# 505381707 03/19/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5428500

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BRUCE VARNEY	01/06/2016
JACK PETTY	08/03/2017
DANIEL VETTERS	01/06/2016
EUGENE CLEMENS	08/07/2017

#### **RECEIVING PARTY DATA**

Name:	ROLLS-ROYCE CORPORATION	
Street Address:	450 S. MERIDIAN STREET	
City:	INDIANAPOLIS	
State/Country:	INDIANA	
Postal Code:	46225	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15000636

## **CORRESPONDENCE DATA**

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Address Line 1: 11 S. MERIDIAN STREET

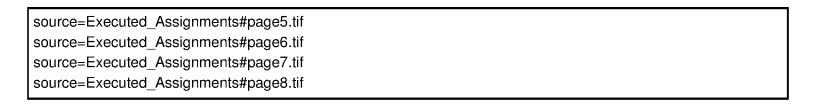
Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER:	27163-244288/RCA11548
NAME OF SUBMITTER:	JOHN T. ROUTON
SIGNATURE:	/John T. Routon/
DATE SIGNED:	03/19/2019

## **Total Attachments: 8**

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PATENT 505381707 REEL: 048633 FRAME: 0861



Attorney Docket No.:	27163-244288
Client Reference No.:	RCA11548

## ASSIGNMENT

	For good and valuable consideration, the receipt of which is hereby acknowledged,	
Name(s) of Inventor(s)	Bruce Varney	
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled	
Title of Application	GAS TURBINE ENGINE WITH HEALTH MONITORING SYSTEM	
Serial No.: Filing Date:	15/000,636 01/19/2016	
	the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to	
Name of Assignee	Rolls-Royce Corporation	
Address of	450 S. Meridian Street	
Assignee Business	Indianapolis, Indiana 46225	
Insert State of Incorporation (if applicable) or "Not Applicable"	a corporation of	

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, all inventions disclosed therein, and any and all Letters Patent of the United States and of all other countries that may be granted for such inventions, all rights in such Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment not been made.

The Assignors agree to execute any and all papers in connection with the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, and any Letters Patent issuing therefrom, and also to execute separate assignments as the Assignee may deem necessary or desirable.

The Assignors agree to execute any and all papers in connection with any litigation or any administrative proceeding concerning the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, or any Letters Patent issuing therefrom, and also to cooperate with the Assignee in every way possible in obtaining evidence and participating in any such litigation or proceeding.

The Assignors agree to execute any and all papers and to perform any and all acts which the Assignee may deem necessary or desirable in view of the provisions of the Patent Cooperation Treaty, the International Convention for Protection of Industrial Property, or similar agreements.

The Assignors hereby covenant that they have the full right to convey the interests herein assigned, and that the Assignors have not executed, and will not execute, any agreement in conflict herewith.

The Assignors hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for recordation of this document.

(Digitally signed by Bruce Varney_7668(Bldentity 'Date: 2016.01.06 16:32:43 -05'00	The second secon
Date	Inventor (Signature)
	Bruce Varney
	Inventor (Printed Name)

#### ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.:	27163-244288
Client Reference No.:	RCA11548

## ASSIGNMENT

	For good and valuable consideration, the receipt of which is hereby acknowledged,
Name(s) of Inventor(s)	Jack Petty
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled
Title of Application	GAS TURBINE ENGINE WITH HEALTH MONITORING SYSTEM
Serial No.: Filing Date:	15/000,636 01/19/2016
	the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to
Name of Assignee	Rolls-Royce Corporation
Address of	450 S. Meridian Street
Assignee Business	Indianapolis, Indiana 46225
Insert State of Incorporation (if applicable) or "Not Applicable"	a corporation of <u>Delaware</u>

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, all inventions disclosed therein, and any and all Letters Patent of the United States and of all other countries that may be granted for such inventions, all rights in such Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment not been made.

The Assignors agree to execute any and all papers in connection with the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, and any Letters Patent issuing therefrom, and also to execute separate assignments as the Assignee may deem necessary or desirable.

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The Assignors hereby covenant that they have the full right to convey the interests herein assigned, and that the Assignors have not executed, and will not execute, any agreement in conflict herewith.

The Assignors hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for recordation of this document.

8/3/2017	Sack D. Petty
Date	Inventor (Signature)
	Jack Petty
	Inventor (Printed Name)

Attorney Docket No.:	27163-244288
Client Reference No.:	RCA11548

#### ASSIGNMENT

	For good and valuable consideration, the receipt of which is hereby acknowledged,		
Name(s) of Inventor(s)	Daniel Vetters		
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled		
Title of Application	GAS TURBINE ENGINE WITH HEALTH MONITORING SYSTEM		
Serial No.: Filing Date:	15/000,636 01/19/2016		
	the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to		
Name of Assignee	Rolls-Royce Corporation		
Address of Assignee	450 S. Meridian Street		
Business	Indianapolis, Indiana 46225		
Insert State of Incorporation (if applicable) or "Not Applicable"	a corporation of <u>Delaware</u>		

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, all inventions disclosed therein, and any and all Letters Patent of the United States and of all other countries that may be granted for such inventions, all rights in such Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment not been made.

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The Assignors hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for recordation of this document.

January 6 2016 Inventor (Signature)

Daniel Vetters
Inventor (Printed Name)

#### ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.:	27163-244288
Client Reference No.:	RCA11548

## ASSIGNMENT

	For good and valuable consideration, the receipt of which is hereby acknowledged,		
Name(s) of Inventor(s)	Eugene Clemens		
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled		
Title of Application	GAS TURBINE ENGINE WITH HEALTH MONITORING SYSTEM		
Serial No.: Filing Date:	15/000,636 01/19/2016		
	the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to		
Name of Assignee	Rolls-Royce Corporation		
Address of	450 S. Meridian Street		
Assignee Business	Indianapolis, Indiana 46225		
Insert State of Incorporation (if applicable) or "Not Applicable"	a corporation of <u>Delaware</u>		

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, all inventions disclosed therein, and any and all Letters Patent of the United States and of all other countries that may be granted for such inventions, all rights in such Letters Patent to be held and enjoyed by Assignee for its own use and enjoyement to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors had this assignment not been made.

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The Assignors hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent & Trademark Office for recordation of this document.

8/7/2017	Eugene Clemens
Date	Inventor (Signature)
	Eugene Clemens Inventor (Printed Name)