PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6888363

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARJUN KAILASSH MAGALINGAM ADITHYAN	08/09/2021
MATTHEW FRARY	08/26/2021
JITESH MODI	08/09/2021

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:	17398512

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.

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Email: TMOORE@VKLAW.COM

Correspondent Name: TASHA MOORE Address Line 1: 30 S 17TH STREET

Address Line 2: **SUITE 1800**

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	INA-PT1145
NAME OF SUBMITTER:	THOMAS P. GUSHUE
SIGNATURE:	/THOMAS P. GUSHUE/
DATE SIGNED:	08/27/2021

Total Attachments: 3

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PATENT REEL: 057313 FRAME: 0362

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63
(For Use with Signed Application Data Sheet)
Title of Invention: ELECTRIC TRANSMISSION ASSEMBLY INCLUDING HYDRODYNAMIC BEARING

Attorney Docket No.: INA-PT1145 (P201274 US01)
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-name 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 thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNE 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.
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 befine or imprisonment of not more than five (5) years, or both.
Inventor: Arjun Kailassh Magalingam Adithyan
Signature: M. My Color Date: 3/9/2021

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PATENT REEL: 057313 FRAME: 0363

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63
(For Use with Signed Application Data Sheet)
Title of Invention: ELECTRIC TRANSMISSION ASSEMBLY INCLUDING HYDRODYNAMIC BEARING

Attorney Docket No.: INA-PT1145 (P201274 US01)				
This assignment and declaration are directed to (check one): ightharpoonup 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.				
<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: Jitesh Modi				
Signature: Date: August 09, 2021				

PATENT REEL: 057313 FRAME: 0364

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

Title of Invention: ELECTRIC TRANSMISSION ASSEMBLY INCLUDING HYDRODYNAMIC BEARING

Attorney Docket No.:	INA-PT1145 (P201274 US	01)	
This assignment and dec the attached apple the application is	claration are directed to (checl	k one): et no. and title of invention	given above; _, filed
	<u>A</u>	<u>SSIGNMENT</u>	
	consideration, the receipt and states assigned, and hereby sell and		eby acknowledged, as a below-named
Name of Assignee: Address of Assignee:	Schaeffler Technologies AC Industriestraße 1-3, Herzoge		
application, including: United States that may it thereof, to be held and e which any and all such I which may hereafter be the right to file such appapplication under the Pa Property, or any other in filed, as may be applicaterm or terms for which forms of industrial proped designs which may be g extensions, renewals and	(i) any and all divisions or consiste on any such application of single or any such application of any such application of any such as a	ntinuations thereof, and in a for for said invention, includ the successors, or assigns to the production of the same the priority of the same th	d invention and United States patent and to any and all Letters Patent of the ing any and all reissues or extensions the full end of the term or terms for tents, utility models, and designs and the United States, together with eights derived from said United States ion for the Protection of Industrial y in which any such application is ssors, 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.
	equest the Director of the U.S EE, its successors, or assigns i		ice to issue any and all such Letters
	that I have the right to sell and accure any document or instru		sold and assigned and that I have not
assigns all information kany papers, make all rig desirable by said ASSIC application including divor thereon, including rei its successors, legal reprand any and all patents,	known to me relating to said in htful oaths, testify in any legal GNEE, its successors, legal rep- visions and continuations ther issues or extensions, in said A resentatives, or assigns in obta	nvention or patent application of proceedings, and perform presentatives, or assigns to present at to any and all Letter SSIGNEE, its successors, or an ining, reissuing, or enforcing rights that may be granted.	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 its Patent that may be granted therefor assigns, or to assist said ASSIGNEE, ag Letters Patent of the United States and in the United States or of any
	<u>DF</u>	CCLARATION	
As a below-named inver	ntor, I hereby declare that:		
The above-identified app	plication was made or authori	zed to be made by me.	
I believe that I am the or	riginal 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: Matthew	Frary		
Signature: /Matthe	w Frary/	Date:	26 August 2021

PATENT REEL: 057313 FRAME: 0365

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REGORDED: 08/27/2021