504926875 05/23/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
MATTHIJS VAN DER WOUDE	09/14/2015

RECEIVING PARTY DATA

Name:	ame: ROLLS-ROYCE DEUTSCHLAND LTD & CO KG	
Street Address:	ESCHENWEG 11	
City:	BLANKENFELDE-MAHLOW	
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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14847463		

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ATTORNEY DOCKET NUMBER:	20560-0861-2
NAME OF SUBMITTER:	TIMOTHY J. KLIMA
SIGNATURE:	/TIMOTHY J. KLIMA/
DATE SIGNED:	05/23/2018

Total Attachments: 1

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PATENT REEL: 045878 FRAME: 0554

NONPROVISIONAL PATENT ASSIGNMENT

Please return signed/recorded to:

Attorney Docket No. 20560-0861-2

[Customer Number: 23486] Shuttleworth & Ingersoll, PLC 115 3rd Street SE, Suite 500 Cedar Rapids, IA 52401

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

Email: uspto@shuttleworthlaw.com

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.	Matthijs VAN DER WOUDE	4.	
NAME(S) OF	2.		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	AIR GUIDING DEVICE AND TURBO ENGINE WITH AIR GUIDING DEVICE			

for which the undersigned executed an application for Letters Patents of the United States of America:

	on even date herewi	n even date herewith		
\boxtimes	U.S. Appln. No.	14/847,463	filed on	September 8, 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.

DATE SIGNED INVENTOR

Name: Matthijs VAN DER WOUDE

RECORDED: 05/23/2018

PATENT

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