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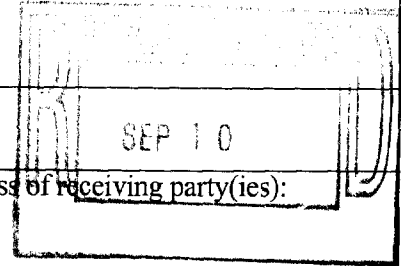
09-15-1999

BT



To the Honorable Commissioner of Patents  
Please record the attached original document

101144924



1. Name of conveying party(ies): **med**  
**9-10-99**

John Cooper

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

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Dates: 07/05/99

2. Name and address of receiving party(ies):

Lucas Industries public limited company  
 46 Park Street  
 London, W1Y 4DJ, England

Additional name(s) and address(es) attached?  
 Yes  No

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

If this document is being filed with a new application, the execution date of the application is \_\_\_\_\_

A. Patent Application No(s). 09/362,168

B. Patent No(s).

Additional numbers attached?  Yes  No

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

Joseph J. Jochman, Jr.  
 ANDRUS, SCEALES, STARKE & SAWALL, LLP  
 100 East Wisconsin Avenue, Suite 1100  
 Milwaukee, WI 53202

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ..... \$40.00  
 Enclosed  
 Authorized to charge Deposit Account

8. Deposit Account No. 01.2000  
 (Attach duplicate copy of this page if paying by Deposit Account)

09/13/1999 MTHAI1 00000206 09362168  
 01 FC:581 40.00 DP

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.

Barbara A. Johnson *Barbara A. Johnson* September 7, 1999  
 Name of Person Signing Signature Date

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

OMB No. 0651-0011 (exp. 4/94)

United States of America  
ASSIGNMENT

WHEREAS,  
Inventor(s) hereinafter  
referred to as ASSIGNOR(s)

- (1) **John COOPER**
- (2)
- (3)
- (4)
- (5)
- (6)

has/have invented certain new and useful improvements entitled **PUMPS** for which  
invention application for Letters Patent of the United States of America (a) is about to be  
made; (b) has been made on 07/27/99 under Serial No. 09/362,168

AND WHEREAS **LUCAS INDUSTRIES public limited company of 46 Park Street,  
London, W1Y 4DJ, ENGLAND**

(herein referred to as ASSIGNEE(s)) is/are desirous of acquiring an interest therein and in  
the Letters Patent to be obtained therefor;

NOW THEREFORE, be it known by all whom it may concern, that in consideration of the  
payment by ASSIGNEE(s) to ASSIGNOR(s) of the sum of ONE DOLLAR (\$1.00), and  
other good and valuable consideration, the receipt of which is hereby acknowledged,  
ASSIGNOR(s) hereby sells, assigns and transfers to ASSIGNEE(s) for the territory of the  
United States of America, and not elsewhere, the full and exclusive right, title and interest  
to the said invention, as fully set forth and described in the specification, prepared and  
executed by ASSIGNOR(s) on 5 day of JULY 1999 preparatory to  
obtaining Letters Patent therefor; said invention, application and Letters Patent to be held  
and enjoyed by the ASSIGNEE(s) to the full end of the term for which said Letters Patent  
is granted, as fully and entirely as the same would have been held by ASSIGNOR(s) had  
this assignment and sale not been made.

In witness whereof, executed by the undersigned this 5 day of JULY 1999

WITNESSES:

Madan Choudhary  
OK Hayward

INVENTOR(S):

- (1) John Cooper
- (2) \_\_\_\_\_
- (3) \_\_\_\_\_
- (4) \_\_\_\_\_
- (5) \_\_\_\_\_
- (6) \_\_\_\_\_