

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2706477

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>RUEDIGER OESSENICH</td> <td>01/27/2014</td> </tr> <tr> <td>ALEXANDER PABST</td> <td>01/30/2014</td> </tr> <tr> <td>OLE RENNER</td> <td>01/13/2014</td> </tr> <tr> <td>PEER STEELING</td> <td>01/13/2014</td> </tr> <tr> <td>MIRKO FILLER</td> <td>01/15/2014</td> </tr> <tr> <td>JOERG BEYER</td> <td>01/16/2014</td> </tr> </tbody> </table>		Name	Execution Date	RUEDIGER OESSENICH	01/27/2014	ALEXANDER PABST	01/30/2014	OLE RENNER	01/13/2014	PEER STEELING	01/13/2014	MIRKO FILLER	01/15/2014	JOERG BEYER	01/16/2014
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>ROLLS-ROYCE DEUTSCHLAND LTD & CO KG</td> </tr> <tr> <td>Street Address:</td> <td>ESCHENWEG 11</td> </tr> <tr> <td>City:</td> <td>BLANKENFELDE-MAHLOW</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>15827</td> </tr> </table>		Name:	ROLLS-ROYCE DEUTSCHLAND LTD & CO KG	Street Address:	ESCHENWEG 11	City:	BLANKENFELDE-MAHLOW	State/Country:	GERMANY	Postal Code:	15827				
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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>14076847</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14076847										
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Application Number:	14076847														
CORRESPONDENCE DATA															
Fax Number:	(319)365-8443														
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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:	PO BOX 2107														
Address Line 4:	CEDAR RAPIDS, IOWA 52406														
NAME OF SUBMITTER:	TIMOTHY J. KLIMA														
Signature:	/TIMOTHY J. KLIMA/														

PATENT

Date:

01/30/2014

Total Attachments: 2

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NONPROVISIONAL PATENT ASSIGNMENT

Please return signed/recorded to:

Attorney Docket No. 20560-0777

[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.	Ruediger OESSENICH	4.	Peer STEELING
	2.	Alexander PABST	5.	Mirko FILLER
	3.	Ole RENNER	6.	Joerg BEYER

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	Method for manufacturing a shaft of a gas-turbine engine, in particular a radial shaft or a shaft arranged at an angle to the machine axis
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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. 14/076,847 filed on November 11, 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


DATE SIGNED

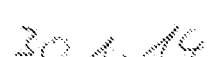
WITNESS


Name: Ruediger OESSENICH


23.7.14




Name: Alexander PABST



30.1.14



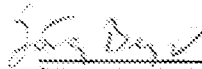
PATENT

REEL: 032097 FRAME: 0032


Name: Ole RENNER


Name: Peer STEELING


Name: Mirko FILLER


Name: Joerg BEYER

15.01.2016

13.01.2014

15.01.2014

16.01.2014

