redondo Beach, California, Hawthorne, California, and Redondo Beach, California, do hereby sell and assign to TRW Inc., One Space Park, Redondo Beach, California, an Ohio corporation, its successors and assigns, the entire right, title and interest in and to the improvements in **TIRE AND SUSPENSION WARNING AND MONITORING SYSTEM** which has been invented by us, as described in the application for United States Patent which we executed respectively, on August 27, 2001, September 10, 2001, August 27, 2001, August 23, 2001, and August 27, 2001, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations, and extensions thereof, and the right to claim the priority date of the first filed application in the United States, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said TRW Inc., or its successors or assigns, and agree that on request and without further consideration, but at the expense of TRW Inc., we will communicate to TRW Inc. or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally do everything possible to aid TRW Inc., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

<u>20 August</u> , 2001	Inventor: <u>Barry Dunbridge</u> Barry (NMI) Dunbridge
<u>10 September</u> 2001	Inventor: <u>Kenneth L. Brown</u> Kenneth L. Brown
<u>27 August</u> , 2001	Inventor: <u>George W. McIver</u> George W. McIver
<u>23 RD AUGUST</u> , 2001	Inventor: <u>Kiran R. Magiawala</u> Kiran R. Magiawala
<u>27th August</u> , 2001	Inventor: <u>Kelley D Chilcott</u> Kelley D. Chilcott

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On August 31, 2001 before me, Lynn E. Cabiles
personally appeared Barry (NMI) Dunbridge
X personally known to me ~~-or-~~ ~~proved to me on the basis of~~
~~satisfactory evidence~~ to be the person whose name is subscribed to
the within instrument and acknowledged to me that (he/she) executed
the same in (his/her) authorized capacity, and that by (his/her)
signature on the instrument the person, or the entity upon behalf
of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Lynn E. Cabiles
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On September 10, 2001 before me, Lynn E. Cabiles
personally appeared Kenneth L. Brown
~~personally known to me -or-~~ X proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to
the within instrument and acknowledged to me that (he/she) executed
the same in (his/her) authorized capacity, and that by (his/her)
signature on the instrument the person, or the entity upon behalf
of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Lynn E. Cabiles
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On August 27, 2001 before me, Lynn E. Cabiles
personally appeared George W. McIver

X personally known to me ~~or~~ X proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to
the within instrument and acknowledged to me that he/~~she~~ executed
the same in his/~~her~~ authorized capacity, and that by his/~~her~~
signature on the instrument the person, or the entity upon behalf
of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Lynn E. Cabiles
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On August 23, 2001 before me, Lynn E. Cabiles
personally appeared Kiran R. Magiawala

~~personally known to me~~ ~~or~~ X proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to
the within instrument and acknowledged to me that he/~~she~~ executed
the same in his/~~her~~ authorized capacity, and that by his/~~her~~
signature on the instrument the person, or the entity upon behalf
of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Lynn E. Cabiles
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On August 27, 2001 before me, Lynn E. Cabiles
personally appeared Kelley D. Chilcott
~~personally known to me~~ ~~or~~ X proved to me on the basis of
satisfactory evidence to be the person whose name is subscribed to
the within instrument and acknowledged to me that he/she executed
the same in his/her authorized capacity, and that by his/her
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of which the person acted, executed the instrument.

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Lynn E. Cabiles
Notary Public

(SEAL)