PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7309088

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the COUNTRY OF THE ASSIGNEE FROM SWITZERLAND TO GERMANY previously recorded on Reel 057513 Frame 0986. Assignor(s) hereby confirms the ASSIGNMENT OF ENTIRE INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
PETER NIEBLING	02/17/2020
ANDREAS BECKER	09/17/2021
ALEXANDER HAPP	08/31/2021
FLORIAN KOENIGER	09/13/2021
ANDREAS KAISER	02/14/2020

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:	16772870

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:	2155	686400
Email:	NLAN	IE@vklaw.com
Correspondent Name:	VOLF	PE KOENIG
Address Line 1:	30 S.	17TH STREET
Address Line 2:	18TH	FLOOR
Address Line 4:	PHIL	ADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER	R:	INA-PT1090
NAME OF SUBMITTER:		THOMAS P. GUSHUE
SIGNATURE:		/Thomas P. Gushue/
DATE SIGNED:		05/02/2022

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Total Attachments: 8 source=INAPT1090_AssignmentCoverSheet#page1.tif source=INAPT1090_AssignmentRecordation#page1.tif source=INAPT1090_Assignments#page1.tif source=INAPT1090_Assignments#page2.tif source=INAPT1090_Assignments#page3.tif source=INAPT1090_Assignments#page4.tif source=INAPT1090_Assignments#page5.tif

506875256 09/17/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6922077

UBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE: ASSIGNMENT						
CONVEYING PARTY D	ΑΤΑ					
		Name	Execution Date			
PETER NIEBLING			02/17/2020			
ANDREAS BECKER			09/17/2021			
ALEXANDER HAPP			08/31/2021			
FLORIAN KOENIGER			09/13/2021			
ANDREAS KAISER			02/14/2020			
RECEIVING PARTY DA	ТА					
Name:	SCHAE	EFFLER TECHNOLOGIES AG & CO. KG				
Street Address:	INDUS	TRIESTRASSE 1-3				
City:	HERZO	DGENAURACH				
State/Country:	SWITZ	ERLAND GERMANY	SWITZERLAND GERMANY			
Postal Code: PROPERTY NUMBERS	91074 Total: 1					
PROPERTY NUMBERS						
PROPERTY NUMBERS Property Type Application Number:	Total: 1	Number				
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D	Total: 1	Number 16772870				
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PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name:	Total: 1	Number 16772870 (215)568-6499 o the e-mail address first; if that is unsuccessf t; if that is unsuccessful, it will be sent via US 2155686400 TMOORE@VKLAW.COM TASHA MOORE				
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if j Phone: Email: Correspondent Name: Address Line 1:	Total: 1	Number 16772870 (215)568-6499 o the e-mail address first; if that is unsuccessf t; if that is unsuccessful, it will be sent via US 2155686400 TMOORE@VKLAW.COM TASHA MOORE 30 S 17TH STREET				
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	Total: 1	Number 16772870 (215)568-6499 o the e-mail address first; if that is unsuccessf t; if that is unsuccessful, it will be sent via US 2155686400 TMOORE@VKLAW.COM TASHA MOORE 30 S 17TH STREET SUITE 1800				
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PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if j Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	Total: 1	Number 16772870 (215)568-6499 o the e-mail address first; if that is unsuccessf t; if that is unsuccessful, it will be sent via US 2155686400 TMOORE@VKLAW.COM TASHA MOORE 30 S 17TH STREET SUITE 1800 PHILADELPHIA, PENNSYLVANIA 19103				
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if j Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	Total: 1	Number 16772870 (215)568-6499 o the e-mail address first; if that is unsuccessf t; if that is unsuccessful, it will be sent via US 2155686400 TMOORE@VKLAW.COM TASHA MOORE 30 S 17TH STREET SUITE 1800 PHILADELPHIA, PENNSYLVANIA 19103 INA-PT1090				

Total Attachments: 5

Attorney Docket No.: INA-PT1090 (P173231 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. <u>16/772.870</u>, filed June 15, 2020.

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 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 gran

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, legal representatives, 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. § 1(8) by fine or imprisonment of not more than five (5) years, or both.

lovemor:	Andreas Becker		
Signature:	morea Edu	Date:	19.65.2624

Page 1 of 1

8122126.1

Attorney Docket No.: INA-PT1090 (P173231 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 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.

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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:	Andreas Kaiser	3.2			
Signature:	Aspress		Date;	02-14-	2020

Page 1 of 1

Attorney Docket No.: INA-PT1090 (P173231 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 ______.

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Name of Assignce:	Schaeffler Technologies AG & Co. KG
Address of Assignce:	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 relssues 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:	Peter Michling	Li s s			
Signature:		1. 1. [.	Ą	Date:	17.02.20

Page 1 of 1

Attorney Docket No.: INA-PT1090 (P173231 WO-US)

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- \boxtimes 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.

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Inventor:	Alexander Häpp				
Signature:	Alexander	Hum	Date:	2021-08-31	
	× ×			PATENT	

REEL: 059845 FRAME: 0314

Page 1 of 1

Attorney Docket No.: INA-PT1090 (P173231 WO-US)

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Inventor: Florian Koeniger	
Signature:	Date:
An-	
	Page 1 of 1
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RECORDED: 05/02/2022

REEL: 059845 FRAME: 0315