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Practitioner's Docket No. TRW

IN THE UNITED STATES

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DESIGNATED OFFICE (DO/US)

PCT/EP98/05644	04 September 1998 (4.09.98)	06 September 1997 (6.09.97)
International Application Number	International Filing Date	International Earliest Priority Date

TITLE OF INVENTION: STEERING DEVICE WITH MEASURED VALUE TRANSMITTER

APPLICANT FOR DO/US: NIGRIN, Anke; TSCHOP, Winfried; KREUZER, Martin;  
BOSSLER, Hans-Jurgen; and RANDAU, Ulrich

Box PCT

Assistant Commissioner for Patents

Washington, D.C. 20231

ATTENTION: DO/US

**COVER SHEET FOR ASSIGNMENT (37 CFR 1.331) ACCOMPANYING  
INTERNATIONAL APPLICATION ENTERING NATIONAL STAGE  
IN U.S. DESIGNATED OFFICE (DO/US) UNDER 35 U.S.C. 371**

**IDENTIFICATION OF APPLICATION (37 CFR 3.21 and 37 CFR 3.31(a)(4))**

1. The patent application filed herewith, and to which the attached assignment (document) refers, is identified as follows:

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**CERTIFICATION UNDER 37 C.F.R. 1.10\***

*(Express Mail label number is mandatory.)*

*(Express Mail certification is optional.)*

I hereby certify that this "Cover Sheet for Assignment (Document) Accompanying Application Entering National Phase", along with any document referred to, is being deposited with the United States Postal Service on this date 5-6-99 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EJ 107 495 309 US addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Teresa Ragone

*(type or print name of person mailing paper)*

Teresa Ragone

**Signature of person mailing paper**

**WARNING:** Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

**\*WARNING:** Each paper on file by "Express Mail" **must** have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Cover Sheet for Assignment Application Accompanying International Application Entering National Stage in U.S. Designated Office (DO/US) under 35 USC 371—page 1 of 5)

a. Name of each inventor and Dates of execution:

1. NIGRIN, Anke	30 March 1999
2. TSCHOP, Winfried	14 April 1999
3. KREUZER, Martin	19 April 1999
4. BOSSLER, Hans-Jurgen	19 April 1999
5. RANDAU, Ulrich	22 April 1999

c. Title of invention: STEERING DEVICE WITH MEASURED VALUE TRANSMITTER

**NAME OF PARTY(IES) CONVEYING INTEREST**

2. The party(ies) conveying this interest is (are):

Name 1: ANKE, Nigrin  
Name 2: TSCHOP, Winfried  
Name 3: KREUZER, Martin  
Name 4: BOSSLER, Hans-Jurgen  
Name 5: RANDAU, Ulrich

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST**

3. The rights are being conveyed to:

Name: TRW AUTOMOTIVE SAFETY SYSTEMS GmbH & Co.KG  
Address: Hefner-Alteneck-Strasse 11  
Aschaffenburg, 63743 GERMANY  
Telephone No.:

**DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED**

4. The accompanying document intends to accomplish an assignment.

Office (DO/US) under 35 USC 371—page 2 of 5)

(Cover Sheet for Assignment Application Accompanying International Application Entering National Stage in U.S. Designated

**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE  
SHOULD BE MAILED**

5. Please address correspondence to:

Name: Thomas L. Tarolli  
TAROLLI, SUNDHEIM, COVELL, TUMMINO & SZABO

Address: 1111 Leader Building  
Cleveland, OH 44114

Telephone No.: (216) 621-2234

**DATE ASSIGNMENT (DOCUMENT) EXECUTED**

6. On April 22, 1999, the attached assignment was executed by  
NIGRIN, Anke  
TSCHOP, Winfried  
KREUZER, Martin  
BOSSLER, Hans-Jurgen  
RANDAU, Ulrich

**LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED**

7. The attached document: is in the English document.

**ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED**

8. Submitted herewith is: the original document.

**NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET  
AND THE FEE**

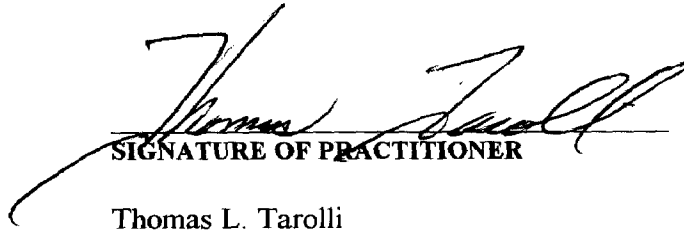
9. A. This cover sheet identifies only one application.  
B. The fee for recordal (37 CFR 1.21(h)) is \$40.00.  
Attached is a check for \$40.00.

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(Cover Sheet for Assignment Application Accompanying International Application Entering National Stage in U.S. Designated Office (DO/US) under 35 USC 371—page 3 of 5)

**STATEMENT AND SIGNATURE**

10. 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.

  
SIGNATURE OF PRACTITIONER  
Thomas L. Tarolli

Reg. No. 20,177  
Tel. No.: (216) 621-2234

TAROLLI, SUNDHEIM, COVELL, TUMMINO & SZABO  
1111 Leader Building  
Cleveland, OH 44114

**TOTAL NUMBER OF PAGES BEING SUBMITTED**

11. The total number of pages being submitted, including cover sheet attachment(s), and documents are 7

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(Cover Sheet for Assignment Application Accompanying International Application Entering National Stage in U.S. Designated

## A S S I G N M E N T

WHEREAS, We, Anke NIGRIN, Winfried TSCHÖP, Martin KREUZER, Hans-Jürgen BOSSLER and Ulrich RANDAU of Stoltestrasse 24, 97816 Lohr, Germany; of Ringstrasse 23, 97892 Kreuzwertheim, Germany; of Wendelinusweg 2, 63839 Kleinwallstadt, Germany; of Meisenweg 22, 64839 Münster, Germany; and of Kopsbühl 68, 78048 Villingen-Schwenningen, Germany, respectively, have made new and useful improvements in a

### STEERING DEVICE WITH MEASURED VALUE TRANSMITTER

WHEREAS, TRW Automotive Safety Systems GmbH & Co. KG, a corporation duly organized and existing under the laws of the Federal Republic of Germany, having its place of business at Hefner-Altenneck-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 us paid, the receipt whereof is hereby acknowledged, We, the said, Anke NIGRIN, Winfried TSCHÖP, Martin KREUZER, Hans-Jürgen BOSSLER and Ulrich RANDAU 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 us on the 30 day of March, 1999, the 14 day of April, 1999, the 19 day of April, 1999, the 19 day of April, 1999, and the 22 day of April, 1999, respectively, 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

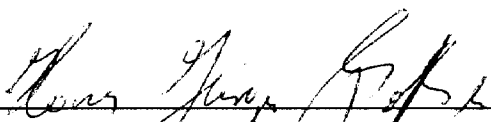
We hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said **TRW Automotive Safety Systems GmbH & Co. KG**, its successors or assigns; and We further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said **TRW Automotive 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 22 day of April, 1999.

  
Anke NIGRIN

  
Winfried TSCHÖP

  
Martin KREUZER

  
Hans-Jürgen BOSSLER

  
Ulrich RANDAU

Witnessed:

*Heist*  
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*Heist*  
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