

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Christoph Bermann</td> <td>11/30/2012</td> </tr> <tr> <td>Berthold Repgen</td> <td>12/03/2012</td> </tr> <tr> <td>Markus Walch</td> <td>12/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christoph Bermann	11/30/2012	Berthold Repgen	12/03/2012	Markus Walch	12/12/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Mahle International GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Pragstrasse 26-46</td> </tr> <tr> <td>City:</td> <td>Stuttgart</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>70376</td> </tr> </table>		Name:	Mahle International GmbH	Street Address:	Pragstrasse 26-46	City:	Stuttgart	State/Country:	GERMANY	Postal Code:	70376
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CORRESPONDENCE DATA											
<p>Fax Number: 2485940610 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 248-594-0600 Email: patentmail@raderfishman.com Correspondent Name: RADER, FISHMAN & GRAUER PLLC Address Line 1: 39533 WOODWARD AVENUE Address Line 2: SUITE 140 Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48304-0610</p>											
ATTORNEY DOCKET NUMBER:	66814-0217										
NAME OF SUBMITTER:	Michael B. Stewart										
<p>Total Attachments: 12 source=R1103163#page1.tif</p>											

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made on the dates indicated below, by Christoph Bergmann; Berthold Repgen; and Markus Walch (hereinafter referred to as Assignors), residing at Heinrich-Heine-Strasse 20, 04416 Markkleeberg, GERMANY; Baddinghagener Weg 10, 58840 Plettenberg, GERMANY; and Breitenweg 20, 75015 Bretten, GERMANY, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in BALANCING SHAFT, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, Mahle International GmbH, having its principal place of business at Pragstrasse 26-46, 70376 Stuttgart, GERMANY (hereinafter referred to as Assignee), is 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 Assignee, its 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 Assignee, for its own use and benefit and the use and benefit of its 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 Assignee, its 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 Assignee under law or that have already been transferred to Assignee, 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 Assignee, its 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 Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its 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 Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its 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:

RADER, FISHMAN & GRAUER PLLC

All practitioners at Customer Number 10291

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

3 12. 12
Date

Christoph Bergmann
Christoph Bergmann

Witness:

Date

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THIS ASSIGNMENT, made on the dates indicated below, by Christoph Bergmann; Berthold Repgen; and Markus Walch (hereinafter referred to as Assignors), residing at Heinrich-Heine-Strasse 20, 04416 Markkleeberg, GERMANY; Baddinghagener Weg 10, 58840 Plettenberg, GERMANY; and Breitenweg 20, 75015 Bretten, GERMANY, respectively;

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RADER, FISHMAN & GRAUER PLLC

All practitioners at Customer Number 10291

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30.11.2012
Date

Berthold Repgen
Berthold Repgen

Witness:

Date

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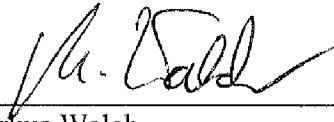
RADER, FISHMAN & GRAUER PLLC

All practitioners at Customer Number 10291

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12.12.2012

Date



Markus Walch

Witness:

Date