504353752 05/05/2017

PATENT ASSIGNMENT COVER SHEET

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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	04/06/2017
HANS JÖRG BRÜHL	04/06/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15516978

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.

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

ATTORNEY DOCKET NUMBER:	07780126US
NAME OF SUBMITTER:	TIMOTHY J, MAIER
SIGNATURE:	/Timothy J. MAIER/
DATE SIGNED:	05/05/2017

Total Attachments: 4

source=07780126US_Declaration_Assignment#page1.tif source=07780126US_Declaration_Assignment#page2.tif source=07780126US_Declaration_Assignment#page3.tif source=07780126US_Declaration_Assignment#page4.tif

PATENT 504353752 REEL: 042254 FRAME: 0728

Title of Invention: DOG CLUTCH COMPRISING A SENSOR FOR RECOGNIZING AN ENGAGED STATE

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	5516978 filed on 05-APR-2017
The above-identified application was made or authorized to be made by me. I believe I a 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.	am the original inventor or an original joint contents of the above-identified application, e the duty to disclose all information which i
I hereby acknowledge that any willful false statement made in this declaration is punish imprisonment of not more than five (5) years, or both.	able under 18 USC 1001 by fine or
ASSIGNMENT	
WHEREAS, I. Hans Jörg BRÜHL. whose post office address is Gladiolenstraße 3a, 85092 ASSIGNOR, am the owner of useful improvements in DOG CLUTCH COMPRISING A SE ENGAGED STATE (hereinafter referred to as the Invention) for which the above application of the control of the contr	ation for United States Letters Patent was ed by PCT International Patent Application attes of America; nafter referred to as ASSIGNEE, is desirous of acknowledged, I, ASSIGNOR, by these present a said INVENTION and application throughout, continuation, continuation-in-part and d in connection with the filling, prosecution a for said INVENTION, including additional and without further consideration. ASSIGNORMALICATE TO ASSIGNORMALICATE ASSIGNORMALICATE TO THE PROPERTY OF INTERPRETATION OF THE PROPERTY OF
	604.2017
Inventor's Signature V Date	

PATENT REEL: 042254 FRAME: 0729

Title of Invention: DOG CLUTCH COMPRISING A SENSOR FOR RECOGNIZING AN ENGAGED STATE

<u>DECLARATION</u>
As a below named inventor, I hereby declare that:
This declaration is directed to: The attached application, or
The attached application, or United States application or PCT international application number 15516978, filed on 05-APR-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.
thereby 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, Heiko HANICKEL, whose post office address is Kapellenweg 3, \$5110 Kinfenberg (DE), hereinafter referred to as ASSIGNOR, am the owner of useful improvements in DOG CLUTCH COMPRISING A SENSOR FOR RECOGNIZING AN ENGAGED STATE (hereinafter referred to as the Invention) for which the above application for United States Leners Patent was filed on: 05-APR-2017 Serial No.: 15516978 ; or established by PCT International Patent Application [filed]. designating the United States of America; WHEREAS, AUDI AG, whose post office address is 85045 Ingolstadt, Germany, 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 selt, assign and transfer unto said ASSIGNEE, is earlier 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 and at ASSIGNEE has also agrees, without further consideration and at ASSIGNEE has lawfully may be required of ASSIGNEE at 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 has 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 obligatio
needed to effect its recordal in the U.S. Patent and Trademark Office.
Legal Name of Inventor: Heiko HANICKEL
x 20 x 25.702
Inventor's Signature Date

PATENT REEL: 042254 FRAME: 0730

Title of Invention: DOG CLUTCH COMPRISING A SENSOR FOR RECOGNIZING AN ENGAGED STATE

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 15516978 filed on 05-APR-2017 X 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 Pezoldstr 13, 91327 Gößweinstein (DE) WHEREAS, I, Florian KOLB, whose post office address is hereinafter referred to as Assignor, am the owner of useful improvements in DOG CLUTCH COMPRISING A SENSOR FOR RECOGNIZING AN ENGAGED STATE (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 05-APR-2017 Serial No.: 15516978 ; or established by PCT International Patent Application No.: filed: designating the United States of America; WHEREAS, AUDI AG, whose post office address is \$5045 Ingolstadt, Germany, hereinafter referred to as Assigner, 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 Assigner, 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. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at A 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. ASSICINOR'S obligations under this instrument shall extend to Assiction'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 Maler & Maler, 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: Floriag KOLB

PATENT REEL: 042254 FRAME: 0731

Title of Invention: DOG CLUTCH COMPRISING A SENSOR FOR RECOGNIZING AN ENGAGED STATE

<u>ueclaration</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 15516978 , filed on 05-APR-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, 1, <u>Dieter WEIDEMANN</u> , whose post office address is <u>StWendelin-Str. 4</u> , <u>85134 Stammham (DE)</u> , hereinafter referred to as ASSIGNOR, and the owner of useful improvements in <u>DOG CLUTCH COMPRISING A SENSOR FOR RECOGNIZING AN ENGAGED STATE</u> (Precinafter referred to as the INVENTION) for which the above application for United States Letters Patent was
filed on: 05-APR-2017 Serial No.: 15516978 ; 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 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. ASSICNON, 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, 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. 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 hehalf 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: Dieter WEIDEMANN
//.x //.
x/12/1/legace x/18.7.7+
Inventor's Signature Date

PATENT REEL: 042254 FRAME: 0732

RECORDED: 05/05/2017