PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3069487

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW KEEN	02/11/2013
NASEER A. NIAZ	02/11/2013
SWAPNIL PADATE	02/11/2013
ANTHONY RODMAN	02/11/2013
DAVID PHILLIPS	02/11/2013

RECEIVING PARTY DATA

Name:	PERKINS ENGINES COMPANY LIMITED
Street Address:	FRANK PERKINS WAY
Internal Address:	EASTFIELD, PETERBOROUGH
City:	CAMBRIDGESHIRE
State/Country:	UNITED KINGDOM
Postal Code:	PE1 5FQ

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14395012

CORRESPONDENCE DATA

Fax Number: (312)616-5700

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (312) 616-5600

Email: assignments@leydig.com PAMELA J. RUSCHAU **Correspondent Name:**

Address Line 1: LEYDIG, VOIT & MAYER, LTD.

Address Line 2: 180 NORTH STETSON AVE., SUITE 4900

Address Line 4: CHICAGO, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER: 718785 (12-2632) NAME OF SUBMITTER: PAMELA J. RUSCHAU **SIGNATURE:** /Pamela J. Ruschau/ **DATE SIGNED:** 10/17/2014

Total Attachments: 10

REEL: 033969 FRAME: 0599 503022887

PATENT

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ASSIGNMENT

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

EXHAUST MIXER, SYSTEM AND METHOD

for which I/We will or have filed a patent application; and

WHEREAS, PERKINS ENGINES COMPANY LIMITED, a corporation of UNITED KINGDOM whose post office address is FRANK PERKINS WAY, EASTFIELD, PETERBOROUGH, PE1 5FQ (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, and in and to the patent application for this invention and any and all patents to be issued upon this application throughout the world;

NOW THEREFORE, be it known that for 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 and this application, and all divisions, and continuations thereof, and all patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may hereafter be filed for this invention in any country or jurisdiction or patent office and all patents which may be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents 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 any country or jurisdiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND, I/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (International Application No.PCT/GB2013/050352 filed February 14, 2013).

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

FULL NAME OF SOLE OR FIRST ASSIGNOR ANDREW KEEN	ASSIGNOR'S SIGNATURE	DATE 11/02 / 701%
AODRESS	CITIZENSHIP	
15 St. Margarets Road, Peterborough PE2 9EA, United Kingdom		British

1. WITNESS NAME	WITNESS SIGNATURE	DATE
TIMOTHY WARD	Trint	11/02/2013
ADDRESS		CITIZENSHIP
THE COTTAGE, FENTON, WARBOYS, HUNTINGOON, PEZS 25N		BRITISM

2. WITNESS NAME VIV PAGE	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
H COOKE DRING, BONNE, LINICS	. Pero 450	Z4177.534

4431787; NDT; FLM

ASSIGNMENT

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

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1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
NASEER A NIAZ		11/2/13
ASORESS CITIZENSHIP		
359 Eastfield Road, Peterborough, Cambridge	British	

1 WITNESS NAME NATHAN BEAND	WITNESS SIGNATURE	DATE 1/-2-/7
ADDRESS		CITZENSHIP
4 DUCK LANE, OUNDLE, PETERBOROUGH, PEB 40Y		1

2. WITNESS NAME	withess signature	DATE
VICTORIA DYJON		11/2/13
ADDAGES 2 THE GREEN KENT		CITIZENSHIP
CAMOJ PEZ8 ORE		BRITISH

4401743, NOT: FLM

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

FULL NAME OF SOLE OR FIRST ASSIGNOR SWAPNIL PADATE	assignor's signature <u>Lapacellale</u>) Ø2 2Ø 13
AODRESS		CITIZENSHIP
21 Silver Hill, Hampton Hargate, Peterborough PE7 8AT, United Kingdom		Indian

TOMES NAME TOMES MCCLOSIFET	WITNESS SIGNATURE SCY MG	DATE 11/2/2013
12 MYRTLE GROVE, PGT ADDRESS	TERBOUGH, LAK, PET 4CP	CITIZENSHIP (
2. WITNESS NAME	WITNESS SIGNATURE	e
CHARTEZ CTINART		11 (02-(13
ACORESS 48% MAGATE, KETTON,		CITIZENSHIP (MK)

4431750; NOT: FLM

ASSIGNMENT

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1. FULL NAME OF SOLE OR FIRST ASSIGNOR ANTHONY RODMAN	ASSIGNON'S SIGNATURE	date FEB 11 ₇ Z=13
ACCRESS		CITIZENSHIP
5814 W Chadworth Ct, Peoria, it. 61615, USA		USA

Page 1 of 2

1. WITNESS NAME	VITNESS SIGNATURE	DATE
Colleen Anderson	Allew Anderson	2/11/2013
ADDRESS 317 South Hangock, W	CITIZENSHIP USA	
z winess name	Witness Signature	DATE
Kajir Nonjondoreddy	Charle.	2/11/2013
	ELN, Dunlap, JI-61525	

4431788, NOT, FLM

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1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
DAVID PHILLIPS	D	11/2/13.
ACCRESS		CITIZENSHIP
71 High Street, Thurlby, Bourne, Lincolnshire, PE10 0ED		British

1. WITNESS NAME		WITNESS SIGNATURE	DATE
6022	COLLEGOS	Z.Col-i	11/02/13
ADDRESS		CITIZENSHIP	
FACOROFIED CLOSE, GLOVION, PETERBOROSH PLIF 229		8811124	

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ADDRESS	33	LEAF	AUE,	HAMPTON	HARCHATE,	CITIZENSHIP
PETER BUROUGH, PET SEF			MAURITIAN			

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