

MAR 26 2008

04-01-2008

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 08350.7016-00000
Attorney Customer Number: 58,982

Mail Stop Assignment Recordation Services

To the Director of the U.S. Patent and Trademark
Please record the attached document

103493672

1. Name of conveying parties:

- (1) Paul R. Morris
- (2) Max B. Raymond
- (3) Roger C. Adams
- (4) Stuart A. Edwards
- (5) John R. Addison
- (6) Jonathan C. Booty

2. Name and address of receiving party:

Name: Perkins Engine Company Limited

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

Internal Address:

3. Nature of conveyance:

Street Address: Frank Perkins Way, Eastfield, V.F.R. Building

☒ Assignment ☐ Merger

City: Peterborough, United Kingdom

☐ Security Agreement ☐ Change of Name

State: Zip Code: PE1 5NA

☐ Other:

Additional name(s) & Address(es) attached?

Execution Date:

- (1) March 13, 2008
- (2) March 17, 2008
- (3) March 14, 2008
- (4) March 20, 2008
- (5) March 20, 2008
- (6) March 14, 2008

☐ Yes ☒ No

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): 12/068,511

B. Patent Number(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Timothy McAnulty

6. Total number of applications and registrations involved:
one (1)

7. Total fee (37 CFR 3.41): \$40

- ☒ Enclosed (Please charge deficiency to deposit account)
- ☐ Authorized to be charged to deposit account

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 901 New York Avenue, N.W.

City: Washington

State: DC Zip: 20001-4413

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.

March 26, 2008

Timothy McAnulty
Reg. No. 56,939

Date

Total number of pages including cover sheet, attachments and documents: 21

03/27/2008 SZEMDIE1 00000102 12368511

02 FC:0021

48.00 UP

ASSIGNMENT

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

SYSTEM FOR CONTROLLING AN AIR TO FUEL RATIO

for which I/We executed an application for United States Letters Patent filed on February 7, 2006, U.S. Patent Application No. 12/068,511; and


WHEREAS, Perkins Engine Company Limited, a corporation 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, 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 to be jointly owned by each;

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 Assignees are hereby acknowledged, I/We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignees, their lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional Application No. 60/900,096, filed February 8, 2007, 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 Assignees, their 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 Assignees, their 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 Assignees, their successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, their 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 Assignees, their successors and assigns.

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Paul R. Morris	ASSIGNOR'S SIGNATURE 	DATE 13/03/2008
ADDRESS 40 Blenheim Crescent, Broughton Asley, Leicester, LE9 6QY, UK		CITIZENSHIP United Kingdom

1. WITNESS NAME	Ivan Palmer	WITNESS SIGNATURE	DATE
ADDRESS	3 ESTELLE CLOSE, RAMSEY ST MARYS, HUNTINGDON, CAMBS, PE26 2WE UK,		CITIZENSHIP BRITISH.

2. WITNESS NAME	Yoichiro Hori	WITNESS SIGNATURE	DATE
ADDRESS	1 DONEGAL CLOSE, PETERBOROUGH, CAMBS, PE4 7TH UK		CITIZENSHIP JAPANESE

2. FULL NAME OF SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Max B. Raymond		
ADDRESS	23 East of England Way, Orton Northgate, Peterborough, PE2 6HA, UK	
	CITIZENSHIP United Kingdom	

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS	CITIZENSHIP	

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS	CITIZENSHIP	

3. FULL NAME OF THIRD ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Roger C. Adams		
ADDRESS	35 St. Martins, Stamford, Lincs, PE9 2LJ, UK	
	CITIZENSHIP United Kingdom	

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4. FULL NAME OF FOURTH ASSIGNOR Stuart A. Edwards	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 32 Candidus Court, Peterborough PE4 5DB, UK		CITIZENSHIP United Kingdom

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5. FULL NAME OF FIFTH ASSIGNOR John R. Addison	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 43 Northorpe Thurlby, Bourne, PE10 0HH, UK		CITIZENSHIP United Kingdom

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6. FULL NAME OF SIXTH ASSIGNOR Jonathan C. Booty	ASSIGNOR'S SIGNATURE	DATE
ADDRESS Careby, Stamford, Lincolnshire, PE9 4EA, UK		CITIZENSHIP United Kingdom

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AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignees, their 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 Assignees, their successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, their 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 Assignees, their successors and assigns.

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2. FULL NAME OF SECOND ASSIGNOR Max B. Raymond	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 23 East of England Way, Orton Northgate, Peterborough, PE2 6HA, UK		CITIZENSHIP United Kingdom

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2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

3. FULL NAME OF THIRD ASSIGNOR Roger C. Adams	ASSIGNOR'S SIGNATURE <i>R Adams</i>	DATE 14 March 2008
ADDRESS 35 St. Martins, Stamford, Lincs, PE9 2LJ, UK		CITIZENSHIP United Kingdom

1. WITNESS NAME T. J. NIGHTINGALE	WITNESS SIGNATURE <i>T. J. Nightingale</i>	DATE 14-3-08
ADDRESS 128, STATION ROAD, MARCH GRUBBS. PETERBOROUGH		CITIZENSHIP UNITED KINGDOM

2. WITNESS NAME Tony Goudo	WITNESS SIGNATURE <i>Tony Goudo</i>	DATE 14-3-08
ADDRESS 5 Vauxhall Close, St Neots, Peterborough		CITIZENSHIP UK

4. FULL NAME OF FOURTH ASSIGNOR Stuart A. Edwards	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 32 Candidus Court, Peterborough PE4 5DB, UK		CITIZENSHIP United Kingdom

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2. FULL NAME OF SECOND ASSIGNOR Max B. Raymond	ASSIGNOR'S SIGNATURE <i>Max B. Raymond</i>	DATE 17 MARCH '08
ADDRESS 23 East of England Way, Orton Northgate, Peterborough, PE2 6HA, UK		CITIZENSHIP United Kingdom

1. WITNESS NAME DAVID P MURPHY	WITNESS SIGNATURE <i>David P. Murphy</i>	DATE 17/03/2008
ADDRESS 33 CHURCH STREET, STAMFORD, PETERBOROUGH, PE2 5HF, UK		CITIZENSHIP UNITED KINGDOM

2. WITNESS NAME CLIFFORD C LEIGH	WITNESS SIGNATURE <i>C. Leigh</i>	DATE 17 MAR - 08
ADDRESS 32, SCALFORD DRIVE, PETERBOROUGH PE1 4TG, UK		CITIZENSHIP BRITISH

3. FULL NAME OF THIRD ASSIGNOR Roger C. Adams	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 35 St. Martins, Stamford, Lincs, PE9 2LJ, UK		CITIZENSHIP United Kingdom

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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;

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4. FULL NAME OF FOURTH ASSIGNOR Stuart A. Edwards	ASSIGNOR'S SIGNATURE <i>S Edwards</i>	DATE 20 th MARCH 2008
ADDRESS 32 Candidus Court, Peterborough PE4 5DB, UK		CITIZENSHIP United Kingdom

1. WITNESS NAME <i>ROY STACEY</i>	WITNESS SIGNATURE <i>R Stacey</i>	DATE 20 th MARCH 2008
ADDRESS <i>16 GREEN STREET MARCH PE15 9DU</i>		CITIZENSHIP UNITED KINGDOM

2. WITNESS NAME <i>DAVID SMITH</i>	WITNESS SIGNATURE <i>D S-M</i>	DATE 20 MARCH 2008
ADDRESS <i>46, HILLSIDE GARDENS, WITTERING PE8 6DX</i>		CITIZENSHIP BRITISH

5. FULL NAME OF FIFTH ASSIGNOR John R. Addison	ASSIGNOR'S SIGNATURE <i>J R Addison</i>	DATE 20 th March 2008
ADDRESS 43 Northorpe Thurlby, Bourne, PE10 0HH, UK		CITIZENSHIP United Kingdom

1. WITNESS NAME ROY STACEY	WITNESS SIGNATURE <i>[Signature]</i>	DATE 20 th MARCH 2008
ADDRESS 16 GREEN STREET WARCH 7E15 4DU		CITIZENSHIP UNITED KINGDOM

2. WITNESS NAME DAVID SMITH	WITNESS SIGNATURE <i>[Signature]</i>	DATE 20 MARCH 2008
ADDRESS 46, HILLSIDE GARDENS, WITTERING PE8 6DX		CITIZENSHIP UNITED KINGDOM

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2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

5. FULL NAME OF FIFTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
John R. Addison		
ADDRESS		CITIZENSHIP
43 Northorpe Thurlby, Bourne, PE10 0HH, UK		United Kingdom

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

6. FULL NAME OF SIXTH ASSIGNOR Jonathan C. Booty	ASSIGNOR'S SIGNATURE <i>[Signature]</i>	DATE 16 TH MARCH 2008
ADDRESS Careby, Stamford, Lincolnshire, PE9 4EA, UK		CITIZENSHIP United Kingdom

1. WITNESS NAME "TOM W. CARLILL	WITNESS SIGNATURE <i>[Signature]</i>	DATE 14 TH MARCH 2008
ADDRESS 24 PRIMROSES DEEPING ST JAMES, LINCOLNSHIRE PE6 8SW UK		CITIZENSHIP United Kingdom

2. WITNESS NAME PAUL S WALDRON	WITNESS SIGNATURE <i>[Signature]</i>	DATE 14 TH MARCH 2008
ADDRESS 32 STOCKER WAY, EYNESBURY, STREETS CAMBS PE19 2HA		CITIZENSHIP UNITED KINGDOM