

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7132952

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NIKOLAI FLAUM	01/05/2022
JOHANNES HESEDING	01/05/2022
JANIK RICKE	01/10/2022
TORSTEN WALLBAUM	01/05/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ZF CV SYSTEMS HANNOVER GMBH
<b>Street Address:</b>	AM LINDENER HAFEN 21
<b>City:</b>	HANNOVER
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	30453
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17573397
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(301)869-8929
<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>	301 869 8950
<b>Email:</b>	wottesen@ottesen-ip.com
<b>Correspondent Name:</b>	WALTER OTTESEN, P.A.
<b>Address Line 1:</b>	P.O. BOX 4026
<b>Address Line 4:</b>	GAITHERSBURG, MARYLAND 20885-4026
<b>ATTORNEY DOCKET NUMBER:</b>	2019P00080WOUS
<b>NAME OF SUBMITTER:</b>	CHRISTIAN OTTESEN
<b>SIGNATURE:</b>	/Christian Ottesen/
<b>DATE SIGNED:</b>	01/21/2022
<b>Total Attachments: 4</b>	
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source=17573397_Inv_Assmts#page2.tif	
source=17573397_Inv_Assmts#page3.tif	



Attorney Docket No. 2019P00080WOUS

ASSIGNMENT OF PATENT APPLICATION

Whereas, I, Nikolai Flaum of Ingeborg-Steinohrt-Weg 3, 30457 Hannover, Germany, have invented certain new and useful improvements in Method and Device for Actuating an Electrical Drive of a Trailer Vehicle for which application for United States Letters Patent has been executed; and,

Whereas, ZF CV Systems Hannover GmbH, a corporation organized and existing under the laws of the Federal Republic of Germany, having its principal office at Am Lindener Hafen 21, 30453 Hannover, Germany (hereinafter referred to as ASSIGNEE), was desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, I hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have transferred unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, my full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under 35 USC 119 and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application to the full end of the term for which said Letters Patent is granted and to any and all divisional, continuation, substitute and reissue applications derived from said application.

I agree for myself and for my heir or heirs, executor and administrator to communicate to said ASSIGNEE, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuation, substitute and reissue applications or the procuring thereof, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said ASSIGNEE, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said ASSIGNEE, its successors, assigns, nominees or other legal representatives.

I hereby authorize and request the United States Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors, assigns, nominees, or other legal representatives, to the full end of the term for which said Letters Patent may be granted.

I hereby grant the firm of Walter Ottesen, P.A. of 12704 Split Creek Court, North Potomac, Maryland 20878 USA the power to insert here on this assignment in parentheses (United States application number 17/573,397 filed on 11 January 2022) the application number and filing date of said application when known.

Nikolai Flaum  
NAME OF ASSIGNOR/INVENTOR

Date: 1/5/2022

DocuSigned by:  
  
AB11A048973541C  
SIGNATURE OF ASSIGNOR/INVENTOR

Attorney Docket No. 2019P00080WOUS

**ASSIGNMENT OF PATENT APPLICATION**

Whereas, I, Johannes Heseding of Kommandanturstrasse 7, 30169 Hannover, Germany, have invented certain new and useful improvements in Method and Device for Actuating an Electrical Drive of a Trailer Vehicle for which application for United States Letters Patent has been executed; and,

Whereas, ZF CV Systems Hannover GmbH, a corporation organized and existing under the laws of the Federal Republic of Germany, having its principal office at Am Lindener Hafen 21, 30453 Hannover, Germany (hereinafter referred to as ASSIGNEE), was desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, I hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have transferred unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, my full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under 35 USC 119 and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application to the full end of the term for which said Letters Patent is granted and to any and all divisional, continuation, substitute and reissue applications derived from said application.

I agree for myself and for my heir or heirs, executor and administrator to communicate to said ASSIGNEE, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuation, substitute and reissue applications or the procuring thereof, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said ASSIGNEE, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said ASSIGNEE, its successors, assigns, nominees or other legal representatives.

I hereby authorize and request the United States Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for its sole use and behoof; and for the use and behoof of its successors, assigns, nominees, or other legal representatives, to the full end of the term for which said Letters Patent may be granted.

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Johannes Heseding  
NAME OF ASSIGNOR/INVENTOR

Date: 1/5/2022

DocuSigned by:  
Johannes Heseding  
43A4D42E940B43A  
SIGNATURE OF ASSIGNOR/INVENTOR

Attorney Docket No. 2019P00080WOUS

**ASSIGNMENT OF PATENT APPLICATION**

Whereas, I, Janik Ricke of An der Stauwiese 4, 31311 Uetze, Germany, have invented certain new and useful improvements in Method and Device for Actuating an Electrical Drive of a Trailer Vehicle for which application for United States Letters Patent has been executed; and,

Whereas, ZF CV Systems Hannover GmbH, a corporation organized and existing under the laws of the Federal Republic of Germany, having its principal office at Am Lindener Hafen 21, 30453 Hannover, Germany (hereinafter referred to as ASSIGNEE), was desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, I hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have transferred unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, my full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under 35 USC 119 and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application to the full end of the term for which said Letters Patent is granted and to any and all divisional, continuation, substitute and reissue applications derived from said application.

I agree for myself and for my heir or heirs, executor and administrator to communicate to said ASSIGNEE, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuation, substitute and reissue applications or the procuring thereof, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said ASSIGNEE, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said ASSIGNEE, its successors, assigns, nominees or other legal representatives.

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Janik Ricke  
NAME OF ASSIGNOR/INVENTOR

Date: 1/10/2022

DocuSigned by:  
Janik Ricke  
SIGNATURE OF ASSIGNOR/INVENTOR

Attorney Docket No. 2019P00080WOUS

ASSIGNMENT OF PATENT APPLICATION

Whereas, I, Torsten Wallbaum of Rostocker Strasse 20, 31089 Duingen, Germany, have invented certain new and useful improvements in Method and Device for Actuating an Electrical Drive of a Trailer Vehicle for which application for United States Letters Patent has been executed; and,

Whereas, ZF CV Systems Hannover GmbH, a corporation organized and existing under the laws of the Federal Republic of Germany, having its principal office at Am Lindener Hafen 21, 30453 Hannover, Germany (hereinafter referred to as ASSIGNEE), was desirous of obtaining Letters Patent for said invention in the United States;

Now, therefore, I hereby confirm that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have transferred unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, my full and exclusive right to said invention in the United States and have agreed to assign and transfer and do hereby assign and transfer unto said ASSIGNEE, its successors, assigns, nominees or other legal representatives, the full and exclusive right, title and interest in and to said application including all priority rights under 35 USC 119 and the full and exclusive right to any and all Letters Patent which may be granted in the United States on said application to the full end of the term for which said Letters Patent is granted and to any and all divisional, continuation, substitute and reissue applications derived from said application.

I agree for myself and for my heir or heirs, executor and administrator to communicate to said ASSIGNEE, its successors, assigns, nominees or other legal representatives, all facts known to me respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and do all lawful acts requisite for the application, for such divisional, continuation, substitute and reissue applications or the procuring thereof, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said ASSIGNEE, its successors, assigns, nominees or other legal representatives, either in its or their own name, to maintain and enforce any patent for said improvements without further consideration but at the expense of said ASSIGNEE, its successors, assigns, nominees or other legal representatives.

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Torsten Wallbaum  
NAME OF ASSIGNOR/INVENTOR

Date: 1/5/2022

DocuSigned by:  
Torsten Wallbaum  
D234E0CED4054A8  
SIGNATURE OF ASSIGNOR/INVENTOR

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