

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

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03-23-1999



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Patent and Trademark OfficeOUR FILE TRW(M)3949  
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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):  
Joseph D. Miller and Ivan J. WilliamsAdditional name(s) of conveying party(ies) attached ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: February 17 and 10, 1999

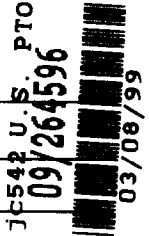
2. Name and address of receiving party(ies)

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 February 17 and 10, 1999

A. Patent Application No.(s)

03/17/1999 HORDON 00000035 09264596

04 FC:581

B. Patent No.(s)

40.00 OP

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document  
should be mailed:

Name: Barry L. Tummino

Internal Address: Tarolli, Sundheim, Covell,

Tummino &amp; 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)

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

Barry L. Tummino

Name of Person Signing

Reg. No. 29,709

Signature

Date

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

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

PATENT  
REEL: 9824 FRAME: 0368

# ASSIGNMENT

WHEREAS, we, Joseph D. Miller and Ivan J. Williams, of Farmington Hills, County of Oakland, and State of Michigan; and of Rolling Hills, County of Los Angeles, and State of California, respectively, have made new and useful improvements in **METHOD AND APPARATUS FOR DETECTING A MOTOR STALL CONDITION IN AN ELECTRIC ASSIST STEERING 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 Joseph D. Miller and Ivan J. Williams, 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 17<sup>th</sup> day of February 1999, and the 10<sup>th</sup> day of February 1999, 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 TRW Inc.  
County of Macomb and State of Michigan  
This 17<sup>th</sup> day of February, 1999

Joseph D. Miller  
Joseph D. Miller

STATE OF Michigan )  
COUNTY OF Macomb ) SS:

On this 17 day of February 1999  
Personally appeared before me Joseph D. Miller 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.

Carole Lynne Sipila  
Notary Public  
CAROLE LYNNE SIPILA  
Notary Public, Macomb County, MI  
My Commission Expires Jan. 13, 2003

Signed at  
County of LOS ANGELES  
This 10

and State of CALIFORNIA  
day of FEB., 1999

Ivan J. Williams  
Ivan J. Williams

STATE OF CALIFORNIA )  
COUNTY OF LOS ANGELES )

SS:

On this 10 day of FEB., 1999.  
Personally appeared before me Ivan J. Williams 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.

Alma del Rosario  
Notary Public

