

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4286046

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MARKUS HERRMANN	12/01/2016
	JOSEF HAUPT	12/13/2016
	HORST ROEGNER	12/07/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ZF FRIEDRICHSHAFEN AG	
<b>Street Address:</b>	GRAF-VON-SODEN-PLATZ 1	
<b>City:</b>	FRIEDRICHSHAFEN	
<b>State/Country:</b>	GERMANY	
<b>Postal Code:</b>	88046	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15505434	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(864)233-7342	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	864-271-1592	
<b>Email:</b>	docketing@dority-manning.com, spedigo@dority-manning.com	
<b>Correspondent Name:</b>	DORITY & MANNING, P.A.	
<b>Address Line 1:</b>	PO BOX 1449	
<b>Address Line 4:</b>	GREENVILLE, SOUTH CAROLINA 29602	
<b>ATTORNEY DOCKET NUMBER:</b>	ZFG-171	
<b>NAME OF SUBMITTER:</b>	SETH E. JONES	
<b>SIGNATURE:</b>	/seth e. jones/	
<b>DATE SIGNED:</b>	02/22/2017	
<b>Total Attachments: 2</b>		
source=ZFG-171-COMBINED_DECLARATION_ASSIGNMENT-2-21-17#page1.tif		
source=ZFG-171-COMBINED_DECLARATION_ASSIGNMENT-2-21-17#page2.tif		

**COMBINED OATH/DECLARATION/  
ASSIGNMENT OF INVENTION**

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

Firstname	Name	Address
Markus	HERRMANN	Gartenstr. 22, 88175 Scheidegg GERMANY
Josef	HAUPT	Alpenblickstr. 48, 88069 Tettnang GERMANY
Horst	ROEGNER	Rechbergstrasse 1, 88094 Oberteuringen GERMANY

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

(Title of invention)

**HYDRAULIC CONTROL DEVICE FOR 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**  
Graf-von-Soden-Platz 1  
88046 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.

**OATH/DECLARATION**

The above identified application was made or authorized to be made by me/us, the ASSIGNOR.

I/WE, the ASSIGNOR, believe that I am/we are the original inventor or an original joint inventor of a claimed invention in the application. I/We have reviewed and understand the contents of the application, including the claims, and am/are aware of the duty to disclose, to the United States Patent and Trademark office, all information that is material to patentability of the invention as defined in 37 CFR § 1.56.

I/We, the ASSIGNOR, hereby acknowledge that any wilful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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):

2016-11-01 Markus Herrmann  
Markus Herrmann

2016-12-13 Josef Haupt  
Josef Haupt

2016-12-07 H. Roegner  
Horst Roegner