| FORM PTO-1595 06/07/2  To the Honorable Commiss  |              | HEET  U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office  rd the attached original documents or copy thereof. |
|--|--------------|--|
| 1. Name of Conveying party(ies): 1036456  Rodrigo FAVARON Robert Richard BANFIELD  |              | adress of receiving party(ies):  |
| Additional name(s) of conveying party(ies) attached? Yes _X_ No  | Address:     | Pragstrasse 26-46 20376 Stuttgart, Germany   |
| 3. Nature of conveyance:   | and          | 5th Floor St.  |
| X Assignment Merger  | Name:        | MAHLE Metal Leve S/A   |
| Security Agreement Change of Name  Other  Execution Date:April 23, 2012 and May 10, 2012,  | 13           | Rodovia Anhanguera, sentido interior - capital km 49,7<br>3210-877 Jundiaí<br>Sao Paulo, Brazil                    |
| respectively   | Additional r | name(s) & address(es) attached? Yes _X No  |
| If this document is being filed together with a new applicat  A. Patent Application No.(s)  PCT No.: PCT/BR2010/000312  PCT Filed: September 24, 2010  U.S. Patent Application Serial No. 13/497,8  Additional no. |              | B. Patent No.(s)   |
| 5. Name and address of party to whom correspondence<br>should be mailed:   | 6. Total nui | umber of applications and patents involved: _1_  |
| Name: Collard & Roe, P.C. Internal Address:  Street Address: 1077 Northern Boulevard   | En           | e (37 CFR 3.41):   |
| City: Roslyn State: NY ZIP: 11576  | 8. Deposit a | of FC:8921 49.50 0F account number: ~03-2468 plicate copy of this page if paying by deposit account)               |
| 9. Statement and Signature  To the best of my knowledge and belief, the foregoing information copy of the original document.  Elizabeth C. Richter  Name of Person Signing   | Signature    |  |

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignce

Mahle International GmbH

Pragstrasse 26-46 70376 Stuttgart, Germany MAHLE Metal Leve S/A

Rodovia Anhanguera, sentido interior - capital km 49,7 13210-877 Jundiaí Sao Paulo, Brazil

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

| title | of    |
|-------|-------|
| inve  | ntior |

## PISTON RING AND PROCESS FOR MANUFACTURING A PISTON RING

| nivention |           |  |
|-----------|-----------|--|
|           | as set fo | orth in his United States Patent Application       |
| check one | [ ]       | executed concurrently herewith                     |
|           | [ ]       | executed on  |
|           | [X]       | PCT No. PCT/BR2010/000312 filed September 24, 2010 |

in and to said 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, legal representatives and 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 the unsigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions or continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, resissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of COLLARD & ROE, P.C., 1077 Northern Boulevard, Roslyn, New York 11576, U.S.A., the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

names and signatures of inventors

Name: Rodrigo FAVARON

of inventors Date: 23, April, 2012

Name: Robert Richard BANFIELD

Date: 10. May, 2012

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PATENT REEL: 028397 FRAME: 0483

RECORDED: 06/07/2012