

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Carl Perrin		08/14/2008
Ian M Laing		08/07/2008
RECEIVING PARTY DATA		
Name:	Mahle Engine Systems Ltd.	
Street Address:	Riccarton	
Internal Address:	KA1 3NA Kilmarnock	
City:	Ayrshire	
State/Country:	UNITED KINGDOM	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11662790	
CORRESPONDENCE DATA		
Fax Number:	(248)594-0610	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	248-594-0600	
Email:	lmt@raderfishman.com	
Correspondent Name:	Rader Fishman & Grauer PLLC	
Address Line 1:	39533 Woodward Ave. Suite 140	
Address Line 4:	Bloomfield Hills, MICHIGAN 48304	
ATTORNEY DOCKET NUMBER:	66775-0022	
NAME OF SUBMITTER:	Michael B. Stewart	
<p>Total Attachments: 11</p> <p>source=r0544488#page1.tif</p> <p>source=r0544493#page1.tif</p> <p>source=r0544493#page2.tif</p>		

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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Carl Perrin (08/14/2008) and Ian M. Laing
(08/07/2008)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: MAHLE Engine Systems Ltd.

Internal Address: _____

Street Address: _____

Riccarton
KA1 3 NA Kilmarnock, Ayrshire
GREAT BRITAIN

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

11/662,790

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Michael B. Stewart
RADER, FISHMAN & GRAUER PLLC

Internal Address: Atty. Dkt.: 66775-0022

Street Address: 39533 Woodward Avenue
Suite 140

City: Bloomfield Hills

State: MI Zip: 48304

Phone Number: (248) 594-0633

Fax Number: (248) 594-0610

Email Address: mbs@raderfishman.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 18-0013
Authorized User Name Michael B. Stewart

9. Signature:

/Michael B. Stewart/
Signature

September 23, 2008
Date

Michael B. Stewart - 36,018
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: ☐

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 07 day of AUGUST, 2008, by Carl Perrin and Ian M. Laing (hereinafter referred to as Assignors), residing at 46 Haddon Way, Loughborough LE11 2UE Great Britain; and 29 Holbrook Avenue, Rugby CV21 2QG Great Britain, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in BEARING MATERIALS AND METHOD FOR THE PRODUCTION THEREOF, set forth in a Patent application for Letters Patent of the United States, already filed on September 28, 2005 as U.S. Application No. 11/662,790; and

WHEREAS, MAHLE Engine Systems Ltd., having its principal place of business at Riccarton KA1 3NA, Kilmarnock, Ayrshire Great Britain (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.

Date

Carl Perrin

Witness:

Date

07 AUGUST 2008
Date

I.M. Laing
Ian M. Laing

Witness:

07. August - 2008
Date

[Signature]

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 16th day of August, 2008, by Carl Perrin and Ian M. Laing (hereinafter referred to as Assignors), residing at 46 Haddon Way, Loughborough LE11 2UE Great Britain; and 29 Holbrook Avenue, Rugby CV21 2QG Great Britain, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in BEARING MATERIALS AND METHOD FOR THE PRODUCTION THEREOF, set forth in a Patent application for Letters Patent of the United States, already filed on September 28, 2005 as U.S. Application No. 11/662,790; and

WHEREAS, MAHLE Engine Systems Ltd., having its principal place of business at Riccarton KA1 3NA, Kilmarnock, Ayrshire Great Britain (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.

14th August 2008
Date


Carl Perrin

Witness:

14th August 2008
Date



Date

Ian M. Laing

Witness:

Date