505780351 11/19/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GERRIT SEEVERS	07/31/2019
MIGUEL DE CARVALHO	07/31/2019
LARS-THEODOR THOLE	08/14/2019

RECEIVING PARTY DATA

Name:	ZF FRIEDRICHSHAFEN AG		
Street Address:	LÖWENTALER STRASSE 20		
City:	FRIEDRICHSHAFEN		
State/Country:	GERMANY		
Postal Code:	88046		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16614814

CORRESPONDENCE DATA

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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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	ZF P2316US	
NAME OF SUBMITTER:	R: MICHAEL J. BUJOLD	
SIGNATURE:	/Michael J. Bujold/	
DATE SIGNED:	11/19/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT 505780351 REEL: 051046 FRAME: 0547

COMBINED OATH/DECLARATION/ ASSIGNMENT OF INVENTION

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

Firstname	Name	Address
Gerrit	Seevers	Schwarzer Weg 13, 28816 Stuhr, Germany, Citizen of Germany
Miguel	de Carvalho	Elastogranstraße 47, 49448 Quernheim, Germany, Citizen of Germany
Lars-Theodor	Thole	Rötheweg 15, 49393 Lohne, Germany, Citizen of Germany

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

(Titel of Invention)

ACTUATOR WITH A SPINDLE DRIVE AND REAR-AXLE STEERING SYSTEM

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.

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.

PATENT REEL: 051046 FRAME: 0548 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):

31.07.2019 Agriel Carvallio Miguel de Carvallio Geni + 8east Gerrit Seevers

14.08, 2019 La Glad

PATENT REEL: 051046 FRAME: 0549