503058911 11/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3105513

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRAIG MCBURNEY	11/10/2014
JOHN KACHLINE	11/10/2014
MIGUEL ANGEL SANTANA	11/11/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14539653

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.

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Email: cmehall@ddkpatent.com

Correspondent Name: DAVIDSON, DAVIDSON & KAPPEL, LLC Address Line 1: 485 SEVENTH AVENUE, 14TH FLOOR

Address Line 4: NEW YORK, NEW YORK 10018

ATTORNEY DOCKET NUMBER:	588.1168
NAME OF SUBMITTER:	CLINT MEHALL
SIGNATURE:	/Clint Mehall/
DATE SIGNED:	11/12/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT 503058911 REEL: 034158 FRAME: 0246

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

Title of Invention:

METHOD OF FORMING A TORQUE CONVERTER IMPELLER INCLUDING MACHINING A WELD ROOT

	d declaration are directed to (check one):	
the attach the applic United St	application; ion identified by the attorney docket no, and title of invention given above; es 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 Assign	Schaeffler Technologies GmbH & Co. KG	
Address of Assig	ee: Industriestrasse 1-3, Herzogenaurach, Germany 91074	
patent application Patent of the Unit reissues or extens of the term or term utility models, and the United States, rights derived from Convention for the the country in what ASSIGNEE, its some models, designs of without limitation invention in any case to be held and enj	NEE) all right, title, and interest in and to the above-identified invention and United States including: (i) any and all divisions or continuations thereof, and in and to any and all Letters I States that may issue on any such application or for said invention, including any and all as thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end for which any and all such Letters Patent may be granted; (ii) all applications for patents, designs which may hereafter be filed for said invention in any country or countries foreign to objecter with the right to file such applications and the right to claim for the same the priority said United States application under the Patent Laws of the United States, the International Protection of Industrial Property, or any other international agreement or the domestic laws of any such application is filed, as may be applicable, to be held and enjoyed by said cessors, or assigns to the full end of the term or terms for which any and all such patents, utility other rights may be granted; and (iii) all forms of industrial property protection, including, patents, utility models, inventors' certificates and designs which may be granted for said untry or countries foreign to the United States and all extensions, renewals and reissues thereoved by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which tents, utility models, designs or other rights may be granted.	f ity of,
	nd request the Director of the U.S. Patent and Trademark Office to issue any and all such d ASSIGNEE, its successors, or assigns in accordance herewith.	
	ant that I have the right to sell and assign the interests herein sold and assigned and that I have Il not execute any document or instrument in conflict herewith.	e
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.		is,
	DECLARATION	
As a below-named inventor, I hereby declare that:		
The above-identif	d 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. 1901 by fine or imprisonment of not more than five (5) years, or both. lignature: Any Mountain Mounta		
Signature: Vannentor: Crai	MCBURNEY Date: /1-10-2014	,

Page 1 of 1

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

Title of Invention: METHOD OF FORMING A TORQUE CONVERTER IMPELLER INCLUDING MACHINING A WELD ROOT

	Manager Control of the Control of th
the attached app the application is	claration are directed to (check one): elication; identified by the attorney docket no. and title of invention given above; pplication No, filed
	<u>ASSIGNMENT</u>
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 GmbH & Co. KG
Address of Assignee:	Industriestrasse 1-3, Herzogenaurach, Germany 91074
patent application, inclu- Patent of the United Sta- reissues or extensions the of the term or terms for utility models, and designate the United States, together rights derived from said Convention for the Protother country in which an ASSIGNEE, its success models, designs or othe without limitation, pater invention in any country to be held and enjoyed by	E) all right, title, and interest in and to the above-identified invention and United States uding: (i) any and all divisions or continuations thereof, and in and to any and all Letters ites that may issue on any such application or for said invention, including any and all hereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end which any and all such Letters Patent may be granted; (ii) all applications for patents, gns which may hereafter be filed for said invention in any country or countries foreign to her with the right to file such applications and the right to claim for the same the priority. I United States application under the Patent Laws of the United States, the International ection of Industrial Property, or any other international agreement or the domestic laws of y such application is filed, as may be applicable, to be held and enjoyed by said fors, or assigns to the full end of the term or terms for which any and all such patents, utility or rights may be granted; and (iii) all forms of industrial property protection, including, ints, utility models, inventors' certificates and designs which may be granted for said by or countries foreign to the United States and all extensions, renewals and reissues thereof, by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which is, utility models, designs or other rights may be granted.
I hereby authorize and t Letters Patent to said A	request the Director of the U.S. Patent and Trademark Office to issue any and all such SSIGNEE, its successors, or assigns in accordance herewith.
	that I have the right to sell and assign the interests herein sold and assigned and that I have of 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>
	ntor, I hereby declare that:
•	plication was made or authorized to be made by me.
I believe that I am the o	riginal inventor or an original joint inventor of a claimed invention in the application.
	tat any willful fulse statement made in this declaration is punishable under 18 U.S.C. somment of not incre than five (5) years, or both.

Page 1 of 1

John KACHLINE

Inventor: V

Date: 11/10/14

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

Title of Invention:

METHOD OF FORMING A TORQUE CONVERTER IMPELLER INCLUDING MACHINING A WELD ROOT

the attached applic	
	ntified by the attorney docket no, and title of invention given above; lication No, filed
	ASSIGNMENT
	sideration, the receipt and sufficiency of which are hereby acknowledged, as a below- d and assigned, and hereby sell and assign, to:
Name of Assignce:	Schaeffler Technologies GmbH & Co. KG
	Industriestrasse 1-3, Herzogenaurach, Germany 91074
patent application, including Patent of the United States reissues or extensions there of the term or terms for what will ty models, and designate United States, together rights derived from said United States, together rights derived from the Protect the country in which any said ASSIGNEE, its successor models, designs or other rights without limitation, patents invention in any country of to be held and enjoyed by	all right, title, and interest in and to the above-identified invention and United States ing: (i) any and all divisions or continuations thereof, and in and to any and all Leiters is that may issue on any such application or for said invention, including any and all eof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end such any and all such Letters Patent may be granted; (ii) all applications for patents, which may hereafter be filed for said invention in any country or countries foreign to with the right to file such applications and the right to claim for the same the priority nited States application under the Patent Laws of the United States, the International sion of Industrial Property, or any other international agreement or the domestic laws of such application is filed, as may be applicable, to be held and enjoyed by said so, or assigns to the full end of the term or terms for which any and all such patents, utility lights may be granted; and (iii) all forms of industrial property protection, including, and utility models, inventors' certificates and designs which may be granted for said or countries foreign to the United States and all extensions, renewals and reissues thereof, said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which tility models, designs or other rights may be granted.
	uest the Director of the U.S. Patent and Trademark Office to issue any and all such IGNEE, its successors, or assigns in accordance herewith.
	It I have the right to sell and assign the interests herein sold and assigned and that I have 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:	
	cation was made or authorized to be made by me.
I believe that I am the orig	inal inventor or an original joint inventor of a claimed invention in the application.
§ 1001 by fine or impresor	any willful false statement made in this declaration is punishable under 18 U.S.C. mentfor not more than five (5) years, or both.

Page I of I

Date:

PATENT REEL: 034158 FRAME: 0249

11.11-2014

Miguel Angel-SANTANA

Inventor:

RECORDED: 11/12/2014