A1058140 **FORM PTO-1595** U.S. DEPARTMENT OF COMMERCE EET Patent and Trademark Office 11-23-92 07-17-2001 JC03 Rec'd PCT/PTO 1 9 APR IDON 101778710 **Box Assignments Commissioner of Patents and Trademarks** Washington, D.C. 20231 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: Markus HENNEKEN, Friedemann JAUCH, Name: ZF FRIEDRICHSHAFEN AG Kai-Uwe HERBSTER, Franz-Josef SCHULER and Thomas MAUZ Internal Address: Additional name(s) of conveying party(les) attached?

Yes No Street Address: 3. Nature of Conveyance: D-88038 Friedrichshafen Assignment ☐ Merger Federal Republic of Germany ☐ Security Agreement ☐ Change of Name Other . Additional name(s) & address(es) attached?

Yes Execution Date: Jan. 22, 2001, Jan. 24, 2001, Jan. 22, 2001, Jan 19, 2001 and Jan. 18, 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: Jan. 22, 2001, Jan. 24, 2001, Jan. 22, 2001, Jan 19, 2001 and Jan. 18, 2001 A. Patent Application No.(s) filed on with an effective filing date B. Patent No(s). issued on of October 16, 1999 Additional numbers attached?
Yes No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: document should be mailed: 7. Total fee (37 CFR 3.41).....\$_40.00 Customer No. 020210 Davis & Bujold, P.L.L.C. is enclosed. Fourth Floor 500 North Commercial Street ☐ was previously paid. Manchester NH 03101-1151 ■ Please charge any fee deficiency or credit any overpayment to Telephone 603-624-9220 Facsimile 603-624-9229 our Deposit Account listed below. E-mail: patent@davisandbujold.com 8. Deposit account number: Attorney Docket: ZAHFRI P318US 04/23/2001 UEBUVIJE 00000110 09807911 (Attach duplicate copy of this page if paying by deposit account) 02 FC1581

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.

9. Statement and signature.

Anthony G.M. Davis
Name of Attorney of Record

Attorney Registration No. 27,868

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

April 19, 2001

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

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

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

Markus Henneken, Betznauer Str. 12, 88079 Kressbronn, Federal Republic of Germany Friedemann Jauch, Ginsterweg 18, 88074 Meckenbeuren, Federal Republic of Germany Kai-Uwe Herbster, Tannenweg 57, 88046 Friedrichshafen, Federal Republic of Germany Franz-Josef Schuler, Untermühleweg 14, 88079 Kressbronn, Federal Republic of Germany Thomas Mauz, Goethestr. 47, 88079 Kressbronn, Federal Republic of Germany

Title of Invention

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

METHOD FOR CONTROLLING AN AUTOMATIC GEARBOX

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

AND WHEREAS: ZF FRIEDRICHSHAFEN AG

Name and address of assignee

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

74 day of 700 2001

Full name(s) of inventor(s)

22.01.01

Markus Henneken

24.01.01

Friedemann Jauch

22 01 01

22.01.01

Kai-Hwe Herbster

19.01.01

Franz-Josef Schuler

18.01.01

Thomas Maux

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PATENT
RECORDED: 04/19/2001 REEL: 011971 FRAME: 0483