45 0 0 0 h	ET U.S. Department of Commerce Patent and Trademark Office  OUR FILE TRW(RG)6278  t  attached original documents or copy thereof.
1. Name of conveying party(ies): Daniel E. Williams  Additional name(s) of conveying party(ies) attached  Yes  No	2. Name and address of receiving party(ies)  Name: TRW Inc.  Internal Address:
3. Nature of conveyance:  ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other	Street Address: 1900 Richmond Road  City: Lyndhurst State: OH Zip: 44124
Execution Date: September 6, 2002	Additional name(s) and address(es) attached?
4. Application number(s) or patent number(s):  If this document is being filed together with a new application.  A. Patent Application No.(s)  8/24/2002 HLE333 00000029 10251393  FC:581 40.000  Additional number	the execution date of the application is <u>September 6, 2002</u> B. Patent No.(s)  rs attached?   Yes  No  No  No  No  No  No  No  No  No  No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: THOMAS L. TAROLLI, ESQ.  Internal Address: Tarolli, Sundheim, Covell,  Tummino & Szabo L L.P.	7. Total fee (37 CFR 3.41)\$40.00  ☑ Enclosed ☐ Authorized to be charged to deposit account.
Street Address: 526 Superior Avenue	8. Deposit Account No.  20-0090
City: <u>Cleveland</u> State: <u>Ohio</u> Zip: <u>44114-1400</u> DO No	(Attach duplicate copy of this page if paying by deposit account)  OT 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  THOMAS L. TAROLLI Name of Person Signing  Peg No. 20 177	

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

Total number of pages including cover sheet, attachments, and document: 2

## ASSIGNMENT

WHEREAS, I, Daniel E. Williams, of West Lafayette, County of Tippecanoe, and State of Indiana, have made new and useful improvements in BALL JOINT ASSEMBLY WITH WEAR INDICATION;

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 Daniel E. 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 me on the 6th day of September 2007, 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 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 Commercial Steering Systems, Lafayette County of Tippecanoe and State of Indiana This 6th day of September , 2002.

STATE OF INDIANA

SS:

COUNTY OF TIPPECANOE

loth day of Soptember, 2002. On this

Personally appeared before me Daniel E. 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.

EVA M. McCORD OFFICIAL SEAL
Notary Public, State of Indiana
County of Residence - Tippecance
My Commission Expires Sept. 29, 2007

> **PATENT** REEL: 013317 FRAME: 0700

RECORDED: 09/20/2002