PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Samuel Alexander Mason	06/23/2008

RECEIVING PARTY DATA

Name:	ROLLS-ROYCE PLC
Street Address:	65 Buckingham Gate
City:	London
State/Country:	UNITED KINGDOM
Postal Code:	SW1E 6AT

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12143907

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 5349-0025

NAME OF SUBMITTER:

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Total Attachments: 2

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PATENT REEL: 021134 FRAME: 0039

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ASSIGNMENT

THIS INSTRUMENT OF ASSIGNMENT WITNESSETH THAT:

WHEREAS, I, Samuel Alexander <u>Mason</u>, resident of 35 Redshaw Street, Derby, DE1 3SH, England, have invented improvements in

VALVELESS PULSE COMBUSTOR

for which was filed on <u>June 23, 2008</u> an application for United States Letters Patent as Application Serial No. <u>12/143907</u>, claiming priority to GB Patent Application No. <u>0714814.1</u> filed 28 July 2007, and

WHEREAS, ROLLS-ROYCE PLC, having a place of business at 65 Buckingham Gate, London SW1E 6AT, a Corporation organized and existing under the Laws of Great Britain, is desirous of acquiring an interest in said invention, said application and the Letters Patent to be issued therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of ONE DOLLAR to each in hand paid and other good and valuable consideration, the receipt whereof is hereby acknowledged, we have sold, assigned and set over, and do hereby sell, assign and set over to said corporation, its successors or assigns, the entire right, title and interest to and in said invention in the United States and in all countries foreign to the United States, said United States application for Letters Patent therefor and all divisionals, continuations, reissues, reexaminations and extensions thereof, and the Letters Patent when issued; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent based upon said application(s) to said corporation as the assignees of our entire right, title and interest to and in the same, for the sole use and behoof of said corporation, its successors or assigns.

PATENT REEL: 021134 FRAME: 0040 And we also hereby covenant and agree to sign all proper papers including other applications for patents and assignments thereof in the United States and application for patents and assignments in all foreign countries, and to execute all rightful oaths and to take any other proper action that may in the judgment of the said corporation be necessary for securing thereto full rights to said invention, all of the foregoing to be at the expense of said corporation.

IN TESTIMONY WHERE	EOF, I have hereunto set my hand this 22nd day of
May	, 2008.
J	Samuel Alexander Mason Name of first or sole Inventor Sand A. Mon First or sole Inventor signature
INI TECTIMONIV MUTEDI	
IN TESTIMONT WHERE	EOF, I have hereunto set my hand thisday of , 2008.
	Name of second Inventor
	Second Inventor signature
IN TESTIMONY WHERE	EOF, I have hereunto set my hand thisday of, 2008.
	Name of third Inventor
	Third Inventor signature

RECORDED: 06/23/2008

PATENT REEL: 021134 FRAME: 0041