## 504353378 05/05/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4400067

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DIETER WEIDEMANN	04/18/2017
HEIKO HANICKEL	05/02/2017
FLORIAN KOLB	04/04/2017
HANS JÖRG BRÜHL	04/03/2017

#### **RECEIVING PARTY DATA**

Name:	AUDI AG
Street Address:	INGOLSTADT
City:	85045
State/Country:	GERMANY

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15524639

## **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.

Email: patent@maierandmaier.com
Correspondent Name: MAIER & MAIER, PLLC

Address Line 1: 345 SOUTH PATRICK STREET Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	07780121US	
NAME OF SUBMITTER:	TIMOTHY J. MAIER	
SIGNATURE:	/Timothy J. Maier/	
DATE SIGNED:	05/05/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

## **Total Attachments: 4**

504353378

source=Assignment-signed-all#page1.tif source=Assignment-signed-all#page2.tif source=Assignment-signed-all#page3.tif source=Assignment-signed-all#page4.tif

Title of Invention: METHOD FOR OPERATING A MOTOR VEHICLE COMPRISING AN ALL-WHEEL DRIVE THAT CAN BE ENABLED AND DISABLED BY DETERMINING AN ANGULAR ACCELERATION OF COMPONENTS WHICH ARE UNCOUPLED WHEN THE ALL-WHEEL DRIVE IS DISABLED

BECLERRATION
As a below named inventor, I hereby declare that:
This declaration is directed to:
The attached application, or
United States application or PCT international application number, filed on
The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint
inventor of a claimed invention in the application. I have reviewed and understood the contents of the above-identified application,
including the claims, and any claim amendments made in the application. I acknowledge the duty to disclose all information which is
material to patentability as defined in 37 CFR 1.56.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or
imprisonment of not more than five (5) years, or both.
ASSIGNMENT
WHEREAS, I, Dieter WEIDEMANN, whose post office address is StWendelin-Str. 4, 85134 Stammham (DE), hereinafter referred to
as ASSIGNOR, am the owner of useful improvements in METHOD FOR OPERATING A MOTOR VEHICLE COMPRISING AN
ALL-WHEEL DRIVE THAT CAN BE ENABLED AND DISABLED BY DETERMINING AN ANGULAR ACCELERATION OF
COMPONENTS WHICH ARE UNCOUPLED WHEN THE ALL-WHEEL DRIVE IS DISABLED (hereinafter referred to as the
INVENTION) for which the above application for United States Letters Patent was filed on: May 5, 2017 Serial No.: 15/524,639 ; or established by PCT International Patent Application No.: filed:
designating the United States of America;
WHEREAS, AUDI AG, whose post office address is 85045 Ingolstadt, Germany, hereinafter referred to as Assitive, is desirous of
acquiring the entire right, title and interest in and to the same in the United States;
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout
the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and
reissue of said application.
ALSO, ASSICNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution
and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional
documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR
also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request
documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further
assurances and testimony on behalf of ASSKAREE that lawfully may be required of ASSKAROR in respect of the prosecution, maintenance
and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this
instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.
ALSO, Assicnon hereby authorizes and requests the Director of the U.S. Patent and Trademark office to issue any and all Letters
Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use
and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such
Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.
ASSIGNOR authorizes any member of the firm of Maier & Maier, PLLC to insert or complete any information in this document
needed to effect its recordal in the U.S. Patent and Trademark Office.
Legal Name of Inventor: Dieter WEIDEMANN
x / 400 document x 18.04.2017
Inventor's Signature Date
was a supplied to the supplied of the supplied

Title of Invention: METHOD FOR OPERATING A MOTOR VEHICLE COMPRISING AN ALL-WHEEL DRIVE THAT CAN BE ENABLED AND DISABLED BY DETERMINING AN ANGULAR ACCELERATION OF COMPONENTS WHICH ARE UNCOUPLED WHEN THE ALL-WHEEL DRIVE IS DISABLED

DECLARATION

As a below named inventor, I hereby declare that:  This declaration is directed to:	
The attached application, or	
	Slad os
United States application or PCT international application number	nied on
The above-identified application was made or authorized to be made by me. I believe I inventor of a claimed invention in the application. I have reviewed and understood the cincluding the claims, and any claim amendments made in the application. I acknowledge material to patentability as defined in 37 CFR 1.56.	contents of the above-identified application,
I hereby acknowledge that any willful false statement made in this declaration is punish imprisonment of not more than five (5) years, or both.	table under 18 USC 1001 by fine or
ASSIGNMENT	
WHEREAS, I. Heiko HANICKEL, whose post office address is Kapellenweg 3, 85110 K ASSIGNOR, am the owner of useful improvements in METHOD FOR OPERATING A MC WHEEL DRIVE THAT CAN BE ENABLED AND DISABLED BY DETERMINING A COMPONENTS WHICH ARE UNCOUPLED WHEN THE ALL-WHEEL DRIVE IS D INVENTION) for which the above application for United States Letters Patent was filed on:  No.: 15/524,639; or established by PCT International Patent Application	OTOR VEHICLE COMPRISING AN ALL. N ANGULAR ACCELERATION OF ISABLED (hereinafter referred to as the May 5, 2017 Serial
designating the United States of America; WHEREAS, AUDI AG, whose post office address is 85045 Ingolstadt, Germany, herei	
acquiring the entire right, title and interest in and to the same in the United States; NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby	
do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to the United States of America, including any and all Letters Patent granted on any division	
reissue of said application.	7.4
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required and maintenance of said application or any other patent application(s) in the United States documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION also agrees, without further consideration and at ASSIGNEE's expense, to identify and come documents and information concerning the INVENTION that are within ASSIGNOR'S possess assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR and defense of any patent application or patent encompassed within the terms of this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representations and other legal represents the Director of the U.S. Patent and T Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors. Letters Patent may be granted, as fully and entirely as the same would have been held by been made.  ASSIGNOR authorizes any member of the firm of Maier & Maier, PLLC to insert or conceded to effect its recordal in the U.S. Patent and Trademark Office.	s for said INVENTION, including additional and without further consideration. ASSIGNOR municate to ASSIGNEE at ASSIGNEE's request alon or control, and to provide further OR in respect of the prosecution, maintenance rement. ASSIGNOR'S obligations under this resentatives. Trademark office to issue any and all Letters in and to the same, for ASSIGNEE'S sole uses, to the full end of the term for which such ASSIGNOR had this assignment and sale not
Legal Name of Inventor: Heiko HANICKEL	
x L - Horko x 2	5 2017
Inventor's Signature Date	

Title of Invention: METHOD FOR OPERATING A MOTOR VEHICLE COMPRISING AN ALL-WHEEL DRIVE THAT CAN BE ENABLED AND DISABLED BY DETERMINING AN ANGULAR ACCELERATION OF COMPONENTS WHICH ARE UNCOUPLED WHEN THE ALL-WHEEL DRIVE IS DISABLED

DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
The attached application, or	
United States application or PCT international application number	, filed on
The above-identified application was made or authorized to be made by me. I believe I inventor of a claimed invention in the application. I have reviewed and understood the including the claims, and any claim amendments made in the application. I acknowledg material to patentability as defined in 37 CFR 1.56.	contents of the above-identified application,
I hereby acknowledge that any willful false statement made in this declaration is punis imprisonment of not more than five (5) years, or both.	hable under 18 USC 1001 by fine or
ASSIGNMENT	
WHEREAS, I. Florian KOLB, whose post office address is Zuccallistr 17, \$5049 Ingolst am the owner of useful improvements in METHOD FOR OPERATING A MOTOR VEIDRIVE THAT CAN BE ENABLED AND DISABLED BY DETERMINING AN ANGUAD COMPONENTS WHICH ARE UNCOUPLED WHEN THE ALL-WHEEL DRIVE IS DESCRIPTION FOR which the above application for United States Letters Patent was filed on No.: 15/524,639 ; or established by PCT International Patent Application	HICLE COMPRISING AN ALL-WHEEL  PLAR ACCELERATION OF  HISABLED (hereinafter referred to as the May 5, 2017 Serial
designating the United States of America;	***************************************
WHEREAS, AUDI AG, whose post office address is 85045 Ingolstadt, Germany, here	inafter referred to as ASSIGNEE, is desirous of
acquiring the entire right, title and interest in and to the same in the United States;	
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby	
do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to the United States of America, including any and all Letters Patent granted on any division	
reissue of said application.	A STATE OF THE STA
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be require and maintenance of said application or any other patent application(s) in the United State documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION also agrees, without further consideration and at ASSIGNEE's expense, to identify and compound the information concerning the INVENTION that are within ASSIGNOR'S possess assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGN and defense of any patent application or patent encompassed within the terms of this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal rep ALSO, ASSIGNOR hereby authorizes and requests the Director of the U.S. Patent and T Patent referred to above to ASSIGNEE, as the ASSIGNEE's legal representatives and successor and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successor.	s for said INVENTION, including additional s, all without further consideration. Assignous imministe to Assignee at Assignee's request sion or control, and to provide further for in respect of the prosecution, maintenance rument. Assignon's obligations under this resentatives.  Trademark office to issue any and all Letters to and to the same, for Assignee's sole use s, to the full end of the term for which such
Letters Patent may be granted, as fully and entirely as the same would have been held by been made.	ASSIGNOR had this assignment and sale not
ASSIGNOR authorizes any member of the firm of Maier & Maier, PLLC to insert or of	consulate and information in this document
needed to effect its recordal in the U.S. Patent and Trademark Office.	
Legal Name of Inventor: Florian KOLB	
x Floren Vac x 1	94-04-2017
Inventor's Signature professional Date	

Title of Invention: METHOD FOR OPERATING A MOTOR VEHICLE COMPRISING AN ALL-WHEEL DRIVE THAT CAN BE ENABLED AND DISABLED BY DETERMINING AN ANGULAR ACCELERATION OF COMPONENTS WHICH ARE UNCOUPLED WHEN THE ALL-WHEEL DRIVE IS DISABLED

<u> Michaelle</u>
As a below named inventor, I hereby declare that:
This declaration is directed to:
The attached application, or United States application or PCT international application number, filed on
The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understood the contents of the above-identified application, including the claims, and any claim amendments made in the application. I acknowledge the duty to disclose all information which i material to patentability as defined in 37 CFR 1.56.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.
ASSIGNMENT
WHEREAS, I, Hans Jörg BRÜHL, whose post office address is Gladiolenstrate 3a, 85092 Kösching (DE), hereinafter referred to as ASSIGNOR, am the owner of useful improvements in METHOD FOR OPERATING A MOTOR VEHICLE COMPRISING AN ALL-WHEEL DRIVE THAT CAN BE ENABLED AND DISABLED BY DETERMINING AN ANGULAR ACCELERATION OF COMPONENTS WHICH ARE UNCOUPLED WHEN THE ALL-WHEEL DRIVE IS DISABLED (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: May 5, 2017 Serial No.: 15/524,639; or established by PCT International Patent Application No.: filed:
designating the United States of America; WHEREAS, <u>AUDI AG</u> , whose post office address is <u>85045 Ingolstadt</u> , <u>Germany</u> , hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these present do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOE also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.  ALSO, ASSIGNOR hereby authorizes and requests the Director of the U.S. Patent and Trademark office to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.  ASSIGNOR authorizes any member of the firm of Maier & Maier, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.
Legal Name of Inventor: Hans Jörg BRÜHL
x four Jorg Brill x 03.04.2017
Inventor's Signature Date

PATENT REEL: 042252 FRAME: 0156

**RECORDED: 05/05/2017**