## 502620757 01/03/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2667366

12/07/2011

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name		Execution Date	

#### RECEIVING PARTY DATA

NATHAN J COOPER

Name:	ROLLS-ROYCE CORPORATION
Street Address:	2059 S. TIBBS AVENUE
Internal Address:	MAIL DROP X12
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46241

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13339015

### CORRESPONDENCE DATA

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NAME OF SUBMITTER:	KERRY L. VERITY
Signature:	/Kerry L. Verity/
Date:	01/03/2014

#### Total Attachments: 3

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PATENT 502620757 REEL: 031892 FRAME: 0257

ASSIGNMENT

WHEREAS, Nathan J. Cooper of 607 Weeping Way Lane, Avon, IN 46123,

hereinafter referred to as Assignor, has made one or more new and useful inventions in

GAS TURBINE ENGINE WITH SECONDARY AIR FLOW CIRCUIT for which Assignor

has made or will make application for Letters Patent of the United States (hereinafter

the "Application"); and

WHEREAS, Rolls-Royce Corporation, 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 GAS TURBINE ENGINE WITH SECONDARY AIR FLOW CIRCUIT.

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

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**PATENT REEL: 031892 FRAME: 0258**  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.

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 Applicat	ion De	OPINI	her 7	2011
(a) =voonuev	<i>D</i> 4.0 0.	tilo i ippiloui			29 1	<u> </u>

- (b) Patent Office Number of the Application: 13/339, 615
- (c) Filing Date of the Application: De Cember 28, 2011

Assignor hereby authorizes and request 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.

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WITNESS Assignor's hand this 7th day of December, 2011.
Nathan J. Cooper
STATE OF /NDIANA )
STATE OF /NDIANA )  COUNTY OF MARION )
Before me, a Notary Public, in and for said County and State, personally appeared Nathan J. Cooper, 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 day ofDecember, 2011.
<u>Cynthia a. Balter</u> Notary Public
Printed: Cynthia A Baxter
Resident of Johnson County
My Commission Expires:
September 25,2015

ASSIGNMENT RORO-1450 Page 3 of 3 KD\_2902476\_1.DOC

RECORDED: 01/03/2014

PATENT REEL: 031892 FRAME: 0260