

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Rainer Engel	08/12/2008
Heinz-Dieter Heitzer	07/02/2008
RECEIVING PARTY DATA	
Name:	TRW Automotive GmbH
Street Address:	Industriestrasse 20
City:	73553 Alfdorf
State/Country:	FEDERAL REPUBLIC GERMANY
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12198144
CORRESPONDENCE DATA	
Fax Number:	(419)255-9639
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	4192555900
Email:	docketing@mstfirm.com
Correspondent Name:	MacMillan, Sobanski & Todd, LLC
Address Line 1:	720 Water Street
Address Line 2:	One Maritime Plaza
Address Line 4:	Toledo, OHIO 43604
ATTORNEY DOCKET NUMBER:	1-50422
NAME OF SUBMITTER:	Douglas V. Pavelko
Total Attachments: 1 source=50422assignment#page1.tif	

CH \$40.00 12198144

A S S I G N M E N T

WHEREAS, we,

Rainer ENGEL
Tivolidyk 26
47803 Krefeld / Germany

Heinz-Dieter HEITZER
Josef-Spehl-Strasse 1
52525 Heinsberg / Germany

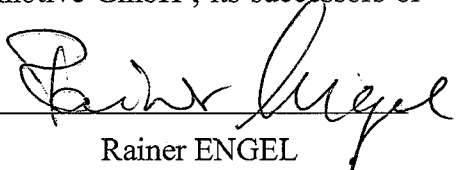
have made new and useful improvements in a

Torque Sensor for a Steering Wheel

WHEREAS, TRW Automotive GmbH , a corporation duly organized and existing under the laws of the Federal Republic of Germany, having a place of business at Industriestrasse 20, 73553 Alfdorf, Federal Republic of 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 us paid, the receipt whereof is hereby acknowledged, we, the said Rainer ENGEL and Heinz-Dieter HEITZER, do hereby assign, sell and set over unto the said TRW Automotive GmbH , 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 us on the 12 day of August, 2008 and on the 2 day of July, 2008, 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 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 Automotive GmbH , 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 Automotive GmbH , 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 GmbH , its successors or assigns.

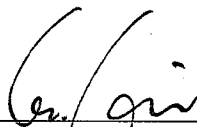
Executed this 12 day of August, 2008

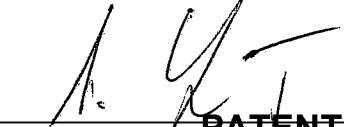

Rainer ENGEL

Executed this 2 day of July, 2008


Heinz-Dieter HEITZER

Witnessed:


M. Glöckner


PATENT