PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Werner Schnabel	03/22/2009
Siegfried Deiss	03/17/2009

RECEIVING PARTY DATA

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:	12441047

CORRESPONDENCE DATA

Fax Number: (248)594-0610

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 248-594-0600

Email: Imt@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

ATTORNEY DOCKET NUMBER: 66814-0044

NAME OF SUBMITTER: Michael B. Stewart

Total Attachments: 6 source=R0715574#page1.tif source=R0715566#page1.tif

501074161

CH \$40 0

PATENT REEL: 023837 FRAME: 0841 source=R0715566#page2.tif source=R0715566#page3.tif source=R0715566#page4.tif source=R0715566#page5.tif

> PATENT REEL: 023837 FRAME: 0842

RECORDATION FOR PATENTS				
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):	2. Name and address of receiving party(ies)			
Werner Schnabel (03/22/2009) and Siegfried	Name: Mahle International GmbH			
Deiss (03/17/2009)	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:			
3. Nature of conveyance/Execution Date(s):	1			
Execution Date(s): in parentheses after inventor name	Pragstrasse 26-46			
X Assignment Merger Change of Name				
Security Agreement Joint Research Agreement	City: Stuttgart			
Government Interest Assignment	State:			
Executive Order 9424, Confirmatory License	Country: Germany Zip: 70376			
Other	Additional name(s) & address(es) Yes X No			
	attached?			
12/441,047 Additional numbers attached?	Yes X No			
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Michael B. Stewart RADER, FISHMAN & GRAUER PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Internal Address: Atty. Dkt.: 66814-0044				
Street Address: 39533 Woodward Avenue Suite 140	X Authorized to be charged to deposit account			
	Enclosed			
	None required (government interest not affecting title)			
City: Bloomfield Hills	8. Payment Information			
State: MI zip: 48304				
Phone Number: (248) 594-0633				
Fax Number: (248) 594-0610	Deposit Account Number18-0013			
Email Address:mbs@raderfishman.com	Authorized User Name Michael B. Stewart			
9. Signature:				
/Michael B. Stewart/	January 25, 2010			
Signature	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 <u>22</u> day of <u>March</u>, <u>2009</u>, by Werner Schnabel and Siegfried Deiss (hereinafter referred to as Assignors), residing at Heckgrabenweg 21, 93055 Regensburg, GERMANY; and Am Bauhof 10, 93099 Mötzing, GERMANY, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in METHOD AND INJECTION MOULD FOR THE PRODUCTION OF AN INTAKE SYSTEM COMPOSED OF PLASTIC FOR INTERNAL COMBUSTION ENGINES AND INTAKE SYSTEM PRODUCED, set forth in a Patent application for which an International Application was filed on September 10, 2007, PCT/EP2007/059454, 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

1

66814-0044

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

88814-0044

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.

69814-0044

3

REC	EIVED	04/02/	/2009	05:10	04/02/2009	05:16	248-594-0610	RADER, FISHMAN&GRAUE	₹ F	PAGE	11
	02/04/	/2009	10:10	+49-	711-16445108	3	BONGEN, RENAUD	& P.	s.	1	1/12

22.03.09	a), lind
Date	Werner Schnabel
Witness:	_
22.03.00	SA_
Date	
Witness:	
•	
Date	

REEL: 023837 FRAME: 0847

RECEIVED 04/02/2009 05:10 04/02/2009 05:16 248-594-0610 RADER, FISHMAN&GRAUER PAGE 12 02/04/2009 10:10 +49-711-16445108 BONGEN,RENAUD & P.

	17.03, 2009	Treesfried Very	
Date		Siegfried Deiss	•
Witness:			
Date			
Witness:			
Date			

PATENT

REEL: 023837 FRAME: 0848