#### 504559707 09/21/2017

EPAS ID: PAT4606418

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
MATTHEW PAYNE	09/05/2017
NICHOLAS WURST	09/07/2017
JOHN RAMSEY	09/21/2017

### **RECEIVING PARTY DATA**

Name:	SCHAEFFLER TECHNOLOGIES AG & CO. KG
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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15712075

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	588.1230
NAME OF SUBMITTER:	CLINT R. MEHALL
SIGNATURE:	/Clint R. Mehall/
DATE SIGNED:	09/21/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 3** 

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> **PATENT REEL: 043659 FRAME: 0442** 504559707

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PATENT REEL: 043659 FRAME: 0443

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

Title of Invention:	of Invention: HYBRID MOTOR VEHICLE DRIVE TRAIN INCLUDING HYBRID MODULE BAFFLE BLADE			
Attorney Docket No	.: 588.1230; P170497 US			
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				
	ASSIGNM	ENT		
For good and valuable named inventor I have	e consideration, the receipt and sufficient e sold and assigned, and hereby sell and	ncy of which are hereby assign, to:	acknowledged, as a below-	
Name of Assignee: Address of Assignee	Schaeffler Technologies AG & Co. Industriestraße 1-3, Herzogenaurach			
(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.			to issue any and all such	
	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.				
	DECLARA	TION		
As a below-named inventor, I hereby declare that:				
The above-identified application was made or authorized to be made by me.				
	e original inventor or an original joint in			
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.  Signature:				
Inventor: Matthe	ew PAYNE	Date:	9/5/17	

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

Title of Invention:	HYBRID MOTOR VEHICLE DRIVE TRAIN INCLUDING HYBRID MODULE BAFFLE BLADE			
Attorney Docket No	a: 588.1230; P170497 US			
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				
	ASSIGNMENT			
	e consideration, the receipt and sufficiency of which are hereby acknowledged, as a below- e sold and assigned, and hereby sell and assign, to:			
Name of Assignce: Address of Assignce	Schaeffler Technologies AG & Co. KG 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.				
	d request the Director of the U.S. Patent and Trademark Office to issue any and all such 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>			
	ventor, I hereby declare that:			
The above-identified application was made or authorized to be made by me.				
	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.  Signature:				
Inventor: Nichola	as WURST Date: 7/7/			

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#### ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention: HYBRID MOTOR VEHICLE DRIVE TRAIN INCLUDING HYBRID MODULE BAFFLE BLADE Aftorney Docket No.: 588,1230; P170497 US This assignment and declaration are directed to (check one); the attached application;
the application identified
United States Application the application identified by the attorney docket no. and title of invention given above; United States Application or PCT International Application No. \_\_\_\_\_\_, filed \_\_\_\_\_ ASSIGNMENT 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. KG Address of Assignee: Industriestraße 1-3, Herzogenaumeh, 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, 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. Signature: inventor:

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RECORDED: 09/21/2017