

07-15-2003



102496365

**MAIL STOP ASSIGNMENT**  
**Commissioner of Patents**  
**P. O. Box 1450**  
**Alexandria, VA 22313-1450**

17399 U.S. PTO  
10/612681  
07/02/03

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying parties:  
**Hubert REMMLINGER, Robert INGENBLEEK,  
Gabriele SCHUWERK and Rolf SCHMITZ**

7.2.03

2. Name and address of receiving party:  
Name: **ZF FRIEDRICHSHAFEN AG**  
Internal Address: \_\_\_\_\_

07/08/2003 HMARZ11 00000051 10612681

FC:8021 40.00 DP

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Street Address:  
**D-88038 Friedrichshafen  
FEDERAL REPUBLIC OF GERMANY**

Additional name(s) & address(es) attached?  Yes  No

Execution Date: May 8, 2003, May 9, 2003, May 9, 2003 & May 9, 2003

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: May 8, 2003, May 9, 2003, May 9, 2003 & May 9, 2003

A. Patent Application No.(s) filed on 10612681

B. Patent No(s). issued on \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Customer No. 020210  
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PATENT & TRADEMARK OFFICE



020210

Attorney Docket: **ZAHFRI P521US**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

is enclosed.  
 was previously paid.  
 Please charge any fee deficiency or credit any overpayment to our Deposit Account listed below.

8. Deposit account number:

04-0213

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Michael J. Bujold  
Name of Attorney of Record

*Michael J. Bujold*  
Signature

July 2, 2003  
Date

Attorney Registration No. 32,018

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

**ASSIGNMENT OF APPLICATION FOR PATENT**

WHEREAS: **Hubert Remmlinger, Wolfgangstraße 13 , 88046 Friedrichshafen , Federal Republic of Germany**  
**Robert Ingenbleek, Zimbaweg 7 , 88079 Kressbronn , Federal Republic of Germany**  
 Name(s) and **Gabriele Schuwerk, Schussenstr. 10, 88212 Ravensburg, Federal Republic of Germany**  
 address(es)of **Rolf Schmitz, Taldorfer Str. 46 , 88048 Friedrichshafen , Federal Republic of Germany**  
 inventor(s)

(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

Title of **METHOD AND DEVICE FOR MACHINE DIAGNOSIS, ESPECIALLY FOR TRANSMISSION**  
 Invention **DIAGNOSIS**

for which application for Letters Patent of the United States has been executed on even date herewith

AND WHEREAS: **ZF FRIEDRICHSHAFEN AG**  
 Name and **D-88038 Friedrichshafen**  
 address of **Federal Republic of Germany**  
 assignee

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained herefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration, of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$ 1.00), the receipt, of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with the assignment and sale:

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent (acts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, have hereunto set hand and seal this  
 day of

Full name(s)  
 of inventor(s)

08.05.03

*Hubert Remmlinger*  
 .....  
 Hubert Remmlinger

09.05.03

*Robert Ingenbleek*  
 .....  
 Robert Ingenbleek

09.05.03

*Gabriele Schuwerk*  
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*Rolf Schmitz*  
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