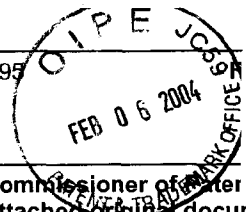


02-12-2004

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.0673
Attorney Customer Number: 22,852



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

102667743

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):
1. Frank G. Hughes
2. Richard Jackson

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

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

Name: Perkins Engines Company
Frank Perkins Way
Eastfield, Peterborough
United Kingdom PE1 5NA

Additional name(s) & Address(es) attached?
 Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: 1. February 5, 2004
2. February 2, 2004

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:

A. Patent Application Number(s):
10/662,823

Additional numbers attached? Yes No

B. Patent Number(s):

Additional numbers attached? Yes No

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

Name: Christopher P. Isaac

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.
Street Address: 1300 I Street, N.W.
City: Washington, D.C.

6. Total number of applications and registrations involved:
1

7. Total fee (37 CFR 3.41): \$40
 Enclosed (Please charge deficiency to deposit account)
 Authorized to be charged to deposit account

State: Zip: 20005-3315

8. Deposit Account No.: 06-0916

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.

02/11/2004 LMUELLER 00000126 10662823
01 FC:8021 40.00 DP

Dustin T. Johnson
Reg. No. 47,684

Signature
February 6, 2004
Date

Total number of pages including cover sheet, attachments and documents: 3

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**CYLINDER BLOCK FOR AN INTERNAL COMBUSTION ENGINE HAVING
A TAPERED COOLANT JACKET**

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on September 16, 2003 (Application No. 10/662,823); and

WHEREAS, Perkins Engines Company, organized and operating under the laws of the United Kingdom, whose post office address is Frank Perkins Way, Eastfield, Peterborough, United Kingdom PE1 5NA (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional Application No. 60/411,088, filed 9/16/02 (if any), and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Frank G. Hughes	ASSIGNOR'S SIGNATURE <i>F. G. Hughes</i>	DATE 05.02.04
ADDRESS 1 Argyll Way, Stamford, Lincolnshire PE9 2XQ United Kingdom		CITIZENSHIP United Kingdom

Listing of Inventors Continued on Page 2 hereof Yes No

SOLE/JOINT INVENTION
 (Worldwide Rights)
 Attorney Docket No. 08350.0673
 Client Ref. No. 00-673

1. WITNESS NAME John Cheek	WITNESS SIGNATURE <i>John Cheek</i>	DATE 05.02.04
ADDRESS 19 The Willows Glinton, Peterborough PE6 7AE, UK		CITIZENSHIP USA

2. WITNESS NAME MRS Z A MARTIN	WITNESS SIGNATURE <i>ZAMartin</i>	DATE 5 Feb '04
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2. FULL NAME OF SECOND ASSIGNOR, IF ANY Richard Jackson	ASSIGNOR'S SIGNATURE <i>[Signature]</i>	DATE 2/2/04
ADDRESS The Old Parsonage, Attleborough Road, Great Ellingham, Attleborough, Norfolk,		CITIZENSHIP United Kingdom NR17 1LG

1. WITNESS NAME BARRY HOLLAND	WITNESS SIGNATURE <i>B. Holland</i>	DATE 2/2/04
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2. WITNESS NAME PAUL SPINKS	WITNESS SIGNATURE <i>P. Spinks</i>	DATE 2/2/04
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