505716315 10/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5763126

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| THOMAS EBERTSEDER | 09/12/2019 |
| HANS PILZWEGER | 09/12/2019 |
| DANIEL NACHBAUR | 10/01/2019 |

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: | 16597897 |

CORRESPONDENCE DATA

Fax Number: (603)226-7499

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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Address Line 4: CONCORD, NEW HAMPSHIRE 03301

| ATTORNEY DOCKET NUMBER: | ZF P2323US | |
|--|-----------------------------|--|
| NAME OF SUBMITTER: MICHAEL J. BUJOLD | | |
| SIGNATURE: | AATURE: /Michael J. Bujold/ | |
| DATE SIGNED: | 10/10/2019 | |
| This document serves as an Oath/Declaration (37 CFR 1.63). | | |

Total Attachments: 3

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PATENT 505716315 REEL: 050673 FRAME: 0740

COMBINED OATH/DECLARATION/ ASSIGNMENT OF INVENTION

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

| Firstname | Name | Address |
|-----------|------------|--|
| Thomas | Ebertseder | Schlesierstr. 4, 94060 Pocking, Deutschland |
| Hans | Pilzweger | Am Redinger Bach 21, 94152 Neuhaus am Inn, Deutschland |
| Daniel | Nachbaur | Krebsergut 1, 88212 Ravensburg, Deutschland |

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

(Titel of Invention)

Method for operating an automated drive train of a motor vehicle and automated 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 Löwentaler Str. 20 88046 Friedrichshafen Federal Republic of Germany

- Vaibba Sie on Liement ans.

(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 melus, 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: 050673 FRAME: 0741 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:

PATENT REEL: 050673 FRAME: 0742 ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all perfinent 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):

Hans Pilzweger

4.10.2013

Daniel Nachbaur

17.03.2015 , Thomas <u>G</u> 2

Thomas Ebectseder

PATENT REEL: 050673 FRAME: 0743

RECORDED: 10/10/2019