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HEET U.S. Department of Commerce  
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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):  
Christian Lorenz  
  
09/26/01  
Additional name(s) of conveying party(ies) attached  Yes  No

2. Name and address of receiving party(ies)  
Name: TRW Automotive Safety Systems GmbH & Co. KG  
Internal Address: \_\_\_\_\_  
Hefner-Alteneck-Strasse 11, 63743 Aschaffenburg, GERMANY  
Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Additional name(s) and address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: September 12, 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 September 12, 2001  
A. Patent Application No.(s)  
09/963909  
B. Patent No.(s)  
Additional numbers attached?  Yes  No

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  
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)

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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  
  
Thomas Tarolli  
Signature  
  
9-26-01  
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: 012207 FRAME: 0787

A S S I G N M E N T

WHEREAS, I, **Christian LORENZ**, of Ebersbacher Strasse 66, 63849 Leidersbach 3, Germany, have made new and useful improvements in a

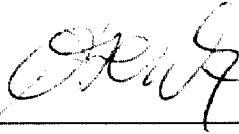
**VEHICLE STEERING WHEEL**

WHEREAS, **TRW Automotive Safety Systems GmbH & Co. KG**, a corporation duly organized and existing under the laws of the Federal Republic of Germany, having a place of business at Hefner-Alteneck-Strasse 11, 63743 Aschaffenburg, Germany, 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 **Christian LORENZ**, do hereby assign, sell and set over unto the said **TRW Automotive Safety Systems GmbH & Co. KG**, its successors or assigns; the entire right, title and interest in and to the aforesaid improvements and any and all inventions pertaining thereto, the application for United States patent executed by me on the 12 day of September, 2001, 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 Automotive Safety Systems GmbH & Co. KG**, 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 Automotive Safety Systems GmbH & Co. KG**, its successors or assigns in order fully to 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 Automotive Safety Systems GmbH & Co. KG**, its successors or assigns.

Executed this 12 day of September, 2001.



Christian LORENZ

Witnessed:

