504670957 12/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ULRICH OHNEMUS	11/08/2017
MICHAEL ETZEL	11/09/2017
BENJAMIN KLUGE	11/07/2017
SEBASTIAN LIEBERT	11/07/2017

RECEIVING PARTY DATA

Name:	BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT		
Street Address:	PETUELRING 130		
City:	MUENCHEN		
State/Country:	GERMANY		
Postal Code:	80809		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15831494

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.

Phone: 202-624-2500

Email: lbuckler@crowell.com

CROWELL & MORING LLP Correspondent Name:

Address Line 1: 1001 PENNSYLVANIA AVENUE, NW

Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	080437.PA402US
AME OF SUBMITTER: JEFFREY D. SANOK	
SIGNATURE:	/Jeffrey D. Sanok/
DATE SIGNED:	12/05/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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PATENT REEL: 044296 FRAME: 0694

EPAS ID: PAT4717679

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PATENT REEL: 044296 FRAME: 0695 Title of Invention:

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

(For Use with Signed Application Data Sheet)

nd title of invention
led

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: Bayerische Motoren Werke Aktiengesellschaft

Electric Drive System

Address of Assignee: Petuelring 130, Muenchen 80809, 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:

Ulrich OHNEMUS

08/11/2017

DATE

PATENT REEL: 044296 FRAME: 0696 Title of Invention:

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

(For Use with Signed Application Data Sheet)

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Electric Drive System

This as	signment and declaration are directed to (check	one):	
\boxtimes	the application identified above by the attorney	docket no.	and title of invention
	PCT International Application Number		filed
	United States Application No.		
	* *		***************************************

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: Bayerische Motoren Werke Aktiengesellschaft Address of Assignee: Petuelring 130, Muenchen 80809, 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.

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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:

Michael ETZEL

9,11,2012 DATE

DAIL

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

Title of Invention:	Electric Drive System	
the application i PCT Internation	claration are directed to (check one): dentified above by the attorney docke al Application Number oplication No.	filed
	ASSIGNME	NI
For good and valuable of below named inventor I	consideration, the receipt and sufficient have sold and assigned, and by these	ncy of which are hereby acknowledged, as a presents hereby sell and assign, unto:
Name of Assignee:	Bayerische Motoren Werke Aktier	igesellschaft
Address of Assignee:	Petuelring 130, Muenchen 80809,	GERMANY
and to the above-identif continuations thereof, as such application or for s enjoyed by said ASSIGI	ied invention and United States patement in and to any and all Letters Patent aid invention, including any and all reNEE, its successors or assigns to the face be granted as fully and entirely as we	e United States, its territories and possessions in t application, including any and all divisions or of the United States which may issue on any cissues or extensions thereof, to be held and ull end of the term or terms for which any and all ould have been held and enjoyed by me had this
I hereby authorize and n Letters Patent to said AS	equest the Director of the U.S. Patent SSIGNEE, its successors or assigns in	and Trademark Office to issue any and all such accordance herewith.
I warrant and covenant t and assigned and that I h herewith.	hat I have the full and unencumbered have not executed and will not execute	right to sell and assign the interests herein sold any document or instrument in conflict
or assigns all information and deliver any papers, in acts deemed necessary of perfect title to said inversall Letters Patent which: ASSIGNEE, its successor	n known to me relating to said inventi make all rightful oaths, testify in any l r desirable by said ASSIGNEE, its su ntion, to said application including div may be granted therefor or thereon, in	ASSIGNEE, its successors, legal representatives ion or patent application and that I will execute egal proceedings and perform all other lawful excessors, legal representatives or assigns to isions and continuations thereof and to any and cluding reissues or extensions, in said NEE, its successors, legal representatives or ne United States for said invention.
	<u>DECLARATI</u>	ON
As a below named inven	tor, I hereby declare that:	
The above-identified app	olication was made or authorized to be	made by me.
believe that I am the or	iginal inventor or an original joint inv	entor of a claimed invention in the application.
hereby acknowledge the		this declaration is punishable under 18 U.S.C.
ignature: 🎉	siana, Hay	7. 17. 1.2 DATE
nventor: Benjam	in KLUGE	DATE

PATENT REEL: 044296 FRAME: 0698

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

Title of Invention:	Electric Drive System	
the application i PCT Internation	al Application Number	ck one): ey docket no. and title of invention filed filed
	ASSIC	GNMENT .
For good and valuable of below named inventor I	consideration, the receipt and have sold and assigned, and	sufficiency of which are hereby acknowledged, as a by these presents hereby sell and assign, unto:
Name of Assignee:	Bayerische Motoren Werk	e Aktiengesellschaft
Address of Assignee:	Petuelring 130, Muenchen	80809, GERMANY
and to the above-identif continuations thereof, as such application or for s enjoyed by said ASSIG	ied invention and United Stat and in and to any and all Lette said invention, including any NEE, its successors or assign be granted as fully and entire	est for the United States, its territories and possessions in the patent application, including any and all divisions or rs Patent of the United States which may issue on any and all reissues or extensions thereof, to be held and s to the full end of the term or terms for which any and all ely as would have been held and enjoyed by me had this
I hereby authorize and r Letters Patent to said At	equest the Director of the U.S SSIGNEE, its successors or a	5. Patent and Trademark Office to issue any and all such ssigns in accordance herewith.
I warrant and covenant tand assigned and that I I herewith.	that I have the full and unenci have not executed and will no	umbered right to sell and assign the interests herein sold of execute any document or instrument in conflict
or assigns all information and deliver any papers, and acts deemed necessary of perfect title to said inversall Letters Patent which ASSIGNEE, its successory	n known to me relating to sai make all rightful oaths, testify or desirable by said ASSIGNE ation, to said application inclu- may be granted therefor or the ors or assigns, or to assist said	to said ASSIGNEE, its successors, legal representatives d invention or patent application and that I will execute in any legal proceedings and perform all other lawful EE, its successors, legal representatives or assigns to uding divisions and continuations thereof and to any and ereon, including reissues or extensions, in said I ASSIGNEE, its successors, legal representatives or a stent of the United States for said invention.
	DECLA	<u> </u>
	tor, I hereby declare that:	
	olication was made or authori	-
I believe that I am the or	iginal inventor or an original	joint inventor of a claimed invention in the application.
I hereby acknowledge th 1001 by fine or imprison	at any willful false statement ment of not more than five (5	made in this declaration is punishable under 18 U.S.C. 5) years, or both.
Signature: Sebastic	as has hely	7. Nov. 2017

PATENT REEL: 044296 FRAME: 0699

RECORDED: 12/05/2017