

01-03-2008



103472412

U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 08350.5605  
Attorney Customer Number: 58,982

10-51-21

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. Mail Stop Assignment Recordation Service

Name of conveying parties: Thomas W. CARLILL  
1. Name and address of receiving party: Name: Perkins Engines Company Limited

Additional names of conveying parties attached?  Yes  No  
Internal Address:

2. Nature of conveyance: Street Address: Frank Perkins Way, V.F.R. Bldg.

Assignment  Merger  
City: Eastfield, Peterborough

Security Agreement  Change of Name  
Country: U.K. Zip Code: PE1 5NA

Other: Additional name(s) & Address(es) attached?  
 Yes  No  
Execution Date: December 17, 2007

3. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: December 17, 2007.  
A. Patent Application Number(s): TO BE ASSIGNED  
B. Patent Number(s):  
Additional numbers attached?  Yes  No

4. Name and address of party to whom correspondence concerning document should be mailed: 5. Total number of applications and registrations involved: 1

Name: Christopher P. Isaac 6. Total fee (37 CFR 1.21(h) and 3.41): \$40

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  Enclosed (Please charge deficiency to deposit account 06-0916)

Street Address: 901 New York Avenue, N.W.  Authorized to be charged to deposit account

City: Washington, D.C.

State: Zip: 20001-4413 7. Deposit Account No.: 06-0916

8. 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.  
Clifford D. Crowder  
Reg. No. 56,639  
*Clifford D. Crowder*  
Signature  
December 19, 2007  
Date  
Total number of pages including cover sheet, attachments and documents: 3

**ASSIGNMENT**

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

**METHOD AND APPARATUS FOR CONTROLLING EMISSIONS FROM INTERNAL COMBUSTION ENGINES**

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on \_\_\_\_\_ (Serial No. \_\_\_\_\_); and

WHEREAS, Perkins Engines Company Limited, organized and operating under the virtue of the laws of the United Kingdom, whose post office address is Frank Perkins Way, V.F.R. Building, Eastfield, Peterborough PE1 5NA, United Kingdom (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 Serial No. \_\_\_\_\_, filed \_\_\_\_\_ (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;

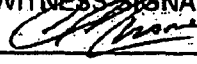
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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 Thomas W. CARLILL	ASSIGNOR'S SIGNATURE <i>T. Carlill</i>	DATE 17 <sup>th</sup> DEC 2007
ADDRESS 34 Primeroses, Deeping st James, Peterborough PE6 8SW, United Kingdom		CITIZENSHIP British

Listing of Inventors Continued on page 2 hereof: No  
 Page 1 of 2

1. WITNESS NAME PAUL WALDRON	WITNESS SIGNATURE 	DATE 17th DEC 2007
ADDRESS 32 STOCKER WAY, EYNESBURY, ST. NEOTS, CAMBS, PE19 2HA		CITIZENSHIP BRITISH

2. WITNESS NAME CHRISTOPHER THORNE	WITNESS SIGNATURE 	DATE 17 <sup>th</sup> DEC 2007
ADDRESS 32 SUTTON RD, OUNDLE, PETERBOROUGH, PEB 4HR.		CITIZENSHIP BRITISH.