PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6123620

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
PATRICK LINDEMANN	09/14/2018	
PAUL LINDEMANN	01/28/2019	
CHRISTOPHER SHAMIE	09/18/2018	
MARKUS STEINBERGER	09/20/2018	

RECEIVING PARTY DATA

Name:	SCHAEFFLER TECHNOLOGIES AG & CO. KG
Street Address:	INDUSTRIESTRASSE 1-3
City:	HERZOGENAURACH
State/Country:	GERMANY
Postal Code:	91074

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16884222

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 248-528-4809

Email: PatentMail-TRY@SCHAEFFLER.COM

Correspondent Name: SCHAEFFLER GROUP USA, INC. INTELLECTUAL

Address Line 1: 1750 E. BIG BEAVER ROAD
Address Line 4: TROY, MICHIGAN 48083-2010

ATTORNEY DOCKET NUMBER:	P172551-US01-D
NAME OF SUBMITTER:	KEVIN L. PARKS
SIGNATURE:	/Kevin L. Parks/
DATE SIGNED:	05/27/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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source=PAULLINDEMANN_EXEC#page1.tif source=SHAMIE_EXEC#page1.tif source=STEINBERGER_EXEC#page1.tif

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Title of Invention: Front-Wheel Drive Hybridization	
Attorney Docket No.: P172551 US01	
This assignment and declaration are directed to (check one): the attached application; the application identified by the attorney docket no. and title of invention given above; United States Application or PCT International Application No, filed	
<u>ASSIGNMENT</u>	
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and hereby sell and assign, to:	
Name of Assignee: Schaeffler Technologies AG & Co. KG Address of Assignee: Industriestraße 1-3, Herzogenaurach, Germany 91074	
(hereinafter ASSIGNEE) all right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted.	
I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith.	
I warrant and covenant that I have the right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.	
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention.	
<u>DECLARATION</u>	
As a below-named inventor, I hereby declare that:	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful 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.	
Inventor: Patrick Lindemann	
Signature: Date:	

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	0.: P172551 US01	
	declaration are directed to (check one): application; π identified by the attorney docket no, and title of invention given above; Application or PCT International Application No, filed	
	ASSIGNMENT	
For good and valual named inventor I ha	e consideration, the receipt and sufficiency of which are hereby acknowledged, as a c sold and assigned, and hereby self and assign, to:	below-
Name of Assignee: Address of Assigne	Schaeffler Technologies AG & Co. KG : Industriestraße 1-3, Herzogenaurach, Germany 91074	
Patent of the United reissues or extension of the term or terms to utility models, and do the United States, tog rights derived from standard from the Convention for the Properties of the country in which ASSIGNEE, its succession of the without limitation, paint ention in any count to be held and enjoyed any and all such paten	EE) all right, title, and interest in and to the above-identified invention and United States that may fissue on any such application or for said invention, including any and thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the or which any and all such Letters Patent may be granted; (ii) all applications for paterigns which may hereafter be filed for said invention in any country or countries for the with the right to file such applications and the right to claim for the same the projection of Industrial Property, or any other international agreement or the domestic my such application is filed, as may be applicable, to be held and enjoyed by said sors, or assigns to the full end of the term or terms for which any and all such patent er rights may be granted; and (iii) all forms of industrial property protection, including the such application is fired. States and designs which may be granted for said yor countries foreign to the United States and all extensions, renewals and reissues by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for said ASSIGNEE, its successors, or assigns to the full end of the term or terms for said ASSIGNEE, its successors, or assigns to the full end of the term or terms for said ASSIGNEE, its successors, or assigns to the full end of the term or terms for said ASSIGNEE, its successors, or assigns to the full end of the term or terms for said ASSIGNEE, its successors, or assigns to the full end of the term or terms for autility models, designs or other rights may be granted.	Letters tall full end ents, zign to iority tonal laws of ts, utility ng, thereof, r which
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the first of the state of the s	that I have the right to sell and assign the interests herein sold and assigned and that of execute any document or instrument in conflict herewith.	
deliver any papers, ma necessary or desirable invention, to said appli may be granted thereto or to assist said ASSIG Letters Patent of the Ur	gree that I will communicate to said ASSIGNEE, its successors, legal representative known to me relating to said invention or patent application and that I will execute a e all rightful oaths, testify in any legal proceedings, and perform all other lawful act y said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to ation including divisions and continuations thereof and to any and all Letters Patent or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or a IEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforced States and any and all patents, utility models, designs or other rights that may be used or of any country or countries foreign to the United States, for said invention.	nd s said that tssigns,
Az zekakan umuzak isa	<u>DECLARATION</u>	•
	tor, I hereby declare than	
	dication was made or authorized to be made by me.	
I branche address tel	ginal inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful 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.		
Inventor: Paul LINI		*****
Signature:	Date: 7 - 2 5 - 10	

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<u>ASSIGNMENT</u>	
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a belownamed inventor I have sold and assigned, and hereby sell and assign, to:	
Name of Assignee:Schaeffler Technologies AG & Co. KGAddress of Assignee:Industriestraße 1-3, Herzogenaurach, Germany 91074	
(hereinafter ASSIGNEE) all right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted.	
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I warrant and covenant that I have the right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.	
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention.	
DECLARATION	
As a below-named inventor, I hereby declare that:	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful 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.	
Inventor: Christopher Shamid	
Signature: Date: Date:	

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I hereby acknowledge that any willful 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.	
Inventor: Markus Steinberger	
Signature: Marker Maley Date: 9/20/2018	

PATENT REEL: 052758 FRAME: 0410

RECORDED: 05/27/2020