# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4268926

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
DOUGLAS D. DIERKSMEIER	01/19/2017
EDWARD C. RICE	01/19/2017
STEVEN W. TOMLINSON	01/24/2017
BRADLEY E. AUKER	01/18/2017
DONALD KLEMEN	01/27/2017

## **RECEIVING PARTY DATA**

Name:	ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC.
Street Address:	2059 S. TIBBS AVENUE
City:	INDIANAPOLIS
State/Country:	INDIANA
Postal Code:	46241

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15418186

## **CORRESPONDENCE DATA**

**Fax Number:** (317)231-7433

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: aholt@btlaw.com

Correspondent Name: BARNES & THORNBURG LLP Address Line 1: 11 S. MERIDIAN STREET

Address Line 4: INDIANAPOLIS, INDIANA 46204

<b>ATTORNEY DOCKET NUMBER:</b> 27163-258499/LWA11556	
NAME OF SUBMITTER:	SAMUEL C. GIESTING
SIGNATURE:	/SCG/
DATE SIGNED:	02/10/2017

**Total Attachments: 10** 

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PATENT REEL: 041222 FRAME: 0438

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PATENT REEL: 041222 FRAME: 0439

Attorr	iey Docket	No.:2	7163-258	499
Client	Reference	No. L	WA1155	5

	For good and valuable consideration, the receipt of which is hereby acknowledged,
Name(s) of Inventor(s)	Douglas D. Dierksmeier
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled
Title of Application	INLET TURBINE AND TRANSMISSION FOR HIGH-MACH ENGINES
Serial No.: Filing Date:	15/418,186
Name of Assignee	Rolls-Royce North American Technologies, Inc.
Address of Assignee	2059 S. Tibbs Ave.
Business	Indianapolis, Indiana 46241
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.

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 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.

JAN 19, 2017	Don't DDL
)ate	Inventor (Signature)
	Douglas D. Dierksmeier Inventor (Printed)

8NDS02 130219341

Attorney Docket No.:	27163-258499
Client Reference No.:	LWA11556

	For good and valuable consideration, the receipt of which is hereby acknowledged,
Name(s) of Inventor(s)	Edward C. Rice
	maker(s) of an invention which is the subject of an application for Letters Patent of the United State ("Application") entitled
Title of Application	INLET TURBINE AND TRANSMISSION FOR HIGH-MACH ENGINES
Serial No.: Filing Date:	15/418,186 01/27/2017
	the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to
Name of Assignee	Rolls-Royce North American Technologies, Inc.
Address of Assignee Business	2059 S. Tibbs Ave.  Indianapolis, Indiana 46241
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.

19 - JAN - 2017
Date

Edward C. Rice

Inventor (Printed)

INDS02 1302193v1

Attorney	Docket	No.:	27163-25	8499	
		No.:			

	For good and valuable consideration, the receipt of which is hereby acknowledged,
Name(s) of inventor(s)	Steven W. Tomlinson
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled
Title of Application	INLET TURBINE AND TRANSMISSION FOR HIGH-MACH ENGINES
Serial No.:	15/418,186
Filing Date:	01/27/2017
Name of Assignee	the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to  Rolls-Royce North American Technologies, Inc.
Address of	2059 S. Tibbs Ave.
Assignee Business	Indianapolis, Indiana_46241
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.

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: 041222 FRAME: 0444

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.

Inventor (Printed)

1/29/2017	Slund Tooler
Date	Inventor (Signature)
	Steven W. Tomlinson

Attorney Docket No.:	27163-258499
Client Reference No.:	LWA11556

	For good and valuable consideration, the receipt of which is hereby acknowledged,
Name(s) of Inventor(s)	Bradley E. Auker
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled
Title of Application	INLET TURBINE AND TRANSMISSION FOR HIGH-MACH ENGINES
Serial No.: Filing Date:	15/418,186 01/27/2016
	the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to
Name of Assignee	Rolls-Royce North American Technologies, Inc.
Address of Assignee	2059 S. Tibbs Ave.
Business	Indianapolis, Indiana 46241
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 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.

18 JAN 17

inventor (Signature)

Bradley E. Auker

Inventor (Printed)

INDS02 1302193v1

Attorney Docket No.:	27163-258499
Client Reference No.:	LWA11556

	For good and valuable consideration, the receipt of which is hereby acknowledged,
Name(s) of Inventor(s)	Donald Klemen
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled
Title of Application	INLET TURBINE AND TRANSMISSION FOR HIGH-MACH ENGINES
Serial No.: Filing Date:	15/418,186 01/27/2017
	the undersigned (hereinafter "Assignors") hereby sell(s), assign(s), and set(s) over to
Name of Assignee	Rolls-Royce North American Technologies, Inc.
Address of Assignee	2059 S. Tibbs Ave.
Business	Indianapolis, Indiana 46241
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.

27Jan2017

Da

Inventor (Signature

Donald Klemen

Inventor (Printed)

donald.klemen@ Digitally signed by rolls-royce.com

donald.klemen@rolls-royce.com DN: cn=donald.klemen@rolls-royce.com Date: 2017.01.27 14:07:17 -05'00'

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