

| |
|--------------------------------------|
| PATENT ASSIGNMENT COVER SHEET |
|--------------------------------------|

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5915367

| | |
|---|--------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ADALTO BORGHI DA SILVA | 04/18/2019 |
| MATHEUS DOS SANTOS FERREIRA | 04/18/2019 |
| MAROS MANOEL VALVERDE PEREIRA | 04/18/2019 |
| RECEIVING PARTY DATA | |
| Name: | MAHLE METAL LEVE S/A |
| Street Address: | RODOVIA ANHANGUERA, SENTIDO INTERIOR |
| Internal Address: | CAPITAL, KM 49,7 |
| City: | JUNDIAI-SP |
| State/Country: | BRAZIL |
| Postal Code: | 13210-877 |
| Name: | MAHLE INTERNATIONAL GMBH |
| Street Address: | PRAGSTRASSE 26-46 |
| City: | STUTTGART |
| State/Country: | GERMANY |
| Postal Code: | 70376 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16329209 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <i>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.</i> | |
| Phone: | 248-594-0600 |
| Email: | docketing@fishstewip.com |
| Correspondent Name: | FISHMAN STEWART PLLC |
| Address Line 1: | 800 TOWER DRIVE |
| Address Line 2: | SUITE 610 |
| Address Line 4: | TROY, MICHIGAN 48098 |
| ATTORNEY DOCKET NUMBER: | 66814-0874 |

| | |
|---|--|
| NAME OF SUBMITTER: | MICHAEL B. STEWART |
| SIGNATURE: | /MICHAEL B. STEWART/ |
| DATE SIGNED: | 01/16/2020 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |
| Total Attachments: 6 source=Executed assignment (R1728155x7A4C4)#page1.tif source=Executed assignment (R1728155x7A4C4)#page2.tif source=Executed assignment (R1728155x7A4C4)#page3.tif source=Executed assignment (R1728155x7A4C4)#page4.tif source=Executed assignment (R1728155x7A4C4)#page5.tif source=Executed assignment (R1728155x7A4C4)#page6.tif | |

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made on the dates indicated below, by Adalto Borghi Da Silva; Walter Junior Dias Carlos; Matheus Dos Santos Ferreira; and Marcos Manoel Valverde Pereira (hereinafter referred to as Assignors), residing at Alameda Provence 90, Jardim Nossa Senhora da Gracas, 13257-400 Itatiba, BRAZIL; Avenida Antonio Frederico Ozanan 5543, Bloco D3, Apto. 34, Rio Branco, 13215-275 Jundiai, BRAZIL; Rodovia Anhanguera, Sentido interior-capital, Km 49,7, 13210-877 Jundiai, BRAZIL; and Rua Joaquin Ferreira, 55, apartamento 113A, 55 Agua Branca, 05033-080 Sao Paulo, BRAZIL, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in THRUST WASHER, set forth in a Patent application for which an International Application was filed on August 29, 2017, PCT/EP2017/001021, designating the United States; and

WHEREAS, Mahle Metal Leve S/A and Mahle International GmbH, having their principal places of business at Rodovia Anhanguera, Sentido Interior, Capital, Km 49,7, 13210-877 Jundiai - Sp, BRAZIL; and Pragstrasse 26-46, 70376 Stuttgart, GERMANY, respectively (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignees, their successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals 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 and Trademark Office for recordation of this document:

FISHMAN STEWART PLLC

All practitioners at Customer Number 10291

AND Assignors acknowledge an obligation of assignment of this invention to Assignees at the time the invention was made.

18/09/2019
Date


Adalto Borghi Da Silva

Witness:

Date

Date:

Matheus S. Ferreira

Matheus Dos Santos Ferreira

Witness:

Date

Date


Marcos Manoel Valverde Pereira

Witness:

Date