505876399 01/22/2020

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| ANDRE MAREAU | 10/22/2019 |
| STEFAN KELLERMANN | 10/16/2019 |
| ANTONIUS WOLKING | 10/21/2019 |
| OLIVER SCHULZE | 11/12/2019 |
| ANDREAS HEINEK | 10/16/2019 |
| GUIDO BAYARD | 10/16/2019 |
| DANIEL EISENRING | 01/17/2020 |
| OLAF JOSEF | 10/16/2019 |
| CARSTEN STRUEBBE | 10/18/2019 |
| WOLF-DIETER STREICH | 10/17/2019 |

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| Postal Code: | 30890 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16608294 |

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ATTORNEY DOCKET NUMBER: 710280-1023

REEL: 051585 FRAME: 0443 505876399

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| NAME OF SUBMITTER: | ROBERT L. STEARNS |
|------------------------------------|---------------------|
| SIGNATURE: | /ROBERT L. STEARNS/ |
| DATE SIGNED: | 01/22/2020 |
| Total Attachments: 9 | |
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| source=Assign710280_1023#page8.tif | |
| source=Assign710280_1023#page9.tif | |

PATENT REEL: 051585 FRAME: 0444

ASSIGNMENT

WHEREAS, I (WE), Andre Mareau, Stefan Kellermann, Antonius Wolking, Oliver Schulze, Andreas Heinek, Guido Bayard, Daniel Eisenring, Olaf Josef, Carsten Struebbe, and Wolf-Dieter Streich (hereinafter referred to as Assignors), residing respectively at 13 Rue Virgile, 67200 Strasbourg, France; Wilhelm-Windhorn-Str. 1, 30890 Barsinghausen, Germany; Klusbrink 52, 30890 Barsinghausen, Germany; Humboldtstr. 22A, 78166 Donaueschingen, Germany; Zum Heideberg 7, 01728 Bannewitz, Germany; Am Sattel 38, 44369 Dortmund, Germany; Alemannenstrasse 8, 78176 Blumberg, Germany; Schaumburger Str. 14, 30989 Gehrden, Germany; Vehrenbergstr. 127, 45968 Gladbeck, Germany; Steigacker 35, 78176 Blumberg, Germany, have invented new and useful improvements in:

POPPET VALVE AND METHOD OF ITS MANUFACTURE

which is set forth in an application in the United States having the attorney docket number (710280-1023) and executed on even date herewith:

AND WHEREAS, Federal-Mogul Valvetrain GmbH, having an address at Hannoversche Str. 73, 30890 Barsinghausen, Germany, is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions or substitutions or renewals of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

I (WE) hereby authorize and request the Patent Office Officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and right of the Assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Agreement and sale not been made.

Further, I (WE) agree that I (WE) will communicate to the Assignee or its

PATENT

REEL: 051585 FRAME: 0445

AND, the undersigned hereby grant(s) the firm of Dickinson Wright PLLC and its attorneys the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

| 22 10 2019 | Jane Carl |
|------------|-------------------------|
| Date | Name: Andre Mareau |
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| Date | Name: Stefan Kellermann |
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| Date | Name: Antonius Wolking |
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| Date | Name: Oliver Schulze |
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| Date | Name: Andreas Heinek |
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| Date | Name: Guido Bayard |
| | |
| Date | Name: Daniel Eisenring |

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| Date | Name: Andre Mareau |
|--------------------|-------------------------|
| 16/10/2019 Date | Name: Stefan Kellermann |
| Datc | Name: Antonius Wolking |
| Date | Name: Oliver Schulze |
| Date | Name: Andreas Heinek |
| Date | Name: Guido Bayard |
| Date | Name: Daniel Eisenring |

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| Date | Name: Andre Marcau |
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| Date | Name: Stefan Kellermann |
| Date | Name: Antonius Wolking |
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| Date | Name: Oliver Schulze |
| Date | Name: Andreas Heinek |
| Date | Name: Guido Bayard |
| Date | Name: Daniel Eisenring |

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| Date | Name: Andre Mareau |
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| Date | Name: Stefan Kellermann |
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| 21/10/18 | Protonic Welking |
| Date | Name: Antonius Wolking |
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| Date | N. OP. O. L. L. |
| Date | Name: Oliver Schulze |
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| 16.10.19 | /./ <i>/</i> > |
| Date | Name: Andreas Heinek |
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| Date | Name: Guido Bayard |
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| Data | No. 10 Part of Fills |
| Date | Name: Daniel Eisenring |

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| Date | Name: Guido Bayard |
| 17.01, 2020 | Oul (5 |
| Date | Name: Daniel Eisenring |

| 16. Oct. 19 | C. Jary |
|-------------|---------------------------|
| Date | Name: Olaf Josef |
| Date | Name: Carsten Struebbe |
| Date | Name: Wolf-Dieter Streich |

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

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| Date | Name: Olaf Josef | |
|------------------|---------------------------|---------------------------|
| 78 10.19 Date | Name: Carsten Struebbe | the angelog of the second |
| Date | Name: Wolf-Dieter Streich | |

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| Date | Name: Olaf Josef |
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| 10/17/2019 | an third |
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