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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6620921

		NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	ΔΤΑ				
		Name	Execution Date		
MATTHIAS GRAMANN			05/16/2018		
JOCHEN REITH			05/15/2018		
JUERGEN FABER			05/18/2018		
NICOLAI GRAMANN			05/15/2018		
RECEIVING PARTY D	ΔΤΔ				
Name:		EFFER TECHNOLOGIES AG & CO. KG			
Street Address:	INDUS	STRIESTRASSE 1-3			
City:	HERZO	HERZOGENAURACH			
State/Country:	GERM	ANY			
Postal Code:	91074				
PROPERTY NUMBER		Number			
PROPERTY NUMBER Property Type Application Number: CORRESPONDENCE Fax Number: Correspondence will	DATA be sent to	Number 16063093 o the e-mail address first; if that is uns d; if that is unsuccessful, it will be sen 2127361940 ddk@ddkpatent.com, jdowningbrown@d DAVIDSON, DAVIDSON & KAPPEL, LL 589 8TH AVENUE 22ND FLOOR	<i>t via US Mail.</i> Idkpatent.com		
PROPERTY NUMBER Property Type Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 4:	DATA be sent to provideo	Number 16063093 to the e-mail address first; if that is unsection d; if that is unsuccessful, it will be sented 2127361940 ddk@ddkpatent.com, jdowningbrown@d DAVIDSON, DAVIDSON & KAPPEL, LL 589 8TH AVENUE 22ND FLOOR NEW YORK, NEW YORK 10018	<i>t via US Mail.</i> Idkpatent.com		
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PROPERTY NUMBER Property Type Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	DATA be sent to f provided	Number 16063093 o the e-mail address first; if that is unsid; if that is unsuccessful, it will be sented; addk@ddkpatent.com, jdowningbrown@d; DAVIDSON, DAVIDSON & KAPPEL, LL: 589 8TH AVENUE 22ND FLOOR DAVIDSON, DAVIDSON & KAPPEL, LL: 589 8TH AVENUE 22ND FLOOR NEW YORK, NEW YORK 10018 619600.1004 CLINT R. MEHALL	<i>t via US Mail.</i> Idkpatent.com		
PROPERTY NUMBER Property Type Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, in Phone: Email: Correspondent Name Address Line 1: Address Line 4:	DATA be sent to f provided	Number 16063093 o the e-mail address first; if that is unsuccessful, it will be sended; if that is unsuccessful, it will be sended address function and the sended address function address functi	<i>t via US Mail.</i> Idkpatent.com		

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

(For Use with Signed Application Data Sheet)

Title of Invention: THERMAL MANAGEMENT SYSTEM FOR AN ELECTRIC DRIVE SYSTEM. PREFERABLY FOR A VEHICLE

Attorney Docket No.: 55619600.1004

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/DE2016/200565, filed November 38,

2016.

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: Industricstrasse 1-3, 91074 Herzogenaurach, 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 bereather 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 suid 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 are the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful Alse statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of nøt møre than five (5) years, or both.

li44ias_ Margar -Signature: Matthias GRAMANN

Inventor:

Date (M. 7877) 2018

PATENT REEL: 055711 FRAME: 0364

Page 1 of 1

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

Title of Invention: THERMAL MANAGEMENT SYSTEM FOR AN ELECTRIC DRIVE SYSTEM, PREFERABLY FOR A VEHICLE

Attorney Docket No.: 55619600.1004

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

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United States Application or PCT International Application No. PCT/DE2016/200565, filed November 30,

2016.

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 Assignee: Industriestrasse 1-3, 91074 Herzogenaurach, Germany

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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:	<u> </u>			
Inventor:	Jochen REITH	Date:	<u>AC May</u>	2018

Page 1 of 1

PATENT REEL: 055711 FRAME: 0365

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

(For Use with Signed Application Data Sheet)

Title of Invention: THERMAL MANAGEMENT SYSTEM FOR AN ELECTRIC DRIVE SYSTEM. PREFERABLY FOR A VEHICLE

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United States Application or PCT International Application No. <u>PCT/DE2016/200565</u>, filed <u>November 30</u>, 2016.

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Signature:		and the second	
Inventor:	Jürgen FABER	Date:	

PATENT REEL: 055711 FRAME: 0366

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

Title of Invention: THERMAL MANAGEMENT SYSTEM FOR AN ELECTRIC DRIVE SYSTEM, PREFERABLY FOR A VEHICLE

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Signature:	<u>///</u>	Uramanis		
Inventor:	Nicolai GRAMANN	/	Date:	MG (17, 2018
	,	×	•	

RECORDED: 03/25/2021

PATENT REEL: 055711 FRAME: 0367