

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>THOMAS DOERR</td> <td>10/11/2013</td> </tr> <tr> <td>LEIF RACKWITZ</td> <td>10/15/2013</td> </tr> <tr> <td>STEFAN PENZ</td> <td>10/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	THOMAS DOERR	10/11/2013	LEIF RACKWITZ	10/15/2013	STEFAN PENZ	10/15/2013
Name	Execution Date								
THOMAS DOERR	10/11/2013								
LEIF RACKWITZ	10/15/2013								
STEFAN PENZ	10/15/2013								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13947797</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13947797				
Property Type	Number								
Application Number:	13947797								
CORRESPONDENCE DATA									
Fax Number:	(319)365-8443								
Phone:	3193659461								
Email:	uspto@shuttleworthlaw.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	TIMOTHY J. KLIMA								
Address Line 1:	P.O. BOX 2107								
Address Line 4:	CEDAR RAPIDS, IOWA 52406								
ATTORNEY DOCKET NUMBER:	20560-0754								
NAME OF SUBMITTER:	TIMOTHY J. KLIMA								
Signature:	/TIMOTHY J. KLIMA/								
Date:	10/15/2013								
Total Attachments: 1 source=Assignment#page1.tif									

OP \$40.00 13947797

NONPROVISIONAL PATENT ASSIGNMENT

Please return signed/recorded to:

Attorney Docket No. 20560-0754

[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 NAME(S) OF INVENTOR(S)	1. Thomas DOERR	4.	
	2. Leif RACKWITZ	5.	
	3. Stefan PENZ	<input type="checkbox"/>	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 NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	Rolls-Royce Deutschland Ltd & Co KG
	Eschenweg 11
	15827 Blankenfelde-Mahlow
	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	Gas-turbine combustion chamber with mixing air orifices and chutes in modular design
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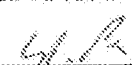
for which the undersigned executed an application for Letters Patents of the United States of America:

<input type="checkbox"/>	on even date herewith		
<input checked="" type="checkbox"/>	U.S. Appln. No.	13/947,797	filed on July 22, 2013


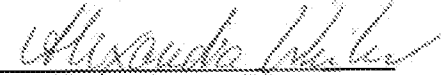
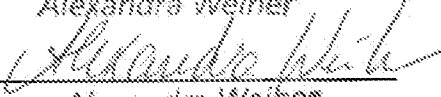
AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said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

 Name: Thomas DOERR

 Name: Leif RACKWITZ

 Name: Stefan PENZ

DATE SIGNED
 11 Oct 2013
 15. OKT. 2013
 2013-10-15

WITNESS

 Alexandra Wehner

 Alexandra Wehner

 Alexandra Wehner

PATENT