

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT2816857

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PHILIP H. SNYDER	05/01/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC.
<b>Street Address:</b>	2059 S. TIBBS AVENUE
<b>Internal Address:</b>	MAIL DROP X12
<b>City:</b>	INDIANAPOLIS
<b>State/Country:</b>	INDIANA
<b>Postal Code:</b>	46241
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13337083
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	RORO-1451
<b>NAME OF SUBMITTER:</b>	GEORGE W. GRAY
<b>SIGNATURE:</b>	/George W. Gray/
<b>DATE SIGNED:</b>	04/16/2014
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, Philip H. Snyder of 1650 S. County Road 525 East, Avon, IN 46123, hereinafter referred to as Assignor, has made one or more new and useful inventions in ENGINE AND COMBUSTION SYSTEM for which Assignor has made or will make application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, Rolls-Royce North American Technologies Inc., hereinafter referred to as Assignee, a corporation of the State of Delaware, having a principal place of business at 2059 S. Tibbs Avenue, Mail Drop X12, Indianapolis, Indiana 46241, desires to acquire all of the entire right, title and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application entitled ENGINE AND COMBUSTION SYSTEM, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuations-in-part thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

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Assignor acknowledges that the Application was executed concurrently herewith unless a different execution date is indicated in item (a) below. Assignor hereby authorizes Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (c) at the discretion of the Assignee, its counsel, or its agents:

- (a) Execution Date of the Application: May 1, 2012
- (b) Patent Office Number of the Application: 13/337,083
- (c) Filing Date of the Application: December 24, 2011

Assignor hereby authorizes and requests the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this 1st day of May, 2011.

Philip H. Snyder  
Philip H. Snyder

STATE OF INDIANA )  
 ) :SS  
COUNTY OF MARION )

Before me, a Notary Public, in and for said County and State, personally appeared Philip H. Snyder, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 15<sup>th</sup> day of May, <sup>2012.</sup>~~2011.~~

Cynthia A. Baxter  
Notary Public

Printed: Cynthia A Baxter

Resident of Johnson County

My Commission Expires:

September 25, 2015