11/21/2019 505786050

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5832878

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL KANDOLF	09/12/2018
ANDREW MLINARIC	09/19/2018
INHWA CHUNG	09/10/2018
STEVEN BURKE	09/13/2018
JEFF MOSSBERG	09/19/2018

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:	16193120		

CORRESPONDENCE DATA

Fax Number: (248)528-4320

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: 2485284359

Email: cdara@brookskushman.com **Correspondent Name:** SCHAEFFLER GROUP USA

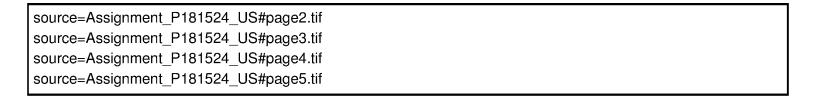
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ATTORNEY DOCKET NUMBER:	P181524 US
NAME OF SUBMITTER:	LEKEISHA M. SUGGS
SIGNATURE:	/Lekeisha M. Suggs/
DATE SIGNED:	11/21/2019

Total Attachments: 5

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PATENT REEL: 051079 FRAME: 0581



PATENT REEL: 051079 FRAME: 0582

(For Use with Signed Application Data Sheet)

Title of Invention: TIMING WHEEL FOR A CAMSHAFT PHASER ARRANGEMENT FOR A CONCENTRIC CAMSHAFT ASSEMBLY

Attorney Docket No.: P181524 US

This assignment and declaration are directed to (check one):

the attached application; the application identified the application identified by the attorney docket no. and title of invention given above;

United States Application or PCT International Application No.16/193.120 filed November 16, 2018

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a belownamed inventor I have sold and assigned, and hereby sell and assign, to:

Name of Assignee: Schaeffler Technologies AG & Co. KG

Industriestraße 1-3, Herzogenaurach, Germany 91074 Address of Assignee:

(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.

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:

Signature:

Page 1 of 1

PATENT **REEL: 051079 FRAME: 0583**

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Name of Assignee:

Schaeffler Technologies AG & Co. KG

Address of Assignee: Industriestraße 1-3, Herzogenaurach, Germany 91074

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Inventor:	Andrew Mlina	ric				
Signature:	(1)	次、	* .	 Date: 9/	19/2018	

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Inventor:	Inhwa Chung						
Signature:	ahrs		ara L	Date:	09/10	12018	
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Inventor: Steven Burk	e				
Signature:	4. 8.4	/>	Date:	Sept. 13	2018

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inventor: Jeff Mossberg Signature: