503101049 12/15/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JUERGEN BEIER	12/12/2014

RECEIVING PARTY DATA

Name:	ROLLS-ROYCE DEUTSCHLAND LTD & CO KG	
Street Address:	ESCHENWEG 11	
City:	BLANKENFELDE-MAHLOW	
State/Country:	GERMANY	
Postal Code:	15827	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14570423		

CORRESPONDENCE DATA

Fax Number: (319)365-8443

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.

Phone: 3193659461

Email: uspto@shuttleworthlaw.com

Correspondent Name: TIMOTHY J. KLIMA

Address Line 1: PO BOX 2107

Address Line 4: CEDAR RAPIDS, IOWA 52406

ATTORNEY DOCKET NUMBER:	20560-0821
NAME OF SUBMITTER:	TIMOTHY J. KLIMA
SIGNATURE:	/TIMOTHY J. KLIMA/
DATE SIGNED:	12/15/2014

Total Attachments: 1

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PATENT 503101049 REEL: 034508 FRAME: 0357

NONPROVISIONAL PATENT ASSIGNMENT

Please return signed/recorded to:

[Customer Number: 23486]

Shuttleworth & Ingersoll, PLC

Shuttleworth & Ingersoll, PLC 115 3rd Street SE, Suite 500

Cedar Rapids, IA 52401

Attorney Docket No. 20560-0821

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	5	Juergen BEIER	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	JET ENGINE DEVICE WITH AT LEAST ONE COMPONENT THAT IS ARRANGED IN A CASING AND THAT IS ROTATABLE TO THE CASING			

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

\boxtimes	on even date herewith			
	U.S. Appln. No.		filed on	

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.

Name: Juergen BEIER

DATE SIGNED

WITNESS

1 2. DEZ. 2014

Alexandra Welher

PATENT
RECORDED: 12/15/2014 REEL: 034508 FRAME: 0358