1/0 581.40 FORM PTO-1595 PATENTS ONLAZO Recid PCT/PTO 3 4 OCT 1999 11-23-92 02-01-2000 **Box Assignments Commissioner of Patents and Trademarks** Washington, D.C. 20231 101254928 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying parties: 2. Name and address of receiving party: Christian POPP, Friedrich TENBROCK and Name: ZF FRIEDRICHSHAFEN AG Hansjörg ROSI Internal Address: 3. Nature of Conveyance: Street Address: D-88038 Friedrichshafen Assignment ☐ Merger Federal Republic of Germany ☐ Security Agreement ☐ Change of Name ☐ Other Additional name(s) & address(es) attached? ☐ Yes Execution Date: ____June 30, 1999, June 30, 1999 & July 1, 1999 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: June 30, 1999, June 30, 1999 & July 1, 1999 A. Patent Application No.(s) filed on B. Patent No(s). issued on 9/402371 Additional numbers attached?

Yes No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning decument should be mailed: 7. Total fee (37 CFR 3.41)......\$ 40.00 10/07/1999 WCLAYBRD 00000124 09402378 Customer No. 020210 09aFus5and Bulold 40.00 BP ■ is enclosed. **Fourth Floor** 500 North Commercial Street was previously paid. Manchester NH 03101 Telephone 603-624-9220 ■ Please charge any fee deficiency or credit any overpayment to Facsimile 603-624-9229 our Deposit Account listed below. E-mail: patent@tiac.net Attorney Docket: ZAHFRI P214US 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. Anthony G.M. Davis

Signature

Name of Attorney of Record

Attorney Registration No. 27,868

OMB No. 0651-0011 (exp. 4/94)

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

PATENT REEL: 010505 FRAME: 0579

Date

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Christian Popp, Dorfstraße 27, 88079 Kressbronn, Federal Republic of Germany Friedrich Tenbrock, Hölderlinstr. 4, 88085 Langenargen, Federal Republic of Germany Hansjörg Rosi, Schussenstr. 14, 88074 Meckenbeuren, Federal Republic of Germany

Name(s) and address(es)of inventor(s)

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

Title of Invention

INCREASED AUTOMATIC GEAR BOX SPONTANEITY

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

Name and address of assignee

ZF FRIEDRICHSHAFEN AG

D-88038 Friedrichshafen

Federal Republic of Germany

(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 convenants 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 30.6, 19 34

Full name(s) of inventor(s)

30.6.99

AND WHEREAS:

30.6.99

01.07.99

hristian Popp

Friedrich Tenbrock

Hansiöra Rosi

PATENT REEL: 010505 FRAME: 0580

RECORDED: 10/04/1999