10/31/2022 507571149

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7618038

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOCHEN LOEFFELMANN	10/04/2022
VIKTOR RUDER	10/20/2022
FELIX REUSS	10/11/2022
THOMAS HUEMMER	10/28/2022
ALEXANDER WAGNER	10/26/2022
ALEXANDER WIRTH	10/07/2022

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17922397

CORRESPONDENCE DATA

Fax Number: (215)568-6499

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: 2155686400

dmarkee@vklaw.com Email: **RANDOLPH HUIS** Correspondent Name:

Address Line 1: 30 SOUTH 17TH STREET

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	INA-PT1308 /DMM
NAME OF SUBMITTER:	RANDOLPH J. HUIS
SIGNATURE:	/Randolph J. Huis/
DATE SIGNED:	10/31/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 061590 FRAME: 0348 507571149

Total Attachments: 6

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PATENT REEL: 061590 FRAME: 0349

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

Title of Invention: SHIFTING DEVICE

Attorney Docket No.:	INA-PT1308 (P201222 WO-US	8)	
the attached app	eclaration are directed to (check one olication; identified by the attorney docket no	•	iven shover
	pplication or PCT International Ap		
	ASSIG	NMENT	
	consideration, the receipt and suffic d assigned, and hereby sell and assi		oy acknowledged, as a below-named
Name of Assignee: Address of Assignee:	Schaeffler Technologies AG & C Industriestraße 1-3, Herzogenaum		
application, including: United States that may thereof, to be held and a which any and all such which may hereafter be the right to file such application under the Papplication under the Papplication or any other is filed, as may be applicatem or terms for which forms of industrial prop designs which may be a extensions, renewals an	issue on any such application or for enjoyed by said ASSIGNEE, its suc Letters Patent may be granted; (ii) filed for said invention in any cour plications and the right to claim for atent Laws of the United States, the international agreement or the dome able, to be held and enjoyed by said any and all such patents, utility me	ations thereof, and in and a said invention, including the said invention, including the said applications for pater at a said applications for pater at the same the priority right the same the priority right at the same the priority at the same the said at the	I to any and all Letters Patent of the g any and all reissues or extensions to full end of the term or terms for ants, utility models, and designs to the United States, together with this derived from said United States on for the Protection of Industrial in which any such application is ors, or assigns to the full end of the ghts may be granted; and (iii) all y models, inventors' certificates and in to the United States and all EE, its successors, or assigns to the
	request the Director of the U.S. Pate EE, its successors, or assigns in acc		e to issue any and all such Letters
	that I have the right to sell and assi xecute any document or instrument		old and assigned and that I have not
assigns all information any papers, make all rig desirable by said ASSIG application including di or thereon, including re its successors, legal rep and any and all patents,		tion or patent application ceedings, and perform al mtatives, or assigns to pe and to any and all Letters INEE, its successors, or a reissuing, or enforcing that that may be granted	and that I will execute and deliver I other lawful acts necessary or refect title to said invention, to said Patent that may be granted therefor assigns, or to assist said ASSIGNEE Letters Patent of the United States
	DECLA	ARATION	
As a below-named inve	entor, I hereby declare that:		
The above-identified ap	oplication was made or authorized t	to be made by me.	
I believe that I am the o	original inventor or an original joint	t inventor of a claimed in	vention in the application.
	that any willful false statement mad f not more than five (5) years, or bo		unishable under 18 U.S.C. § 1001 by
Inventor: Jochen	Loeffelmann —		
Signature:	A de la companya della companya dell	Date:	4 10.2022

Page 1 of 1

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

(For Use with Signed Application Data Sheet)

Title of Invention: SHIFTING DEVICE

Attorney Docket No.:	INA-PT1308 (P201222 WO-US)		
	claration are directed to (check one):		
the attached app			
the application is	dentified by the attorney docket no, and title of inven-	tion given above;	
	oplication or PCT International Application No.		
	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: Industriests

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 berein 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:	Viktor Ruder		
Signature:	Bushin	Date:	20,10,2022

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet) Title of Invention: SHIFTING DEVICE

Attorney Docket No.:	INA-PT1308 (P201222 WO	-US)	
the attached app		•	alian abasas
	dentified by the attorney docke pplication or PCT International		
	<u>AS</u>	SIGNMENT	
	consideration, the receipt and so d assigned, and hereby sell and		reby acknowledged, as a below-named
Name of Assignee: Address of Assignee:	Schaeffler Technologies AG Industriestraße 1-3, Herzoger		
application, including: United States that may thereof, to be held and which any and all such which may hereafter be the right to file such application under the Papplication under the Papplication of any other in filed, as may be applicaterm or terms for which forms of industrial prop designs which may be gextensions, renewals an	(i) any and all divisions or contissue on any such application of enjoyed by said ASSIGNEE, its Letters Patent may be granted; filed for said invention in any oblications and the right to claim atent Laws of the United States, international agreement or the dible, to be held and enjoyed by any and all such patents, utility erty protection, including, with granted for said invention in any direissues thereof, to be held and enjoyed by	tinuations thereof, and in a r for said invention, includes s successors, or assigns to (ii) all applications for pa country or countries foreign for the same the priority the International Conven- omestic laws of the countries y models, designs or other tout limitation, patents, utily y country or countries foreigned enjoyed by said ASSIG	d invention and United States patent and to any and all Letters Patent of the ling any and all reissues or extensions the full end of the term or terms for tents, utility models, and designs an to the United States, together with eights derived from said United States tion for the Protection of Industrial y in which any such application is essors, or assigns to the full end of the rights may be granted; and (iii) all lity models, inventors' certificates and ign to the United States and all NEE, its successors, or assigns to the esigns or other rights may be granted.
	request the Director of the U.S. EE, its successors, or assigns in		fice to issue any and all such Letters
	that I have the right to sell and kecute any document or instrum		sold and assigned and that I have not
assigns all information any papers, make all rig desirable by said ASSIC application including di or thereon, including re its successors, legal rep and any and all patents,	known to me relating to said in thtful oaths, testify in any legal GNEE, its successors, legal reprivisions and continuations there issues or extensions, in said AS resentatives, or assigns in obtain	vention or patent application proceedings, and perform resentatives, or assigns to soft and to any and all Letter (SIGNEE, its successors, coming, reissuing, or enforcing rights that may be grant.	ressors, legal representatives, or on and that I will execute and deliver all other lawful acts necessary or perfect title to said invention, to said are Patent that may be granted therefor assigns, or to assist said ASSIGNEE and Letters Patent of the United States and in the United States or of any
	DEC	CLARATION	
As a below-named inve	ntor, I hereby declare that:		
The above-identified ap	plication was made or authoriz	ed to be made by me.	
I believe that I am the o	riginal inventor or an original j	oint inventor of a claimed	invention in the application.
	hat any willful false statement r f not more than five (5) years, o		punishable under 18 U.S.C. § 1001 by
Inventor: Felix Re	euss <u>A</u>		
Signature:	1 Y)	Date:	14-10. 2022

Page 1 of 1

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

- For Car with Signor's Application Date Short)

Title of Invention: SHIFTING DEVICE

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: Schoolfler Technologies AC & Co. KG

Address of Assignee: Industriestrate 1-3, Herzogenmench, Germany 91074

(bereinafter 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 onjoyed 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, logother 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 is which any such application is filled, as may be applicable, to be held and onjoyed 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' conficutes and designs which may be granted for said invention in any country or councies 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	Thomas Huemmer		
Signature:		Oute	28-70-22

Page 1 of 1

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

(For Use with Signed Application Data Sheet)

Title of Invention: SHIFTING DEVICE

Attorney Docket No.: INA-PT1308 (P201222 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:

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Inventor:	Alexander Wagner	minute resident in the second		
Signature:			Date:	2611017017
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Page I of I

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

(For Use with Signed Application Data Sheet) Title of Invention: SHIFTING DEVICE
Attorney Docket No.: INA-PT1308 (P201222 WO-US)
This assignment and declaration are directed to (check one): It is attached application; the application identified by the attorney docket no, and title of invention given above; United States Application or PCT International Application No
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
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I believe that I am the original inventor or an original joint inventor of a claimed inventon 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 Wirth
Signature: Alala Dare: 7.10.22

Page 1 of 1

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PATENT REEL: 061590 FRAME: 0355

RECORDED: 10/31/2022