

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>Sven A. Kaiser</td> <td>05/21/2012</td> </tr> <tr> <td>Gerald Combe</td> <td>05/14/2012</td> </tr> <tr> <td>Konrad Kohler</td> <td>05/16/2012</td> </tr> <tr> <td>Adolf Kremer</td> <td>05/22/2012</td> </tr> <tr> <td>Matt Martin</td> <td>06/12/2012</td> </tr> <tr> <td>Hans-Werner Schneider</td> <td>05/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sven A. Kaiser	05/21/2012	Gerald Combe	05/14/2012	Konrad Kohler	05/16/2012	Adolf Kremer	05/22/2012	Matt Martin	06/12/2012	Hans-Werner Schneider	05/16/2012
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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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PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13510238</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13510238										
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Application Number:	13510238														
CORRESPONDENCE DATA															
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ATTORNEY DOCKET NUMBER:	66814-0184														

CH \$40.00 13510238

NAME OF SUBMITTER:

Michael B. Stewart

Total Attachments: 10

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made on the dates indicated below, by Sven A. Kaiser; Gerald Combe; Konrad Kohler; Adolf Kremer; Matt Martin; and Hans-Werner Schneider (hereinafter referred to as Assignors), residing at Jakob-Fischer-Weg 11, 71336 Waiblingen, GERMANY; Paulinenstr. 16, 73249 Wernau, GERMANY; Torgauerstraße 19, 72622 Nürtingen, GERMANY; August-Lämmle-Straße 30, 71686 Remseck, GERMANY; Im Zillhardt 14, 76646 Bruchsal, GERMANY; and Tapachstraße 57/C, 70437 Stuttgart, GERMANY, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in INTAKE MANIFOLD SECTION AND INTAKE SYSTEM, set forth in a Patent application for which an International Application was filed on November 15, 2010, PCT/EP2010/067484, designating the United States; 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 therefor 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 of Patent 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

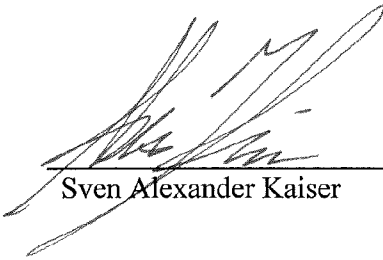
with the rules of the United States Patent and Trademark Office for recordation of this document:

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.

21.05.12
Date


Sven Alexander Kaiser

Witness:

Date

Date

Sven Alexander Kaiser

Witness:

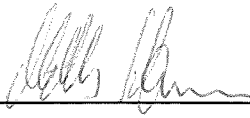
Date

14.05.2012
Date

Gérald Combe
Gerald Combe

Witness:

14.5.2012
Date



16.5.2012
Date

Konrad Kohler
Konrad Kohler

Witness:

16.5.2012
Date

[Signature]

22. 05. 12
Date

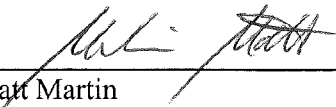
A. Kremer
Adolf Kremer

Witness:

22. 05. 12
Date

[Signature]

12.06.2012
Date

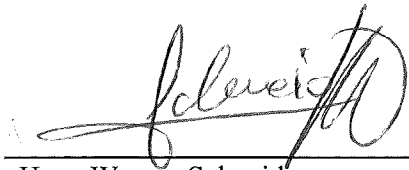

Matt Martin

Witness:

12.06.2012
Date



16.05.2012
Date


Hans-Werner Schneider

Witness:

16.05.2012
Date


Gerald Combe