504880119 04/23/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4926860

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHAN BOHMEYER	03/28/2018
MICHAEL STEIDL	03/21/2018
NOBERT REINSPERGER	03/28/2018

RECEIVING PARTY DATA

Name:	HASSE & WREDE GMBH
Street Address:	GEORG-KNORR-STR. 4
City:	BERLIN
State/Country:	GERMANY

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15906405

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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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Correspondent Name: CROWELL & MORING LLP

Address Line 1: P.O. BOX 14300

Address Line 4: WASHINGTON, DC, D.C. 20044

ATTORNEY DOCKET NUMBER:	100729.PA899US
NAME OF SUBMITTER:	JEFFREY D. SANOK
SIGNATURE:	/Jeffrey D. Sanok/
DATE SIGNED:	04/23/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT 504880119 REEL: 045606 FRAME: 0381

Title of Invention:

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

(For Use with Signed Application Data Sheet)

Torsional Vibration Damper Having a Bearing Device

This a	ssignment and declaration are directed to (che	ick one):
	the application identified above by the attorn	
	PCT International Application Number	, filed
\bowtie	United States Application No. 15/906,405, fi	iled February 27, 2018

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 by these presents hereby sell and assign, unto:

Name of Assignee: Hasse & Wrede GmbH

Address of Assignee: Georg-Knorr-Str. 4, Berlin 12681, GERMANY

(hereinafter ASSIGNEE) all my right, title and interest for the United States, its territories and possessions in and to the above-identified invention and United States patent application, including any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States which 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 as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

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 full and unencumbered 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 deemed 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 which 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 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.

Signature: Inventor:

Stephan BOHMEYER 28.03.78
DATE

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

(For Use with Signed Application Data Sheet)

Title of Invention:	Torsional Vibration Damper Having a Bearing Dev	rice	
the application in PCT Internations	claration are directed to (check one): dentified above by the attorney docket no. and title o al Application Number, filed oplication No. 15/906,405, filed February 27, 2018	of invention	
	ASSIGNMENT		
	consideration, the receipt and sufficiency of which are have sold and assigned, and by these presents hereb		
Name of Assignee:	Hasse & Wrede GmbH		
Address of Assignee:	Georg-Knorr-Str. 4, Berlin 12681, GERMANY		
and to the above-identif continuations thereof, as such application or for s enjoyed by said ASSIGI	3) all my right, title and interest for the United States fied invention and United States patent application, in and in and to any and all Letters Patent of the United staid invention, including any and all reissues or exter NEE, its successors or assigns to the full end of the to be granted as fully and entirely as would have been ade.	ncluding any and all divisions or States which may issue on any asions thereof, to be held and erm or terms for which any and all	
	equest the Director of the U.S. Patent and Trademark SSIGNEE, its successors or assigns in accordance he		
	that I have the full and unencumbered right to sell an nave not executed and will not execute any documen		
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 deemed 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 which 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 for said invention.			
	DECLARATION		
As a below named inven	itor, I hereby declare that:		
The above-identified app	plication was made or authorized to be made by me.		
believe that I am the or	iginal inventor or an original joint inventor of a clain	med invention in the application.	
	at any willful false statement made in this declaration ment of not more than five (5) years, or both.	n is punishable under 18 U.S.C.	
	Jack Stade	<u> 51.03, 18</u>	

PATENT REEL: 045606 FRAME: 0383

RECORDED: 04/23/2018

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

(For Use with Signed Application Data Sheet)

Title of Inven	of Invention: Torsional Vibration Damper Having a Bearing Device		
the app	lication i	claration are directed to (check one): dentified above by the attorney docket no. and title of inventional Application Number, filed oplication No. 15/906,405, filed February 27, 2018	ention ——
		<u>ASSIGNMENT</u>	
		consideration, the receipt and sufficiency of which are her have sold and assigned, and by these presents hereby sell	
Name of Assig	gnee:	Hasse & Wrede GmbH	
Address of As	signee:	Georg-Knorr-Str. 4, Berlin 12681, GERMANY	
and to the above continuations to such application enjoyed by said	ve-identif hereof, as on or for s d ASSIG atent may	E) all my right, title and interest for the United States, its to fied invention and United States patent application, included in and to any and all Letters Patent of the United States taid invention, including any and all reissues or extensions NEE, its successors or assigns to the full end of the term of be granted as fully and entirely as would have been held ade.	ing any and all divisions or which may issue on any s thereof, to be held and or terms for which any and all
		equest the Director of the U.S. Patent and Trademark Offi SSIGNEE, its successors or assigns in accordance herewit	
		hat I have the full and unencumbered right to sell and ass nave not executed and will not execute any document or in	
or assigns all in and deliver any acts deemed ne perfect title to s all Letters Pater ASSIGNEE, its	nformation papers, in cessary contains a con	gree that I will communicate to said ASSIGNEE, its success in known to me relating to said invention or patent applications and registrated at the said ASSIGNEE, its successors, legal representation, to said application including divisions and continuations or assigns, or to assist said ASSIGNEE, its successors assuing or enforcing Letters Patent of the United States for	ation and that I will execute ad perform all other lawful esentatives or assigns to tions thereof and to any and extensions, in said , legal representatives or
		DECLARATION	
As a below nan	ned inven	itor, I hereby declare that:	
The above-iden	tified app	olication was made or authorized to be made by me.	
I believe that I	am the or	iginal inventor or an original joint inventor of a claimed i	nvention in the application.
		at any willful false statement made in this declaration is pument of not more than five (5) years, or both.	ounishable under 18 U.S.C.
Signature:	N. G	REINSPERGER	28th march 2018
Inventor:	Nobert	Keinsperger	DATE

PATENT REEL: 045606 FRAME: 0384