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101030300

attached original documents or copy thereof.

1. Name of conveying party(ies):
Leonid Bogdanov

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 ☐ NoAdditional name(s) of conveying party(ies) attached ☐ Yes ☐ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: April 14, 1999

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 April 14, 1999

A. Patent Application No.(s)

B. Patent No.(s)

09/299111

Additional numbers attached? ☐ Yes ☐ No5. 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.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

THOMAS L. TAROLLI

Name of Person Signing

Reg. No. 20,177

Signature

4-23-99

Date

Total number of pages including cover sheet, attachments, and document: 2Mail Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington D.C. 20231

05/03/1999 SCARNICH 00000090 09299111

03 FC:581

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PATENT
REEL: 9924 FRAME: 0967

ASSIGNMENT

WHEREAS, I, Leonid Bogdanov, of Troy, County of Oakland, and State of Michigan, have made new and useful improvements in TORQUE SENSING APPARATUS AND METHOD;

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 me paid, the receipt whereof is hereby acknowledged, I, the said Leonid Bogdanov, 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 me on the 14 day of APRIL 1999, all patents granted 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 I 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 I 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 S
County of MACOMB and State of MICHIGAN
this fourteenth day of APRIL, 1999.

Leonid V. Bogdanov
Leonid Bogdanov

STATE OF Michigan)
COUNTY OF Macomb) SS:

On this 14th day of April, 1999,
personally appeared before me Leonid Bogdanov 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.

Kathleen A. Darga
Notary Public
KATHLEEN A. DARGA
Notary Public, Macomb County, MI
My Commission Expires Aug 4, 2000