506516906 02/22/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6563681

NATURE OF CONVEYANCE: Corrective Assignment to correct the FAMILY NAME OF THE FIRST LISTED INVENTOR previously recorded on Reel 054390 Frame 0944. Assignor(s) hereby confirms the THE ASSIGNMENT OF THE	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
ASSIGNORS' INTEREST.		LISTED INVENTOR previously recorded on Reel 054390 Frame 0944. Assignor(s) hereby confirms the THE ASSIGNMENT OF THE

CONVEYING PARTY DATA

Name	Execution Date
THOMAS EBERL	07/30/2020
DIRK ODENTHAL	07/29/2020
ELIAS REICHENSDOERFER	09/14/2020
ALEXANDER ZECH	08/04/2020

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:	17052029

CORRESPONDENCE DATA

Fax Number: (202)624-8844

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: 2026242800

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

CROWELL & MORING LLP Correspondent Name:

P.O. BOX 14300 Address Line 1:

Address Line 4: WASHINGTON, D.C. 20011-4300

ATTORNEY DOCKET NUMBER: 080437.PD867US		
NAME OF SUBMITTER:	JEFFREY D. SANOK	
SIGNATURE:	: /Jeffrey D. Sanok/	
DATE SIGNED: 02/22/2021		

Total Attachments: 7

PATENT REEL: 055360 FRAME: 0939

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source=PD867US_CombinedAssignmentandDec#page3.tif
source=PD867US_CombinedAssignmentandDec#page4.tif

PATENT REEL: 055360 FRAME: 0940



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOVEMBER 18, 2020

PTAS

CROWELL & MORING LLP P.O. BOX 14300 WASHINGTON, DC 20044

506358562

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 11/17/2020 REEL/FRAME: 054390/0944

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 080437.PD867US

ASSIGNOR:

"EDREL" THOMAS DOC DATE: 07/30/2020

EBERL

ASSIGNOR:

ODENTHAL, DIRK DOC DATE: 07/29/2020

ASSIGNOR:

REICHENSDOERFER, ELIAS DOC DATE: 09/14/2020

ASSIGNOR:

ZECH, ALEXANDER DOC DATE: 08/04/2020

ASSIGNEE:

BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT PETUELRING 130 MUENCHEN, GERMANY 80809

APPLICATION NUMBER: 17052029 FILING DATE: PATENT NUMBER: ISSUE DATE:

TITLE: TRACTION CONTROL SYSTEM

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.USPTO.GOV PATENT REEL: 055360 FRAME: 0941

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

PATENT REEL: 055360 FRAME: 0942

506358562 11/17/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6405316

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS EBREL	07/30/2020
DIRK ODENTHAL	07/29/2020
ELIAS REICHENSDOERFER	09/14/2020
ALEXANDER ZECH	08/04/2020

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:	17052029

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2026242500

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

CROWELL & MORING LLP Correspondent Name:

Address Line 1: P.O. BOX 14300

Address Line 4: WASHINGTON, D.C. 20044

ATTORNEY DOCKET NUMBER:	080437.PD867US	
NAME OF SUBMITTER:	JEFFREY D. SANOK	
SIGNATURE:	/Jeffrey D. Sanok/	
DATE SIGNED:	11/17/2020	

Total Attachments: 4

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> **PATENT REEL: 055360 FRAME: 0943**

(For Use with Signed Application Data Sheet)

Title of Invention: Traction Control System
This assignment and declaration are directed to (check one): PCT International Application Number PCT/EP2019/062367, filed 2019-05-14 the application identified above by the attorney docket no. and title of invention 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 assigned, and by these presents hereby assign, unto:
Name of Assignce: Bayerische Motoren Werke Aktiengesellschaft
Address of Assignee: Petuelring 130, Munich 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 assign the interests herein assigned and that I have not executed and will not execute any document or instrument in conflict herewith.
I agree to communicate to said ASSIGNEE all information known to me relating to said invention or United States patent application, and to perform all affirmative acts which may be necessary to obtain or maintain a grant of a valid Letters Patent of the United States, or to enforce same, including for all divisions, continuations, reissues or extensions thereof.
<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: 30.07.2020 Inventor: Thomas EBERL DATE

AJ-54 / PA 18173045 PFF **PATENT**

REEL: 055360 FRAME: 0944

(For Use with Signed Application Data Sheet)

Title of Invention: Title : Traction Control System	
This assignment and declaration are directed to (check of PCT International Application Number PCT/EP) the application identified above by the attorney of United States Application No.	2019/062367, filed 2019-05-14 docket no. and title of invention
ASSIGN	<u>IMENT</u>
For good and valuable consideration, the receipt and su	fficiency of which are hereby acknowledged, as a

Name of Assignee: Bayerische Motoren Werke Aktiengesellschaft

below named inventor I have assigned, and by these presents hereby assign, unto:

Address of Assignce: Petuelring 130, Munich 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 assign the interests herein assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

I agree to communicate to said ASSIGNEE all information known to me relating to said invention or United States patent application, and to perform all affirmative acts which may be necessary to obtain or maintain a grant of a valid Letters Patent of the United States, or to enforce same, including for all divisions, continuations, reissues or extensions thereof.

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:

rk ODENTHAL

29.07.2020

DATE

REEL: 055360 FRAME: 0945

(For Use with Signed Application Data Sheet)

Title of Invention: Traction Control System
This assignment and declaration are directed to (check one): PCT International Application Number PCT/EP2019/062367, filed 2019-05-14 the application identified above by the attorney docket no. and title of invention 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 assigned, and by these presents hereby assign, unto:
Name of Assignee: Bayerische Motoren Werke Aktiengesellschaft
Address of Assignee: Petuelring 130, Munich 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 assign the interests herein assigned and that I have not executed and will not execute any document or instrument in conflict herewith.
I agree to communicate to said ASSIGNEE all information known to me relating to said invention or United States patent application, and to perform all affirmative acts which may be necessary to obtain or maintain a grant of a valid Letters Patent of the United States, or to enforce same, including for all divisions, continuations, reissues or extensions thereof.
<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: 10.09.7070 Inventor: Elias REICHENSDOERFER DATE

AJ-54 / PA 18173045 PFF

REEL: 055360 FRAME: 0946

(For Use with Signed Application Data Sheet)

Title of Invention: Traction Control System

This a	ssignment and declaration are directed to (check one):
\boxtimes	PCT International Application Number PCT/EP2019/062367, filed 2019-05-14
	the application identified above by the attorney docket no. and title of invention
	United States Application No, filed

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below named inventor I have assigned, and by these presents hereby assign, unto:

Name of Assignee:

Bayerische Motoren Werke Aktiengesellschaft

Address of Assignee: Petuelring 130, Munich 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 assign the interests herein assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

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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:

Alexander ZECH

()§/ 04 /220 DATE

REEL: 055360 FRAME: 0947

RECORDED: 02/22/2021