Form PTO-1595 (Rev. 03/01)

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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102329003 OMB No. 0651-0027 (exp. 5/31/2002) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Ronald P. Muetzel Name: ZF Meritor, LLC Robert A. Sayman James H. DeVore Internal Address: \_\_ Additional name(s) of conveying party(ies) attached? 🖵 Yes 🌇 No 3. Nature of conveyance: Street Address: 5275 Skyway Church Road Assignment ☐ Merger Security Agreement Change of Name City: Maxton State: NC Zip: 28364 11/14/2002; 11/15/2002; 11/14/2002 Execution Date:\_\_\_\_\_ 4. Application number(s) or patent number(s): If this document is being filed together with a new application, enter the date the patent was signed by the first named executing inventor:

11/14/2002 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 40.00 7. Total fee (37 CFR 3.41).....\$\_ Name: David J. Gaskey Enclosed Internal Address: Carlson, Gaskey & Olds, P.C. Authorized to be charged to deposit account 8. Deposit account number: Street Address: 400 West Maple 50-1482 Suite 350 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 (Attach duplicate copy of this page if paying by deposit account) City: Birmingham State: Michigan Zip: 48009 DO NOT USE THIS SPACE 9. Statement and signature. 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. 12/19/2002 David J. Gaskey Date Name of Person Signing

> Total number of pages including cover sheet, attachments, and documents: Mail decuments to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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## **ASSIGNMENT** (Joint Inventors)

WHEREAS, we, Ronald P. Muetzel, Robert A. Sayman and James H. DeVore (hereinafter referred to as Assignors), residing respectively at 12A Pinehurst Manor, Pinehurst, NC 28374; Mozartstrasse 30, 88097 Eriskirch, Germany; and 11400 Kerrimur Drive, Laurinburg, NC 28352 have invented new and useful improvements in:

## CLUTCH CONTROL FOR OVERCOMING TOOTH BUTT

which is set forth in an application in the United States filed herewith;

AND WHEREAS, **ZF Meritor**, **LLC**.(hereinafter referred to as Assignee), of **5275 Skyway Church Road**, **Maxton**, **North Carolina 28364** is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file and prosecute foreign patent applications corresponding to said application in foreign patent offices, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

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PATENT REEL: 013619 FRAME: 0418 AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated: 1/14/2002 Inventor: Robert A. Sayman

Dated: 11/14/2002 Inventor: Robert A. Sayman

Dated: Inventor: Inventor

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

David J. Gaskey, Esq. Carlson, Gaskey & Olds 400 W. Maple Road, Ste. 350 Birmingham, MI 48009 (248) 988-8360

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Charlie R. Tyles Charlie R Tyles My Commission expires Jan1,2007

> PATENT REEL: 013619 FRAME: 0419

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated:	Inventor:
Dated: 11/15/02	Ronald P. Muetzel
, ,	Robert A. Sayman
Dated:	Inventor:
	James H DeVore

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**RECORDED: 12/19/2002** 

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**PATENT** REEL: 013619 FRAME: 0420