PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4464709

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| ALEXANDER AIGNER | 05/29/2017 |
| MANUEL ANASENZL | 06/03/2017 |
| FRANZ-JOSEF KLINKENBERG | 06/03/2017 |

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: | 15625370 |

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

Email: lbuckler@crowell.com

Correspondent Name: CROWELL & MORING LLP

Address Line 1: 1001 PENNSYLVANIA AVENUE, NW

Address Line 4: WASHINGTON, D.C. 20004

| ATTORNEY DOCKET NUMBER: 080437.69891US | |
|--|------------|
| NAME OF SUBMITTER: MARK H. NEBLETT, REG. NO. 42,028 | |
| SIGNATURE: /Mark H. Neblett/ | |
| DATE SIGNED: | 06/16/2017 |
| This document serves as an Oath/Declaration (37 CFR 1.63). | |

Total Attachments: 3

504418009

source=69891US-Assignment_Declaration#page1.tif source=69891US-Assignment_Declaration#page2.tif source=69891US-Assignment_Declaration#page3.tif

> PATENT REEL: 042736 FRAME: 0430

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

| Title of Invention: | Method for Non-Destra | uctively Determining Materi | al Properties |
|--|--|---|--|
| | | | |
| the application in PCT Internation | al Application Number_ | (check one); ttorney docket no. and title o , filed, | |
| | A. | SSIGNMENT | |
| | consideration, the receip | | re hereby acknowledged, as a by sell and assign, unto: |
| Name of Assignee: | Bayerische Motoren V | Werke Aktiengesellschaft | • |
| Address of Assignee: | Petuelring 130, 80809 | Muenchen, GERMANY | |
| and to the above-identif continuations thereof, a such application or for a enjoyed by said ASSIG | Tied invention and United in and to any and all said invention, including NEE, its successors or a be granted as fully and | d States patent application, in Letters Patent of the United g any and all reissues or extensions to the full end of the t | s, its territories and possessions in neluding any and all divisions or States which may issue on any nsions thereof, to be held and erm or terms for which any and all held and enjoyed by me had this |
| | | ne Û.S. Patent and Trademarks or assigns in accordance he | k Office to issue any and all such erewith. |
| | | mencumbered right to sell ar will not execute any documen | nd assign the interests herein sold at or instrument in conflict |
| or assigns all information and deliver any papers, acts deemed necessary operfect title to said inversall Letters Patent which ASSIGNEE, its success | on known to me relating make all rightful oaths, or desirable by said ASS ntion, to said application may be granted thereforers or assigns, or to assi | to said invention or patent a testify in any legal proceedir SIGNEE, its successors, legal n including divisions and cor r or thereon, including reissu | essors, legal representatives or |
| | <u>DE</u> | CLARATION | |
| As a below named inve | ntor, I hereby declare the | ät: | |
| The above-identified ap | plication was made or a | uthorized to be made by me. | |
| I believe that I am the o | riginal inventor or an or | iginal joint inventor of a clai | med invention in the application. |
| I hereby acknowledge th | | ement made in this declaration | on is punishable under 18 U.S.C. |
| Signature: Alexan | ander AIGNER | -trif | 7 <u>7 次 エータ</u> DATE |

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

| Title of Invention: | Method for Non-Destruct | tively Determining Materia | l Properties |
|--|--|--|---|
| the application i PCT Internation | cclaration are directed to (cl dentified above by the attoral al Application Number pplication No | rney docket no. and title of | |
| | ASS | GNMENT | |
| | consideration, the receipt a I have sold and assigned, a | | e hereby acknowledged, as a y sell and assign, unto: |
| Name of Assignee: | Bayerische Motoren We | rke Aktiengesellschaft | |
| Address of Assignec: | Petuelring 130, 80809 M | Iuenchen, GERMANY | |
| and to the above-identi continuations thereof, a such application or for enjoyed by said ASSIG | fied invention and United S und in and to any and all Le said invention, including at NEE, its successors or assi y be granted as fully and en | States patent application, in otters Patent of the United S ny and all reissues or exten igns to the full end of the to | its territories and possessions in scluding any and all divisions or States which may issue on any issions thereof, to be held and erm or terms for which any and al held and enjoyed by me had this |
| | request the Director of the SSIGNEE, its successors o | | Office to issue any and all such rewith. |
| | that I have the full and une have not executed and will | | d assign the interests herein sold t or instrument in conflict |
| or assigns all informati and deliver any papers, acts deemed necessary perfect title to said invo all Letters Patent which ASSIGNEE, its succes | on known to me relating to make all rightful oaths, tes or desirable by said ASSIC ention, to said application in may be granted therefor o | e said invention or patent ag stify in any legal proceeding INEE, its successors, legal including divisions and con or thereon, including reissur- said ASSIGNEE, its succe | ssors, legal representatives or |
| | DEC | LARATION | |
| As a below named inve | entor, I hereby declare that: | | |
| The above-identified ap | pplication 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 clai | med invention in the application. |
| 1001 by fine or impriso | that any willful false statem onment of not more than fix | | on is punishable under 18 U.S.C. |
| Signature: | el anasenzi. | | DATE |

PATENT REEL: 042736 FRAME: 0432

RECORDED: 06/16/2017

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

| Title of Invention: | Method for Non-Destruc | ctively Determining Material | Properties |
|---|---|--|---|
| the application i | | omey docket no, and title of i | |
| ☐ PCT Internation | al Application Number | , filed | |
| U Cintes States A | poncanon ivo | , filed | |
| | <u>as</u> | <u>SIGNMENT</u> | |
| | | and sufficiency of which are and by these presents hereby | |
| Name of Assignee: | Bayerische Motoren W | erke Aktiengesellschaft | |
| Address of Assignee: | : Petuelring 130, 80809 Muenchen, GERMANY | | |
| and to the above-identi commutations thereof, a such application or for enjoyed by said ASSIG | fied invention and United and in and to any and all L said invention, including a NEE, its successors or ass y be granted as fully and e | States patent application, inc etters Patent of the United St my and all reissues or extens, signs to the full end of the ter | ts territories and possessions in luding any and all divisions or ates which may issue on any ions thereof, to be held and m or terms for which any and all eld and enjoyed by me had this |
| | | U.S. Patent and Trademark or assigns in accordance here | Office to issue any and all such with. |
| | | encumbered right to sell and Il not execute any document : | assign the interests herein sold or instrument in conflict |
| or assigns all informati and deliver any papers, acts deemed necessary perfect title to said inve all Letters Patent which ASSIGNEE, its success | on known to me relating to make all rightful oaths, to or desirable by said ASSI ention, to said application t may be granted therefor sors or assigns, or to assist | o said invention or patent app stify in any legal proceeding GNEE, its successors, legal r | nuations thereof and to any and s or extensions, in said sors, legal representatives or |
| | DEC | LARATION | |
| As a below named inve | entor, I hereby declare that | : | |
| The above-identified a | oplication was made or au | borized to be made by me. | |
| I believe that I am the c | original inventor or an orig | inal joint inventor of a claim | ed invention in the application. |
| | that any willful false stater nument of not more than fi | | is punishable under 18 U.S.C. |
| Signature: Inventor: Franz | On alis | | 6/3/17 |

PATENT REEL: 042736 FRAME: 0433