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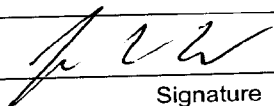


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U.S. Department of Commerce  
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To the Director of the U.S. Patent and  
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1. Name of conveying party: (1) Michael David SMITH		2. Name and address of receiving party: Name: Perkins Engines Company Limited	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:		Street Address: Frank Perkins Way, Eastfield, V.F.R. Building City: Peterborough, United Kingdom	
Execution Date: (1) May 1, 2008		State: Zip Code: PE1 5NA	
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:		Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
A. Patent Application Number: 12/078,408		B. Patent Number(s):	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Joshua L. Goldberg Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Street Address: 901 New York Avenue, N.W. City: Washington, D.C. State: Zip: 20001-4413		6. Total number of applications and registrations involved: One (1) 7. Total fee (37 CFR 1.21(h) and 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge any deficiency to our deposit account) <input type="checkbox"/> Authorized to be charged to deposit account	
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.		8. Deposit Account No.: 06-0916	
Joshua L. Goldberg Reg. No. 59,369		Signature:  Date: May 15, 2008	
Total number of pages including cover sheet, attachments and documents: 3			

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PATENT  
REEL: 020989 FRAME: 0114

## ASSIGNMENT

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

### SHOT MODE TRANSITION METHOD FOR FUEL INJECTION SYSTEM

for which I filed an application for United States Letters Patent on March 31, 2008 (Serial No. 12/078,408); 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, Eastfield, V.F.R. Building, 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, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention; and this application; and all nonprovisional patent applications of this invention; and all divisions, and continuations thereof; and all Letters Patent of the United States which may be granted on this invention, and all reissues thereof; and 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 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 HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me 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 have hereunto set my hand.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Michael David Smith	ASSIGNOR'S SIGNATURE MD Smith	DATE 1 May 2008
ADDRESS 4 Greenwood Close, Bury, Huntingdon, Cambridgeshire, PE26 2NZ		CITIZENSHIP British
United Kingdom		

1. WITNESS NAME PAUL MOORE	WITNESS SIGNATURE 	DATE 01/05/08
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2. WITNESS NAME SEAN EGLIN	WITNESS SIGNATURE S. Eglin	DATE 01/5/08
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