PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5423772

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
STEFAN HEINBOCKEL	09/26/2018
HELMUT WAGATHA	09/21/2018
FREDRIK HOCKE	09/24/2018
RALF WISTORF	09/25/2018

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:	16138436

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

edocket@crowell.com, abaland@crowell.com Email:

CROWELL & MORING LLP INTELLECTUAL PROPERTY GROUP **Correspondent Name:**

Address Line 1: P.O. BOX 14300

Address Line 4: WASHINGTON, D.C. 20044-4300

ATTORNEY DOCKET NUMBER:	080437.PB531US	
NAME OF SUBMITTER:	JONATHAN M. LINDSAY	
SIGNATURE:	/Jonathan Lindsay/	
DATE SIGNED:	03/15/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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PATENT REEL: 048608 FRAME: 0584

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> PATENT REEL: 048608 FRAME: 0585

(For Use with Signed Application Data Sheet)

Title of Invention:	Authorizing the Use of a M	Aotor Vehicle	
the application is	claration are directed to (ch dentified above by the attor al Application Number pplication No	eck one): ney docket no. and title of invo	ention
	ASS	GNMENT	
		d sufficiency of which are her d by these presents hereby sell	
Name of Assignee:	Bayerische Motoren Wer	ke Aktiengesellschaft	
Address of Assignee:	Petuelring 130, Muenche	n, Germany 80809	••
and to the above-identif continuations thereof, as such application or for s enjoyed by said ASSIG	ied invention and United St nd in and to any and all Let taid invention, including an NEE, its successors or assig be granted as fully and enti	rest for the United States, its to ates patent application, includiters Patent of the United States y and all reissues or extensions as to the full end of the term of the y as would have been held	ing any and all divisions or which may issue on any s thereof, to be held and or terms for which any and al
		S. Patent and Trademark Offi assigns in accordance herewit	
		combered right to sell and ass not execute any document or it	
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.			
	DECI	<u>ARATION</u>	
As a below named inver	ntor, I hereby declare that:		
The above-identified ap	plication was made or autho	rized to be made by me.	
I believe that I am the or	riginal inventor or an origin	al joint inventor of a claimed i	nvention in the application.
	iat any willful false stateme ament of not more than five	nt made in this declaration is p (5) years, or both.	ounishable under 18 U.S.C.
Signature: 4/ Inventor: Stefan	HEINBOCKEL		26.09.2013 DATE

(For Use with Signed Application Data Sheet)

Title of Invention: Authorizing the Use of a Motor Vehicle		
This assignment and declaration are directed to (check one):		
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, Germany 80809		
(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.		
<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.		
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: Helmat WAGATHA Ogasta 21.09.18 DATE		

(For Use with Signed Application Data Sheet)

Title of Invention:	Authorizing the Use of a Motor Vehicle	
the application is	claration are directed to (check one): dentified above by the attorney docket no. and title of invention al Application Number	
	ASSIGNMENT	
For good and valuable of below named inventor l	consideration, the receipt and sufficiency of which are hereby acknowledged, as a have sold and assigned, and by these presents hereby sell and assign, unto:	
Name of Assignee:	Bayerische Motoren Werke Aktiengesellschaft	
Address of Assignce:	Petuelring 130, Muenchen, Germany 80809	
and to the above-identif continuations thereof, a such application or for a enjoyed by said ASSIG	ied invention and United States patent application, including any and all divisions or and in and to any and all Letters Patent of the United States which may issue on any said invention, including any and all reissues or extensions thereof, to be held and NEE, its successors or assigns to the full end of the term or terms for which any and all be granted as fully and entirely as would have been held and enjoyed by me had this ade.	
I hereby authorize and r Letters Patent to said AS	equest the Director of the U.S. Patent and Trademark Office to issue any and all such SSIGNEE, its successors or assigns in accordance herewith.	
I warrant and covenant is and assigned and that I liberewith.	hat I have the full and unencumbered right to sell and assign the interests herein sold nave not executed and will not execute any document or instrument in conflict	
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.		
	<u>DECLARATION</u>	
As a below named inver	itor, I hereby declare that:	
The above-identified app	olication was made or authorized to be made by me.	
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 made in this declaration is punishable under 18 U.S.C. ment of not more than five (5) years, or both.	
Signature: Signature: Fredrik	HOCKE DATE WALL DATE	

(For Use with Signed Application Data Sheet)

Title of Invention:	Authorizing the Use of a	Motor Vehicle
the application	declaration are directed to (c n identified above by the atto onal Application Number Application No	check one): orney docket no. and title of invention, filed, filed
	à St	SIGNMENT
	le consideration, the receipt a	and sufficiency of which are hereby acknowledged, as a mid by these presents hereby sell and assign, unto:
Name of Assignee:	Bayerische Motoren W	erke Aktiengesellschaft
Address of Assignee	: Petuelring 130, Muench	ien, Germany 80809
and to the above-iden continuations thereof such application or fo enjoyed by said ASSI	ntified invention and United! , and in and to any and all Le or said invention, including a IGNEE, its successors or ass any be granted as fully and er	terest for the United States, its territories and possessions in States patent application, including any and all divisions or etters Patent of the United States which may issue on any and all reissues or extensions thereof, to be held and igns to the full end of the term or terms for which any and all natirely as would have been held and enjoyed by me had this
		U.S. Patent and Trademark Office to issue any and all such or assigns in accordance herewith.
		encumbered right to sell and assign the interests herein sold. I not execute any document or instrument in conflict.
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.		
	DEC	LARATION
As a below named inv	ventor, I hereby declare that:	
The above-identified	application was made or auti	horized to be made by me.
I believe that I am the	original inventor or an origi	inal joint inventor of a claimed invention in the application.
	that any willful false statem sonment of not more than fiv	nent made in this declaration is punishable under 18 U.S.C. ve (5) years, or both.
Signature: Inventor: Raff	WISTORF / W	<u> Sept 25 2008</u> DATE

DCACTIVE-46560206.1

PATENT REEL: 048608 FRAME: 0589

RECORDED: 03/15/2019