# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AARON D. SIPPEL	05/02/2017
DAVID J. THOMAS	04/23/2019

# **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:	15277575

### **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	27163-258262/RCA11497
NAME OF SUBMITTER:	SAMUEL C. GIESTING
SIGNATURE:	/SCG/
DATE SIGNED:	08/01/2019

# **Total Attachments: 4**

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PATENT 505600829 REEL: 049929 FRAME: 0176

Attorney Docket No.:	27163-258262
Client Reference No.:	RCA11497

# ASSIGNMENT

	For good and valuable consideration, the receipt of which is hereby acknowledged,	
Name(s) of Inventor(s)	Aaron D. Sippel	
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled	
Title of Application	TURBINE SHROUD WITH SEALING FEATURES	
Serial No.: Filing Date:	15/277,575 09/27/2016	
	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	

(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.

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.

PATENT REEL: 049929 FRAME: 0177 The Assignors agree to perform any and all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire patent protection, with specifications and claims in such form as shall be approved by Assignee, and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

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.

	ey of record the power to insert on this assignment any further identification which may the the rules of the United States Patent & Trademark Office for recordation of this
document.	Digitally signed by: Aaron Sippel  DN: CN = Aaron Sippel email =  aaron.sippel@rolls-royce.com C =  US O = Rolls-Royce  Date: 2017.05.02 09:19:39 -05'00'
Date	Inventor (Signature)
	Aaron D. Sippel Inventor (Printed Name)

#### ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.:	27163-258262
Client Reference No.:	RCA11497

# ASSIGNMENT

	For good and valuable consideration, the receipt of which is hereby acknowledged,	
Name(s) of Inventor(s)	David J. Thomas	
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled	
Title of Application	TURBINE SHROUD WITH SEALING FEATURES	
Serial No.: Filing Date:	15/277,575 09/27/2016	
	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 Delaware	

(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.

PATENT REEL: 049929 FRAME: 0179

RECORDED: 08/01/2019

The Assignors agree to perform any and all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire patent protection, with specifications and claims in such form as shall be approved by Assignee, and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

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.

4/23/2019	Vavid J. Thomas
Date	Inventor (Signature)
	David J. Thomas
	Inventor (Printed Name)