

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Anthony J. TRUSCOTT	10/23/2009
Robert David NORRIS	10/22/2009
Steven Andrew AMPHLETT	10/22/2009
Peter John MILLER	10/26/2009

RECEIVING PARTY DATA

Name:	RICARDO UK LIMITED
Street Address:	Shoreham Technical Centre, Old Shoreham Road
City:	Shoreham-by-Sea, West Sussex
State/Country:	UNITED KINGDOM
Postal Code:	BN43 5FG

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12520849

CORRESPONDENCE DATA

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04630.050001 (BWH)

NAME OF SUBMITTER:

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Total Attachments: 2

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PATENT
REEL: 023452 FRAME: 0045

OP \$40.00 12520849

ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

RICARDO UK LIMITED

having the following address:

Shoreham Technical Centre, Old Shoreham Road, Shoreham-by-Sea, West Sussex BN43 5FG, GB

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

METHOD OF SIMULATING ENGINE OPERATION

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) that may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents that may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts that may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts that may be necessary to obtain the grant of valid and enforceable patents to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA • LIANG LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

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Intellectual Property Law

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

<u>23 OCT 2009</u> Date	1 st Inventor Signature: <u>[Signature]</u> Print or Type Name: <u>Anthony J. TRUSCOTT</u>
<u>22 - Oct - 2009</u> Date	2 nd Inventor Signature: <u>[Signature]</u> Print or Type Name: <u>Robert David NORRIS</u>
<u>22 October 2009</u> Date	3 rd Inventor Signature: <u>[Signature]</u> Print or Type Name: <u>Steven Andrew AMPHLETT</u>
<u>26 october 2009</u> Date	4 th Inventor Signature: <u>[Signature]</u> Print or Type Name: <u>Peter John MILLER</u>

This Assignment may be signed before either:
(a) a Notary Public for one of the States of the United States, or (b) two witnesses who sign below:

WITNESSES	<u>22-Oct-2009</u> Date	Signature of Witness: <u>[Signature]</u> Print or Type Name: <u>KEITH MILLER</u>
	<u>26 October 2009</u> Date	Signature of Witness: <u>[Signature]</u> Print or Type Name: <u>NICHOLAS POWELL</u>

547487_1

When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.: 12/520,849
Filing Date: 22 June 2009

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Intellectual Property Law

PATENT

RECORDED: 10/30/2009

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