

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kai Borntraeger</td><td>06/30/2010</td></tr><tr><td>Axel Michael Mueller</td><td>07/02/2010</td></tr><tr><td>Johannes Kaltenbach</td><td>05/28/2010</td></tr></tbody></table>		Name	Execution Date	Kai Borntraeger	06/30/2010	Axel Michael Mueller	07/02/2010	Johannes Kaltenbach	05/28/2010
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RECEIVING PARTY DATA									
<table border="1"><tr><td>Name:</td><td>ZF Friedrichshafen AG</td></tr><tr><td>Street Address:</td><td>Friedrichshafen</td></tr><tr><td>City:</td><td>D-88038</td></tr><tr><td>State/Country:</td><td>GERMANY</td></tr></table>		Name:	ZF Friedrichshafen AG	Street Address:	Friedrichshafen	City:	D-88038	State/Country:	GERMANY
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PROPERTY NUMBERS Total: 1									
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Application Number:	12868261								
CORRESPONDENCE DATA									
Fax Number: (603)226-7499 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	Michael J. Bujold								
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif									

OP \$40.00 12868261

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PATENT
REEL: 024947 FRAME: 0170

Assignment of Application for Patent

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

Firstname	Name	Address
Johannes	Kaltenbach	Schotterwaldweg 12, 88048 Friedrichshafen, Germany
Kai	Borntraeger	Bleichweg 45, 88085 Langenargen, Germany
Axel Michael	Mueller	Muntenriedstr. 18, 88048 Friedrichshafen, Germany

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

(Title of Invention)

Method for operating a drive train

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

AND WHEREAS: (Name and address of assignee)

ZF FRIEDRICHSHAFEN AG
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 covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts 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

2010-06-30

Kai Bortolnegger
Kai Bortolnegger

2010-07-02

Axel Michael Mueller
Axel Michael Mueller

2010-05-18

Johannes Kaltenbach
Johannes Kaltenbach