505094363 09/14/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEFAN BECK	07/05/2018
UWE GRIESMEIER	06/12/2018
MATTHIAS HORN	06/29/2018
JOHANNES KALTENBACH	06/11/2018
JENS MORAW	06/27/2018
GERHARD NIEDERBRUCKER	06/22/2018
STEPHAN SCHARR	06/18/2018
VIKTOR WARTH	06/26/2018
MICHAEL WECHS	06/12/2018

RECEIVING PARTY DATA

Name:	ZF FRIEDRICHSHAFEN AG	
Street Address:	LOEWENTALER STR. 20	
City:	FRIEDRICHSHAFEN	
State/Country:	GERMANY	
Postal Code:	88046	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16130527

CORRESPONDENCE DATA

Fax Number: (864)233-7342

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ATTORNEY DOCKET NUMBER: ZFG-245

NAME OF SUBMITTER: SETH E. JONES

PATENT 505094363 REEL: 046874 FRAME: 0642

SIGNATURE:	/seth e. jones/
DATE SIGNED:	09/14/2018
Total Attachments: 2	

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> **PATENT REEL: 046874 FRAME: 0643**

COMBINED OATH/DECLARATION/ ASSIGNMENT OF INVENTION

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

Firstname	Name	Address
Stefan	BECK	Pirminstraße 7, 88097 Eriskirch,
		GERMANY / Citizen of Germany
Uwe	GRIESMEIER	Mozaristraße 17, 88677 Markdorf,
		GERMANY / Citizen of Germany
Matthias	HORN	Spalterstraße 20, 88069 Tettnang,
		GERMANY / Citizen of Germany
Johannes	KALTENBACH	Schotterwaldweg 12, 88048 Friedrichshafen,
		GERMANY / Citizen of Germany
Jens	MORAW	Vorarlberger Straße 5, 88045 Friedrichshafen,
		GERMANY / Citizen of Germany
Gerhard	NIEDERBRUCKER	Möttelistr. 4, 88045 Friedrichshefen,
		GERMANY / Citizen of Germany
Stephan	SCHARR	Rebhalde 7, 88048 Friedrichshafen,
		GERMANY / Citizen of Germany
Viktor	WARTH	Pfannenstiel 10/1, 88048 Friedrichshafen,
		GERMANY / Citizen of Germany
Michael	WECHS	Kirchstr. 37, 88138 Weißensberg,
		GERMANY / Citizen of Germany

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

(Titel of Invention)
MOTOR VEHICLE 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 Löwentaler Str. 20 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.

PATENT REEL: 046874 FRAME: 0644

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	I and seal this day of
Full name(s) of inventor(s):	14. 4
2018-06-14	Uwe Griesmeier Language Language Communication Language Communication Communicat
2018-07-05	Johannes Kaltenbach SLL AL
2018-06-12	Stefand Beeck
2018-06-18	Michael Wechs
	Siephan Scharr
2018-06-29	and the second s
	Matthias Horn
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	Jana Motam
2018-06-26	<u>ous bet</u>
	Vikior Warth
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Gerhard Niederbrucker

PATENT REEL: 046874 FRAME: 0645

**RECORDED: 09/14/2018**