

RECORDATION
03-21-2003

To the Honorable Commissioner of Patent



original documents or copy thereof.

1. Name of Conveying party(ies):

Rainer SCHARP

3-7-03

102397050

Receiving party(ies):

Name: MAHLE GmbH

Internal Address:

Street Address: Pragstrasse 26-46

City: D-70376 Stuttgart Country: Germany Zip:

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

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

3. Nature of conveyance:

X Assignment Merger
Security Agreement Change of Name
Other

Execution Date: March 7, 2003

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 7, 2003

A. Patent Application No.(s)

03/13/2003 DTESSEM1 00000041 10384008

02 FC:8021

40.00 DP

10384008

B. Patent No.(s)

Additional numbers attached? Yes x No

5. Name and address of party to whom correspondence should be mailed:

Name: Collard & Roe, P.C.

Internal Address:

Street Address: 1077 Northern Boulevard

City: Roslyn State: NY ZIP: 11576

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

X Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 03-2468

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Elizabeth Collard Richter

Name of Person Signing

Elizabeth Collard Richter
Signature

March 7, 2003

Date

Total number of pages including cover sheet, attachments, and document: 2

PATENT

REEL: 013860 FRAME: 0461

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

MAHLE GmbH
Pragstrasse 26-46
D-70376 Stuttgart, Germany

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

METHOD FOR DRILLING SHAKER BORES INTO THE COOLING CHANNEL OF A SINGLE-PART PISTON

as set forth in his United States Patent Application

☒ executed concurrently herewith

☐ executed on _____

☐ Serial No. _____ filed _____

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 undersigned 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 and 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, reissuing 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.

Name: Rainer SCHARP

Date: 03/07/2003

Re: Patent SCHARP: Assignment

TOTAL P.18