505139598 10/12/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GIDEON DANIEL VENTER	09/27/2018
MICHAEL SCHACHT	09/17/2018

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:	16159012		

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

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Correspondent Name: TIMOTHY J. KLIMA

Address Line 1: PO BOX 2107

Address Line 4: CEDAR RAPIDS, IOWA 52406

ATTORNEY DOCKET NUMBER:	20560-1046
NAME OF SUBMITTER:	TIMOTHY J. KLIMA
SIGNATURE:	/TIMOTHY J. KLIMA/
DATE SIGNED:	10/12/2018

Total Attachments: 2

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PATENT 505139598 REEL: 047150 FRAME: 0505

NONPROVISIONAL PATENT ASSIGNMENT

Assignee Reference No. EM 80302 // 20560-1046

Please return notice of recordation to:

[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

For good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged by the undersigned, to wit:

INSERT	1	Gideon Daniel VENTER 4	-
INVENTOR	2	Michael SCHACHT 5	7
NAME(S)	3	X box if continued on page 2	-

the undersigned hereby sell(s), assign(s) and transfer(s) unto and at the request of:

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

(hereinafter "ASSIGNEE"), the entire right, title and interest in the invention in the United States ("US"), its territorial possessions and all foreign countries, including all applications therefor, including any and all previously filed applications, and any and all future divisions, continuations, substitutes, reissues, renewals, foreign and PCT applications thereof (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from said applications), and any and all resulting patents, the invention known as:

	/FNTION		
		I AIRCRAFT WITH A JET ENGINE	
717			

The undersigned hereby authorize(s) and request(s) patent office officials in the US, its territorial possessions and all foreign countries, to issue any and all said patents to ASSIGNEE (including its successors and assigns) for its sole use and benefit; the undersigned agree(s) that the attorney of record in said applications shall hereinafter act on behalf of ASSIGNEE (including its successors and assigns).

The undersigned hereby agree(s) to testify, make oaths, execute papers and assist in any manner ASSIGNEE (including its successors and assigns) and its representatives, as deemed necessary by ASSIGNEE (including its successors and assigns) for ASSIGNEE'S (including its successors and assigns) full protection and title in and to the invention in the US, its territorial possessions and all foreign countries.

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 A	DATE SIGNED	<u>WITNESS</u>
<u> </u>	27.09.2018	
Name: Gideon Daniel VENTER		SAMORA LANC
		ì
Name: Michael SCHACHT		

PATENT REEL: 047150 FRAME: 0506

NONPROVISIONAL PATENT ASSIGNMENT

Assignee Reference No. EM 80302 // 20560-1046

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[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

For good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged by the undersigned, to wit:

- 15	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	enerija servenski se	**********	amananiiiii	 iimiimiimiimii		
: 3	INSERT	1 Daniel	Gideon V	ENTER	4	4	ì
- 3			***********	************	 	<u> </u>	3
3	INVENTOR	2 Michae	el SCHACI	HT	5	5	
		3				X box if continued on page 2	

the undersigned hereby sell(s), assign(s) and transfer(s) unto and at the request of:

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ASSIGNEE(S)	Eschenweg 11
NAME & ADDRESS	15827 Blankenfelde-Mahlow
	GERMANY

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INVENTION AIRCRAFT WITH A JET ENGINE

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

<u>INVENTOR</u> <u>DATE SIGNED</u> <u>WITNESS</u>

***************************************		<i></i>
Name: Daniel Gideon VENTER	•	
A. Sach	79.09.2018	UF ROV
Name: Michael SCHACHT		

PATENT REEL: 047150 FRAME: 0507

RECORDED: 10/12/2018