

PATENT ASSIGNMENT

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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>Jorg Arnold</td> <td>02/16/2012</td> </tr> <tr> <td>Thilo Schmidt</td> <td>02/16/2012</td> </tr> <tr> <td>Valentine Herbeth</td> <td>02/16/2012</td> </tr> <tr> <td>Klaus Steinhauser</td> <td>02/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jorg Arnold	02/16/2012	Thilo Schmidt	02/16/2012	Valentine Herbeth	02/16/2012	Klaus Steinhauser	02/16/2012
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Jorg Arnold	02/16/2012										
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RECEIVING PARTY DATA											
Name:	ZF Friedrichshafen AG										
Street Address:	Friedrichshafen										
City:	D-88038										
State/Country:	GERMANY										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13440178</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13440178						
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Application Number:	13440178										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Michael J. Bujold										
Total Attachments: 1 source=p697us-assignment#page1.tif											

OP \$40.00 13440178

PATENT

Assignment of Application for Patent

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

Firstname	Name	Address
Jörg	Arnold	Brühl 32, 88090 Immenstaad, Deutschland
Thilo	Schmidt	Fuchsbaumweg 21, 88074 Meckenbeuren, Deutschland
Valentine	Herbeth	Waggershauserstr. 132, 88045 Friedrichshafen, Deutschland
Klaus	Steinhauser	Zimbaweg 9, 88079 Kressbronn, Deutschland

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

(Titel of Invention)

METHOD FOR DETERMINING CHARACTERISTICS OF AN AUTOMATIC TRANSMISSION

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;

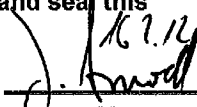
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration, of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$ 1.00), the receipt, of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE 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.

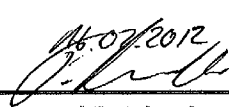
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with the assignment and sale:

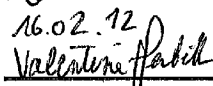
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation 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.

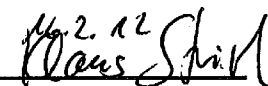
IN WITNESS WHEREOF, have hereunto set hand and seal this day of

Full name(s) of inventor(s):

 16.2.12
 Jörg Arnold

 16.02.2012
 Thilo Schmidt

 16.02.12
 Valentine Herbeth

 16.2.12
 Klaus Steinhauser

PATENT