MPO3Rec'd PCT 02 SEP 2009 09-08-2009 HEET U.S. Department of Commerce Patent and Trademark Office Customer No.: 58,982 Attorney Docket No. 38350.5741-00000 Mail Stop Assignment Recordation Services To the Director of the U.S. Pat Please record the attached original documents or copy thereof. 2. Name of conveying parties: Name and address of receiving party: 1. Colin Peter GARNER 2. John Ernest HARRY Name: Perkins Engines Company Limited Additional name(s) of conveying parties attached? ☐ Yes ☒ No Internal Address: Street Address: Frank Perkins Way, Eastfield, Nature of conveyance: V.F.R. Building \bowtie Peterborough City: Assignment Merger United PE15NA Security Agreement Change of Name State: Zip Code: K ngdom Government Interest Joint Research Additional name(s) & Address(es) attached? Agreement Assignment Executive Order 9494. \Box Other: ☐ Yes ⊠ No Confirmatory License **Execution Date:** 1. August 28, 2009 2. August 25, 2009 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of 4. the application: Α. Patent Application Number(s): Patent Number(s): 11/990,914 ☐ Yes Additional numbers attached? ⊠ No Total number of applications and patents involved: 5. Name and address of party to whom correspondence 6. concerning document should be mailed: One (1) 7. Denise L. Pov (202) 408-4000 Total fee (37 CFR 1.21(h) and 3.41): \$40.00 Name: \boxtimes Enclosed (Please charge deficiency or credit FINNEGAN, HENDERSON, FARABOW, GARRETT Internal Address: overpayment to deposit account 06-0916) & DUNNER, L.L.P. 901 New York Avenue, N.W.

9. Statement and signature.

D.C.

Washington

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

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8.

document.

Street Address:

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State:

Zip:

September 2, 2009

Authorized to be charged to deposit account

Deposit Account No.: 06-0916

Date

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

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PATENT REEL: 023195 FRAME: 0375

ASSIGNMENT

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

AUTOSELECTIVE REGENERATING PARTICULATE FILTER

for which We filed an international patent application under the Patent Cooperation Treaty (PCT) on August 22, 2006 (No. PCT/GB2006/003114), which entered the national stage in the United States as an application for United States Letters Patent on February 25, 2008 (Application No. 11/990,914); and

WHEREAS, Perkins Engines Company Limited, a company 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. We, as Assignors, 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, Patent Cooperation Treaty Application No. PCT/GB2006/003114, filed August 22, 2006, U.S. Patent Application No. 11/990,914, filed February 25, 2008, 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 applications, 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 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, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to 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, We have hereunto set our hands.

FULL NAME OF SOLE OR FIRST ASSIGNOR COLIN Peter GARNER	ASSIGNOR'S SIGNATURE	DATE 28	8/09
ADDRESS 40 Fairmount Drive, Loughborough, Leicestershire, LE11 3JR, United Kingdom		спідензия United Kingdom	

Page 1 of 2

PATENT REEL: 023195 FRAME: 0376

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350,5741-00000 Client Ref. No. 05-741

1. WITNESS NAME MEMIS ACAT	WITNESS SIGNATURE WOULD REAR	DATE 28/08/2009
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2 WITNESS HAME JEREMY COUPLAND	V. Bragford, Notts N62600	DATE 20/08/09
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2. FULL NAME OF SECOND ASSIGNOR, IF ANY John Ernest HARRY	ASSIGNOPES SCHATURE LES	DATE / 8/09
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1. WITHERS NAME PAUL ROGERSON	WITNESS SIGNATURE	DATE /8/09.
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2 WITHESS HAME CHERYL ROGERSON	WITNESS SIGNATURE	25/8/09
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