504222664 02/10/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW FARQUHAR ATKINS	02/07/2017

RECEIVING PARTY DATA

Name:	RICARDO UK LIMITED	
Street Address:	C/O RICARDO UK LIMITED, SHOREHAM TECHNICAL CENTRE	
Internal Address:	OLD SHOREHAM ROAD; SHOREHAM-BY-SEA	
City:	WEST SUSSEX	
State/Country:	UNITED KINGDOM	
Postal Code:	BN43 5FG	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15500184

CORRESPONDENCE DATA

Fax Number: (908)654-7866

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.

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ATTORNEY DOCKET NUMBER:	MATHYS 3.3F-055	
NAME OF SUBMITTER:	MELINDA C. CORMIER	
SIGNATURE:	/Melinda C. Cormier/	
DATE SIGNED:	02/10/2017	

Total Attachments: 1

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PATENT REEL: 041224 FRAME: 0573 504222664

	former PTO/SB/15 (8-00) Modified LDLK&	
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) Mathys 3.3F-055	
Whereas, I, Andrew Farquhar Atkins c/o Ricardo UK Limited, Shoreham Technical Centre	of ; Old Shoreham Road; Shoreham-by-Sea;	
WEST SUSSEX; BN43 5FG; UNITED KINGDOM hereafter referred to as assignor, have invented certain new ar INTERNAL COMBUSTION ENGINE for which an application for a United States Letters Pa Application Number	·	
for which an application for a United States Letters Pate		
X for which an International Application was filed on PCT/GB2015/052232 , designating the United And Whereas, Ricardo UK Limited		
a corporation of <u>United Kingdom</u> herein referred to as "assigned do Ricardo UK Limited, Shoreham Technical Centre, Old Shoreham Road; Shoreham-by-Sea; WEST SUSSEX; BN43 is desirous of acquiring the entire right, title and interest in the	5FG; UNITED KINGDOM	
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration, I assignee the entire right, title and interest for the United State invention and the aforesaid utility patent application and all or applications and patents applied for or granted therefor in the said invention, including without limitation all applications and of the aforesaid utility application pursuant to any law or treaty past infringement with the right to sue for and collect the sa assigns and legal representatives, and including the right to cle Patents and Trademarks is hereby authorized and requested to therefrom to said assignee herein, as assignee of the entire in legal representatives, heirs and assigns do hereby agree and and deliver all original, divisional, continuation, reissue an improvements and all assignments thereof to said assignee or representatives all facts known to the undersigned respecting any interferences or other legal proceedings in which any of said any interferences or other legal proceedings in which any of said assigns and lawful papers, make all rightful oaths, and to do g successors, assigns and nominees to obtain patent protection incident to said applications to be borne and paid by said assigns	es of America and all other countries in and to said riginal, divisional, continuation, substitute or reissue United States of America and all other countries, for patents for said invention claiming priority or benefit r, and including all claims for damages by reason of me for its own use and the use of its successors, aim such priority or benefit and the Commissioner of the said improvements or resulting interest therein; and the undersigned for me and my discovenant without further remuneration, to execute and other applications for Letters Patent on said improvements, whenever requested, to testify in the interest in all applications or patents may become involved, to enerally everything necessary to aid assignee, its for said improvements in all countries, the expenses	
And I do hereby authorize my attorneys to insert on this de application when known.	eed the filing date and application number of said	
Date Witness A WHITE Printed Name of Witness	And New Farquhar Atkins	

PATENT REEL: 041224 FRAME: 0574

RECORDED: 02/10/2017