503840582 05/24/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3887230

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LARS SCHUMANN	02/16/2016
ALEXANDER DREHER	02/16/2016
LASZLO MAN	02/24/2016
PETER GREB	02/16/2016

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:	15038685	

CORRESPONDENCE DATA

Fax Number: (212)736-2427

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: DAVIDSON DAVIDSON & KAPPEL, LLC

Address Line 1: 589 8TH AVENUE, 16TH FLOOR
Address Line 4: NEW YORK, NEW YORK 10018

ATTORNEY DOCKET NUMBER: 619.1188

NAME OF SUBMITTER: WILLIAM C. GEHRIS, REG. NO 38156

SIGNATURE: /williamcgehris/
DATE SIGNED: 05/24/2016

ddk@ddkpatent.com, nkozlowska@ddkpatent.com

Total Attachments: 4

Email:

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PATENT 503840582 REEL: 038705 FRAME: 0628

Title of Invention: SPINDLE-DRIVE UNIT 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. PCT/DE2014/200614, filed November 3, 2014. 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 Address of Assignce: Industriestrasse 1-3, Herzogenaurach 91074 Germany (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. Signature: Lars SCHUMANN Date: Inventor:

Page 1 of 1

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;

ASSIGNMENT

United States Application or PCT International Application No. PCT/DE2014/200614, filed November 3.

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

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

SPINDLE-DRIVE UNIT

Title of Invention:

2014.

(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.

 \S 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature: New Date: 160216

Page 1 of 1

Title of Invention: SPINDLE-DRIVE UNIT

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	ASSIGNMEN	<u>rT</u>			
	valuable consideration, the receipt and sufficiency or I have sold and assigned, and hereby sell and as				
Name of Assig	gnee: SCHAEFFLER TECHNOLOGIES AG	k CO. KG			
Address of As	ssignee: Industriestrasse 1-3, Herzogenaurach	91074 Germany			
patent applicat Patent of the U reissues or ext of the term or utility models, the United Sta- rights derived Convention for the country in ASSIGNEE, it models, design without limitat invention in ar to be held and	terms for which any and all such Letters Patent m, and designs which may hereafter be filed for said tes, together with the right to file such application from said United States application under the Pater the Protection of Industrial Property, or any other which any such application is filed, as may be applied to successors, or assigns to the full end of the term in sor other rights may be granted; and (iii) all formation, patents, utility models, inventors' certificates my country or countries foreign to the United States.	uations thereof, and in and to any and all Letters on or for said invention, including any and all SSIGNEE, its successors, or assigns to the full end ay be granted; (ii) all applications for patents, it invention in any country or countries foreign to its and the right to claim for the same the priority ent Laws of the United States, the International er international agreement or the domestic laws of plicable, to be held and enjoyed by said a or terms for which any and all such patents, utility as of industrial property protection, including, and designs which may be granted for said all extensions, renewals and reissues thereof, ssigns to the full end of the term or terms for which			
	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.				
	covenant that I have the right to sell and assign th and will not execute any document or instrument i	e interests herein sold and assigned and that I have n 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.					
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Signature:	,	Date: 24.02-2016			
Inventor:	Laszlo MAN	LEADER ON " (Carl other to the first CO)			

Page 1 of 1

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RECORDED: 05/24/2016

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Signature:			
Inventor:	Peter GREB	Date:	02/16/2016

Page 1 of 1

PATENT REEL: 038705 FRAME: 0632