#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6178720

SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	ASSIGNMENT
RESUBMIT DOCUMENT ID:	505739491

#### **CONVEYING PARTY DATA**

Name	Execution Date
NORBERT GEYER	08/12/2019
ALEXANDER FICHTNER	08/13/2019
GEORG BACKERT	08/14/2019
MICHAEL DOTTERWEICH	08/13/2019
MATTHIAS REICHEL	08/28/2019

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Street Address:	INDUSTRIESTRASSE 1-3	
City:	HERZOGENAURACH	
State/Country:	GERMANY	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16607918

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	P170420 WO-US
NAME OF SUBMITTER:	MATTHEW EVANS
SIGNATURE:	/Matthew Evans/
DATE SIGNED:	06/30/2020

**Total Attachments: 5** 

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PATENT REEL: 053095 FRAME: 0675

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> PATENT REEL: 053095 FRAME: 0676

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

		Sec. 3
Title of Invention: TAPPET		
Attorney Docket No.: P170420	WO-US	**
This assignment and declaration are the attached application; the application identified by United States Application or	directed to (check one): the attorney docket no. and title of it PCT International Application No.	nvention given above;, filed
	<u>ASSIGNMENT</u>	
For good and valuable consideration named inventor I have sold and assi	s, the receipt and sufficiency of whice gned, and hereby sell and assign, to:	h are hereby acknowledged, as a below-
	Technologies AG & Co. KG raße 1-3, Herzogenaurach, Germany	91074
patent application, including: (i) am Patent of the United States that may reissues or extensions thereof, to be of the term or terms for which any a utility models, and designs which m the United States, together with the rights derived from said United State Convention for the Protection of Ind the country in which any such applic ASSIGNEE, its successors, or assign models, designs or other rights may without limitation, patents, utility m invention in any country or countries	y and all divisions or continuations to issue on any such application or for held and enjoyed by said ASSIGNE and all such Letters Patent may be gra- ary hereafter be filed for said invention ight to file such applications and the estapplication under the Patent Laws ustrial Property, or any other interna- tation is filed, as may be applicable, as to the full end of the term or terms be granted; and (iii) all forms of indu- ordels, inventors' certificates and designated; its successors, or assigns to to	s for which any and all such patents, utility ustrial property protection, including, gns which may be granted for said extensions, renewals and reissues thereof, the full end of the term or terms for which
I hereby authorize and request the D Letters Patent to said ASSIGNEE, it		
I warrant and covenant that I have the not executed and will not execute an	e right to sell and assign the interest y document or instrument in conflict	s herein sold and assigned and that I have therewith.
assigns all information known to me deliver any papers, make all rightful necessary or desirable by said ASSIC invention, to said application includi may be granted therefor or thereon, i or to assist said ASSIGNEE, its succ	relating to said invention or patent a oaths, testify in any legal proceeding INEE, its successors, legal represent ing divisions and continuations there including reissues or extensions, in se essors, legal representatives, or assign and any and all patents, utility models	tatives, or assigns to perfect title to said of and to any and all Letters Patent that aid ASSIGNEE, its successors, or assigns, one obtaining, reissuing, or enforcing a designs or other rights that may be
•	<b>DECLARATION</b>	
As a below-named inventor, I hereby		
The above-identified application was	made or authorized to be made by r	ne.
I believe that I am the original invent	or or an original joint inventor of a	claimed invention in the application.
I hereby acknowledge that any willful § 1001 by fine or imprisonment of no	I false statement made in this declar of more than five (5) years, or both.	ation is punishable under 18 U.S.C.
Inventor: Norbert Geyer	<u> </u>	
Signature: Porbet	ley-	Date: 2019 - 08 - 12

Page 1 of 1

**PATENT REEL: 053095 FRAME: 0677** 

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

Title of Invention: TAPPET
Attorney Docket No.: P170420 WO-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
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.
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: Alexander Fichtner
Signature: Date: August 13, 2019

Page 1 of 1

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

Title of Invention: TAPPET
Attorney Docket No.: P170420 WO-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
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.
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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.
<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: Michael Dorterweich
Signature: Uillial (Ota Date: Hugust 13, 0019

Page 1 of 1

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

Title of Invention: TA	PPET		
Afterney Docket No.:	P170420 WO-US		
This assignment and dec the attached appl the application in	lentified by the attorney docket no.		81
	ASSIGNA	<u>MENT</u>	
	onsideration, the receipt and suffici- old and assigned, and hereby sell an	ency of which are hereby acknowledg ad assign, to:	ed, as a below-
Name of Assignee: Address of Assignee:	Schaeffler Technologies AG & Co Industriestraße 1-3, Herzogenaura		
patent application, include Patent of the United Stat reissues or extensions the of the term or terms for autility models, and design the United States, togethe rights derived from said Convention for the Protective country in which any ASSIGNEE, its successed models, designs or other without limitation, patent invention in any country to be held and enjoyed be	ling: (i) any and all divisions or co es that may issue on any such appli- creof, to be held and enjoyed by sai which any and all such Letters Pater as which may hereafter be filed for er with the right to file such applica United States application under the ction of Industrial Property, or any such application is filed, as may be use, or assigns to the full end of the rights may be granted; and (fii) all is, utility models, inventors' certific or countries foreign to the United?	o the above-identified invention and to antimuations thereof, and in and to any cation or for said invention, including d ASSIGNEE, its successors, or assignt may be granted; (ii) all applications said invention in any country or countions and the right to claim for the ser Patent Laws of the United States, the other international agreement or the deapplicable, to be held and enjoyed by term or terms for which any and all sufforms of industrial property protection rates and designs which may be granted States and all extensions, renewals and or assigns to the full end of the term of this may be granted.	and all Letters any and all ms to the full end s for paients, stries foreign to me the priority International lomestic laws of y said ach patents, utility a, including, ed for said I reissues thereof,
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	hat I have the right to sell and assig t execute any document or instrume	n the interests herein sold and assigne ent in conflict herewith.	d and that I have
assigns all information k deliver any papers, make necessary or desirable by invention, to said applies may be granted therefor or to assist said ASSIGN Letters Patent of the Uni	nown to me relating to said inventi- rall rightful oaths, testify in any leg- raid ASSIGNEE, its successors, leason including divisions and contin- or thereon, including reissues or ex (EE, its successors, legal representa- ted States, and any and all patents,	ASSIGNEE, its successors, legal repron or patent application and that I will tal proceedings, and perform all other egal representatives, or assigns to perform the tensions thereof and to any and all Lettensions, in said ASSIGNEE, its succeitives, or assigns in obtaining, reissuin utility models, designs or other rights oreign to the United States, for said in	l execute and lawful acts feet title to said ters Patent that essors, or assigns, g, or enforcing that may be
	<u>DECLAR.</u>	ATION	
As a below-named inver	tor, I hereby declare that:		
The above-identified app	dication was made or authorized to	be made by me.	
I believe that I am the or	iginal inventor or an original joint i	nventor of a claimed invention in the	application.
	at any willful false statement made onment of not more than five (5) ye	in this declaration is punishable under ears, or both.	r 18 U.S.C.
Inventor: <u>Matthias I</u>	(cichel		
Signature: Z	<u> </u>	Date: 7/0/20	249

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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
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Inventor: Georg Backert
Signature:

Page 1 of 1

**RECORDED: 06/30/2020** 

**PATENT REEL: 053095 FRAME: 0681**