504465442 07/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4512144

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| ALEXANDER BERNHARD | 07/10/2017 |
| WOLFGANG FIMML | 07/07/2017 |

RECEIVING PARTY DATA

| Name: | MTU FRIEDRICHSHAFEN GMBH |
|-----------------|--------------------------|
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| City: | 88045 FRIEDRICHSHAFEN |
| State/Country: | GERMANY |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15544953 |

CORRESPONDENCE DATA

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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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Correspondent Name: LUCAS & MERCANTI, LLP

Address Line 1: 30 BROAD STREET, 21ST FLOOR Address Line 4: NEW YORK, NEW YORK 10004

| ATTORNEY DOCKET NUMBER: | 11610-127 |
|-------------------------|--|
| NAME OF SUBMITTER: | KLAUS P. STOFFEL |
| SIGNATURE: | /Klaus P. Stoffel/ |
| DATE SIGNED: | 07/20/2017 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 2

source=127-EXECUTED-Decl-Asgmt#page1.tif source=127-EXECUTED-Decl-Asgmt#page2.tif

PATENT 504465442 REEL: 043267 FRAME: 0933

Docket No. 11610-127

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| TITLE OF INVENTION | METHOD FOR OPERATING AN INTERNAL COMBUST HAVING AT LEAST ONE TURBOCHARGER, CONTROL EQUIPPED FOR IMPLEMENTING A METHOD OF THE COMBUSTION ENGINE HAVING A CONTROL DEVICT MOTOR VEHICLE HAVING AN INTERNAL COMBUST THIS TYPE | IL DEVICE, S TYPE, INTERNAL E OF THIS TYPE AND |
|--|--|--|
| As the below named in | ventor, I hereby declare that: | |
| This declaration is dire | cied to: | |
| The attached applic | ation, or | |
| United States appli | cation or PCT international application number PCT/EP2016/000071 filed on | January 15, 2016. |
| The above-identified a | pplication was made or authorized to be made by mg. | |
| | original inventor or an original joint inventor of a claimed invention in the app | ofication. |
| I hereby acknowledge | that any willful false statement made in this declaration is punishable under 1 ore than five (5) years, or both. | |
| WHEREAS, I, the above and described in | below-identified Inventor, have invented certain new and useful improvement the above-identified patent application(s) and/or patent(s) (hereinafter "Inventional and application application). | nts in the Invention identified |
| 88045 Friedrichshafen | FRIEDRICHSHAFEN GMBH (hereinafter "Assignee") having place of busi Germany, is desirous of acquiring the entire right, title and interest in and to may be granted therefore in the United States or its territorial possessions and | said invention and in and to |
| NOW, THEREFO sufficiency of which ar | RE, good and valuable consideration having been paid to each of the undersige hereby acknowledged; | ned, the receipt and |
| above, including any d United States, and com- reexaminations thereof Convention rights, and | I and transfer my above-identified rights, title and interest in said Invention, s ivisions, continuations, and continuations-in-part thereof, and in and to any an uries foreign thereto, which may be granted for said Invention, and in and to a which may be granted or have granted for said Invention, and in and to any a other benefits accruing or to accrue to us with respect to the filing of applicat lates and countries foreign thereto, unto said Assignee; | d all Letters Patent of the my and all reissues and and all priority rights. |
| And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto: | | |
| And I further agree for filing divisions, con reissues of any Letters | to sign and execute all necessary and lawful future documents, including app tinuations and continuations-in-part of said application for patent and/or for o Patent which may be granted for my aforesaid Invention, as the Assignee or it require and prepare at its own expense. | lications for foreign patents, btsining any reissue or |
| 10004, the power to ins | breby grants the firm of LUCAS & MERCANTI, LLP, located at 30 Broad States on this assignment any further identification which may be necessary or deleted States Patent Office for recordation of this document. | reet, New York, New York, exirable in order to comply |
| | Inventor: Alexander BERNHARD | |
| LEGAL NAME OF INVENTOR | Signature: <u>Randy Div</u> | Date: |

LUCAS & MERCANTI, LLP 30 BROAD STREET, 2157 FLOOR NEW YORK, NY 10004

> **PATENT** REEL: 043267 FRAME: 0934

70,07 2017

Docket No. 11619-127

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| TITLE OF INVENTION | METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE HAVING AT LEAST ONE TURBOCHARGER, CONTROL DEVICE, EQUIPPED FOR IMPLEMENTING A METHOD OF THIS TYPE, INTERNAL COMBUSTION ENGINE HAVING A CONTROL DEVICE OF THIS TYPE AND MOTOR VEHICLE HAVING AN INTERNAL COMBUSTION ENGINE OF THIS TYPE |
|-------------------------|---|
| As the below named | nventor, I hereby declare that: |
| This declaration is di- | reeted to: |
| The attached appli | cation, or |
| ☑ United States app | lication or PCT international application number PCT/EP2016/000071 filed on January 15, 2016. |
| The above-identified | application was made or authorized to be made by me. |
| I believe that I am the | conginal inventor or an original joint inventor of a claimed invention in the application. |
| | that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or more than five (5) years, or both. |
| (0.07798F.1.0 F.2. | 2.6. 28. 30. 50. |

WHEREAS, I, the below-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter "invention");

WHEREAS, MTU FRIEDRICHSHAFEN GMBH (hereinafter "Assignee") having place of business at: Maybachplatz I \$8945 Etiedrichshafen, Germany, is desirous of acquiring the entire right, title and interest in and to said invention and is and to any Letters Patent that may be granted therefore in the United States or its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, good and valuable consideration having been paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged;

I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights.

Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.

The undersigned hereby grants the firm of LUCAS & MERCANTI, LLP, located at 30 Broad Street, New York, New York, 10004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

| | inventor: Wolfgang FIMML | |
|---------------------------|--------------------------|-------------|
| LEGAL NAME OF INVENTOR | Signature | Date: |
| OF INVENTOR | Signature. | 07.07.001,2 |

LUCAS & MERCANTI, LLP 36 BROAD STREET, 21ST FLOOR NEW YORK, NY 18004

> PATENT REEL: 043267 FRAME: 0935

RECORDED: 07/20/2017