PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4912275

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL PLOGMANN	03/28/2017
SEBASTIAN PACHNER	03/27/2018
SVEN CLAUS	03/27/2018
MARKUS SOYKA	04/03/2018

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:	15767763

CORRESPONDENCE DATA

Fax Number: (248)358-3351

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: 248-358-4400

Email: mkatirtzidakis@brookskushman.com

BROOKS KUSHMAN P.C., SCHAEFFLER GROUP US **Correspondent Name:**

Address Line 1: 1000 TOWN CENTER

22ND FLOOR Address Line 2:

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER:	P151653_10WO_US	
NAME OF SUBMITTER:	MICHAEL N. MACCALLUM	
SIGNATURE:	/Michael N. MacCallum/	
DATE SIGNED:	04/12/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
	-	

Total Attachments: 4

PATENT REEL: 045520 FRAME: 0560

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source=Executed_Combined_Assignment_Declaration_SCHFG0181PUSA_P151653_10WO_US#page1.tif source=Executed_Combined_Assignment_Declaration_SCHFG0181PUSA_P151653_10WO_US#page2.tif source=Executed_Combined_Assignment_Declaration_SCHFG0181PUSA_P151653_10WO_US#page3.tif source=Executed_Combined_Assignment_Declaration_SCHFG0181PUSA_P151653_10WO_US#page4.tif

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

Title of Invention:

PLAIN BEARING ASSEMBLY OF A ROTATIONAL ELEMENT ON A BEARING BOLT, IN PARTICULAR OF A PLANETARY GEAR ON A PLANETARY GEAR BOLT OF A PLANETARY GEARBOX

Attorney Docket No.: SCHFG0181PUSA - P151653-10WO-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		
<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 Leiters 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: Michael PLOGMANN		
Signature: 1/ 1/ Date: 28 03 2047		

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

(For Use with Signed Application Data Sheet)

Title of Invention:

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Or werming ranks (a)	ONN ON A FLANCIANT GEAR	BULL OF A FLANE IA	RI GEARDOX
Attorney Docket No.:	SCHFG0181PUSA - P151653	10WO-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 Ap	pplication or PCT International Ap		filed
		<u>YMENT</u>	
	onsideration, the receipt and suffi old and assigned, and hereby sell		y acknowledged, as a below-
Name of Assignee: Address of Assignee:	Schaeffler Technologies AG & Industriestraße 1-3, Herzogenau		
patent application, inclused Patent of the United State reissues or extensions the of the term or terms for utility models, and design the United States, together ights derived from said Convention for the Protothe country in which any ASSIGNEE, its success models, designs or other without limitation, pater invention in any country to be held and enjoyed by	c) all right, title, and interest in and ding; (i) any and all divisions or tes that may issue on any such appetereof, to be held and enjoyed by swhich any and all such Letters Parts which may hereafter be filed for with the right to file such application under the ection of Industrial Property, or arrow such application is filed, as may bors, or assigns to the full end of the rights may be granted; and (iii) a not, utility models, inventors' certifor countries foreign to the United by said ASSIGNEE, its successors, utility models, designs or other respectively.	continuations thereof, and olication or for said invential ASSIGNEE, its succestent may be granted; (ii) for said invention in any contains and the right to classes and the right to classes and the patent Laws of the Unity other international agree be applicable, to be held to term or terms for which all forms of industrial proplicates and designs which all states and all extensions, or assigns to the full end	in and to any and all Letters ion, including any and all essors, or assigns to the full end all applications for patents, ountry or countries foreign to aim for the same the priority ted States, the International ement or the domestic laws of and enjoyed by said any and all such patents, utility nerty protection, including, may be granted for said to renewals and reissues thereof,
	equest the Director of the U.S. Pa SSIGNEE, its successors, or assig		
	hat I have the right to sell and ass of execute any document or instru		ld and assigned and that I have
assigns all information is deliver any papers, mak necessary or desirable b invention, to said applic may be granted therefor or to assist said ASSIG? Letters Patent of the Un	gree that I will communicate to sa known to me relating to said inver- e all rightful oaths, testify in any I y said ASSIGNEE, its successors, ation including divisions and cont or thereon, including reissues or NEE, its successors, legal represer- ited States—and any and all patent- ates or of any country or countries	ation or patent application egal proceedings, and per legal representatives, or a inuations thereof and to a extensions, in said ASSIG tatives, or assigns in obta to utility models, designs of the end of the e	and that I will execute and form all other lawful acts assigns to perfect title to said ny and all Letters Patent that NEE, its successors, or assigns, ining, reissuing, or enforcing or other rights that may be
	DECLA	RATION	
As a below-named inventor, I hereby declare that:			
The above-identified ap	plication 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: Sebastian PACHNER			
Signature: S. Q	zelinost	Date:	23.03.78

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

Title of Invention:

PLAIN BEARING ASSEMBLY OF A ROTATIONAL ELEMENT ON A BEARING BOLT, IN PARTICULAR OF A PLANETARY GEAR ON A PLANETARY GEAR BOLT OF A PLANETARY GEARBOX

Attorney Docket No.: SCHFG0181PUSA - P151653-10WO-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		
<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: Schaeiffer 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 Paient 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: Sven CLAUS		
Signature:		

Page 1 of 1

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

(For Use with Signed Application Data Sheet)

Title of Invention:

RECORDED: 04/12/2018

PLAIN BEARING ASSEMBLY OF A ROTATIONAL ELEMENT ON A BEARING BOLT, IN PARTICULAR OF A PLANETARY GEAR ON A PLANETARY GEAR BOLT OF A PLANETARY GEARBOX

Attorney Docket No.: SCHFG0181PUSA - P151653-10WO-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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Inventor: Markus SOYKA	

Page 1 of 1