504498716 08/10/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BASTIAN SCHEURICH	07/14/2017
DR. TILO KOCH	07/20/2017
PROF. DR. FRANK GAUTERIN	07/13/2017
DR. MICHAEL FREY	07/13/2017

RECEIVING PARTY DATA

Name:	AUDI AG
Street Address:	INGOLSTADT
City:	85045
State/Country:	GERMANY
Name:	KARLSRUHER INSTITUT FÜR TECHNOLOGIE
Street Address:	KAISERSTRASSE 12
City:	KARLSRUHE
State/Country:	GERMANY
Postal Code:	76131

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15544085

CORRESPONDENCE DATA

504498716

Fax Number: (703)991-7071

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: (703)740-8322

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

ATTORNEY DOCKET NUMBER:	07780148US
NAME OF SUBMITTER:	TIMOTHY J. MAIER
SIGNATURE:	/Timothy J. Maier/

DATE SIGNED:	08/10/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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source=07780148US-Assign-2-KOCH-signed#page1.tif

source=07780148US-Assign-3-GAUTERIN-signed#page1.tif

source=07780148US-Assign-4-FREY-signed#page1.tif

DECLARATION AND ASSIGNMENT

Title of Invention: GYROSCOPE-BASED ROTATION DAMPER FOR A MOTOR VEHICLE
As a below named inventor, I hereby declare that: This deployation is discreted by
This declaration is directed to: The attached application, or United States application or PCT international application number 15/544,085 filed on July 17, 2017
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, Bastian SCHEURICH, whose post office address is Donauschwahenstr. 19, 74206 Bad Wimpfen (DE), hereinafter referred to as ASSIGNOR, am the owner of useful improvements inGYROSCOPE-BASED ROTATION DAMPER FOR A MOTOR
for which the above application for United States Letters Patent was filed on: <u>July 17, 2017</u> Serial No.: <u>15/544,085</u> , or established by PCT International Patent Application No.: filed: designating the United States of America;
WHEREAS, <u>AUDI AG</u> , whose post office addresses is <u>85045 Ingolstadt</u> , <u>Germany</u> : and <u>Karlsruher Institut für Technologie</u> , whose post office addresses is <u>Kaiserstraße 12, 76131 Karlsruhe</u> , <u>Germany</u> , hereinafter referred to as ASSIGNEES, are 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 ASSIGNEES, 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 ASSIGNEES in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEES' expense, to identify and communicate to ASSIGNEES at ASSIGNEES' 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 ASSIGNEES 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 ASSIGNEES, as the ASSIGNEES of the entire right, title and interest in and to the same, for ASSIGNEES' sole use and behoof; and for the use and behoof of ASSIGNEES' 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: Bastian SCHEURICH
x paria Green x 74.04.77
Inventor's Signature Date

DECLARATION AND ASSIGNMENT

Title of Invention:GYROSCOPE-8A	SED ROTATION DAMPER FOR A MOTOR VEHICLE	
As a below named inventor, I hereby declaration is directed to: The attached application.		
United States application	or PCT international application number $15/544,085$, filed on <u>J</u>	uly 17, 2017
inventor of a claimed invention in the appl	or authorized to be made by me. I believe I am the original inventor of cation. I have reviewed and understood the contents of the above-ide nents made in the application. I acknowledge the duty to disclose all FR 1.56.	ntified application.
I hereby acknowledge that any willful false imprisonment of not more than five (5) year	e statement made in this declaration is punishable under 18 USC 100 us, or both.	by fine or
	ASSIGNMENT	
ASSIGNOR, am the owner of useful improves (hereinafter referred to as the INVENTION) for	office address is Am Güßgraben 8, 85055 Ingolstadt (DE), hereinafter ments inGYROSCOPE-BASED ROTATION DAMPER FOR A MO is which the above application for United States Letters Patent was filed established by PCT International Patent Application No.:	TOR VEHICLE Ion: <u>July 17, 2</u> 01
	ce addresses is <u>85045 Ingolstadt, Germany;</u> and <u>Karlsruber Institut für 31 Karlsrube, Germany,</u> hereinafter referred to as ASSIGNEES, are det e same in the United States;	
presents do sell, assign and transfer unto sai	able consideration, receipt of which is hereby acknowledged, I, ASSIG! d ASSIGNEES, the entire right, title, and interest in and to said INVEN America, including any and all Letters Patent granted on any division, ocation.	ITION and
and maintenance of said application or any of documents that may be required to affirm th ASSIGNOR also agrees, without further con ASSIGNEES' request documents and informand to provide further assurances and testim the prosecution, maintenance and defense of	cute any documents that legally may be required in connection with the other patent application(s) in the United States for said INVENTION, it is rights of ASSIGNEES in and to said INVENTION, all without further sideration and at ASSIGNEES' expense, to identify and communicate nation concerning the INVENTION that are within ASSIGNOR'S posseony on behalf of ASSIGNEES that lawfully may be required of ASSIG any patent application or patent encompassed within the terms of this tent shall extend to ASSIGNOR'S heirs, executors, administrators and contents and the state of the	neluding additional reconsideration. to ASSIGNEES at ession or control, NOR in respect of instrument.
Patent referred to above to ASSIGNEES, as sole use and behoof, and for the use and beh	d requests the Director of the U.S. Patent and Trademark office to issue the ASSIGNEES of the entire right, title and interest in and to the same oof of ASSIGNEES' legal representatives and successors, to the full ensulph and entirely as the same would have been held by ASSIGNOR has been supported by ASSIGNOR in the same would have been held by ASSIGNOR in the same would have be	e, for ASSIGNEES' ad of the term for
ASSIGNOR authorizes any member of the needed to effect its recordal in the U.S. Pater	re firm of Maier & Maier, PLLC to insert or complete any information in and Trademark Office,	in this document
Legal Name of Inventor: <u>Qr. Tilo KOCH</u>		
x The lot	7005-F0-CS x	
Inventor's Signature	Date	

DECLARATION AND ASSIGNMENT

Title of Invention: GYROSCOPE-BASED ROTATION DAMPER FOR A MOTOR VEHICLE
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 15/544,085 , filed on July 17, 2017
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 insterial to patentability as defined in 37 CFR 1.56.
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or mprisonment of not more than five (5) years, or both.
ASSIGNMENT
WHEREAS, I, Prof. Dr. Frank GAUTERIN, whose post office address is Slevogistr, 21, 76829 Leinsweiler (DE), hereinafter referred to as Assignor, and the owner of useful improvements in GYROSCOPE-BASED ROTATION DAMPER FOR A MOTOR (hereinafter referred to as the invention) or which the above application for United States Letters Patent was filed on: July 17, 2017 Serial to restablished by PCT International Patent Application No.: filed: filed: testignating the United States of America;
WHEREAS, AUDI AG, whose post office addresses is 85045 Ingolstadt. Germany; and Karlsruher Institut für Technologie, whose post office addresses is Kaiserstraße 12, 76131 Karlsruhe, Germany, hereinafter referred to as ASSIGNEES, are destrous of acquiring he 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 ASSIGNEES, 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 locuments that may be required to affirm the rights of ASSIGNEES in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEES' expense, to identify and communicate to ASSIGNEES at ASSIGNEES' 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 ASSIGNEES 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 expresentatives.
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ASSIGNOR authorizes say member of the firm of Maier & Maier, PLLC to insert or complete any information in this document needed to effect its recognized in the U.S. Patent and Trademark Office. Legal Name of Lygarbr For Dr. Founk CAUTERIN
x 13 JULI 2017
nventor's Signoffine Date

DECLARATION AND ASSIGNMENT
Title of Inventions GYROSCOPE-BASED ROTATION DAMPER FOR A MOTOR VEHICLE
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 15/544,085, filed on July 17, 2017
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, Dr. Michael FREY, whose post office address is Hurststr. 6, 76275 Ettlingen (DE), hereinafter referred to as ASSIGNOR, am the owner of useful improvements in GYROSCOPE-BASED ROTATION DAMPER FOR A MOTOR VEHICLE (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: July 17, 201 Serial No.: 15/544,085 or established by PCT International Patent Application No.: filed: designating the United States of America:
WHEREAS, <u>AUDI AG</u> , whose post office addresses is <u>85045 Ingolstadt</u> . <u>Germany</u> ; and <u>Karlsruher Institut für Technologie</u> , whose post office addresses is <u>Kaiserstraße 12. 76131 Karlsruhe</u> . <u>Germany</u> , hereinafter referred to as ASSIGNEES, are 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 ASSIGNEES, 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.
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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 Taylathor 19th, Michael 1988
x /////callyx \$3.500 2017
Inventor's Signature Date

PATENT REEL: 043263 FRAME: 0328

RECORDED: 08/10/2017