503654433 01/19/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEAN-MARC SIERING	10/19/2015
KLAUS HELMING	11/02/2015

RECEIVING PARTY DATA

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Street Address: ESCHENWEG 11	
City: BLANKENFELDE-MAHLOW	
State/Country: GERMANY	
Postal Code:	15827

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14958363		

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NAME OF SUBMITTER:	TIMOTHY J. KLIMA
SIGNATURE:	/TIMOTHY J. KLIMA/
DATE SIGNED:	01/19/2016

Total Attachments: 1

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PATENT 503654433 REEL: 037522 FRAME: 0508

NONPROVISIONAL PATENT ASSIGNMENT

Please return signed/recorded to:

Attorney Docket No. 20560-0848

[Customer Number: 23486] Shuttleworth & Ingersoll, PLC 115 3rd Street SE, Suite 500

Cedar Rapids, IA 52401

Phone: (319) 365-9461 Fax: (319) 365-8443

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In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT	1.	Jean-Marc SIERING	4.	
NAME(S) OF	2.	Klaus HELMING	5.	
INVENTOR(S)	3.			X box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT	Rolls-Royce Deutschland Ltd & Co KG
NAME(S) OF	Eschenweg 11
ASSIGNEE(S)	15827 Blankenfelde-Mahlow
ADDRESS(ES)	GERMANY

(hereinafter designated "ASSIGNEE") the entire right, title and interest in the invention and all applications including any and all previously filed applications; any and all future divisions, continuations, substitutes, reissues, foreign and PCT applications thereof; and all resulting patents, known as

INVENTION TITLE	ARRANGEMENT AND METHOD FOR BLOWING-OFF COMPRESSOR AIR IN A JET ENGINE
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for which the undersigned executed an application for Letters Patents of the United States of America:

	on even date herewith				
\boxtimes	U.S. Appln. No.	14/882,917	filed on	October 14, 2015	

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

The undersigned hereby authorize(s) Shuttleworth & Ingersoll, PLC of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR	DATE SIGNED	<u>WITNESS</u>
Jan My Line	1 9. OKT. 2015	Mandahi L
Name: Jean-Mare-STERING	0 2. NOV. 2015	Alxaedo UZ
Name: Klaus HELMING		Alexandra Weiher

PATENT REEL: 037522 FRAME: 0509

RECORDED: 01/19/2016