(Rev. 6-93)  OMB No. 0651-0011 (exp. 4/94)	8 - 29 - 2000 F	U.S. Department of Commerce Patent and Trademark Office OUR FILE TRW(RG)4721    original documents or copy thereof
1. Name of conveying party(ies):  Mark A. Cartwright  Additional name(s) of conveying party(ies) attached  Yes  No  3. Nature of conveyance:  Assignment	Name and address of receiving     Name: <u>TRW Inc.</u> Internal Address:	g party(ies)
Execution Date: August 4, 2000	City:Lyndhurst State: Ql  Additional name(s) and add	H Zip: 44124  tress(es) attached?  Yes  No
Name and address of party to whom correspondence concerning document	B. Patent No.(s) ers attached?  Yes  No 6. Total number of applications a	and patents involved:
5. 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.	ers attached?  Yes  No  6. Total number of applications a  7. Total fee (37 CFR 3.41)\$  Enclosed Authorized to be charged t	40.00
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5. 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 Building  Street Address: 526 Superior Avenue  17/2000 PSIGNBAC 00000041 09634386 City: Cleveland State: Onlo Zip: 44114-1400	ers attached? Yes No  6. Total number of applications a  7. Total fee (37 CFR 3.41)\$  Enclosed Authorized to be charged t  8. Deposit Account No. 20-0090 (Attach duplicate copy of this p	o deposit account.  page if paying by deposit account)

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, Mark A. Cartwright, of West Lafayette, County of Tippecanoe, and State of Indiana, have made new and useful improvements in LOCKING MECHANISM FOR TILT STEERING COLUMN;

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 Mark A. Cartwright, 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 \_\_\_\_\_\_\_ 4th\_ day of \_\_August \_\_\_\_\_\_ 20\_\_\_\_, 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.

Sigr	ned at TRW C	OMMERCIAL S	TEERING SYST.	EMS, LAFAYETTE	-
County of	TIPPECAN	DE	and State	of INDIANA	
This	4 174	day of	AUGUST	, 20 <b>00</b>	

Mark A. Cartwright

STATE OF INDIANA )

COUNTY OF TIMECANDE )

On this 4th day of August, 2000. Personally appeared before me Mark A. Cartwright 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.

Notary Public

My Commission Expires: 9/29/2007

PATENT
RECORDED: 08/09/2000 REEL: 011023 FRAME: 0967