504481279 07/31/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4527981

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MALTE WURDAK	06/19/2017
ULRICH GOTZIG	06/19/2017

RECEIVING PARTY DATA

Name:	AIRBUS DS GMBH
Street Address:	ROBERT-KOCH-STRASSE 1
City:	TAUFKIRCHEN
State/Country:	GERMANY
Postal Code:	82024

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15598468

CORRESPONDENCE DATA

Fax Number:

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: 312-360-0080

Email: ptomail@gbclaw.net

Correspondent Name: GREER, BURNS & CRAIN, LTD

Address Line 1: 300 S. WACKER DR.

Address Line 2: SUITE 2500

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	5449.128755
NAME OF SUBMITTER:	KEVIN W. GUYNN
SIGNATURE:	/KEVIN W. GUYNN/
DATE SIGNED: 07/31/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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> PATENT REEL: 043145 FRAME: 0814

504481279

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

Attorney, Docket No.

5449,128765

Airbus Reference No.

9A-139 440 - US

Title of the Invention ("invention")

Rocket propulsion system and method for operating a rocket propulsion system

Legal Name of Inventor

("inventor")

Males WURDAK

Assignee ("Assignee")

Airbus DS GmbH, incorporated or otherwise formed in Germany, having a place of business at Robert-Koch-

Strasse 1, 82024 Taufkirchen, Germany

DECLARATION

As named inventor, I hereby declare that:

This declaration is directed to:

X United States Application Identified with the above Title and attorney docket number: 5449.128755

that the above-identified Application laives made or authorized to be made by me;

that I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application, and

that I hereby acknowledge that any witful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

IN ADDITION TO MAKING THIS DECLARATION, WHEREAS the Assignee is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, my entire right, title and interest in the above-identified Application.

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged. I agree to assign, and hereby do assign, to Assignee my entire right, title and interest in and to the Application in the United States of America and all other countries, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, conversion, non-provisional, substituts, release, re-examination certificate following Inter Partes Review, certificate following Post Grant Review, all other applications claiming priority to or benefit of the Application pursuant to any law or treaty, and any patent assuing from any of the foregoing. I agree to assign, and hereby do assign, to Assignee the right to claim such priority or banefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Application to a third party. I hereby suthorize the U.S. Petent and Trademark Office, and any other governmental agency in the world, to issue to Assignee all patents resulting from the Application and to record Assignee's ownership thereof. At Assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at Assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect Assignee's rights in the Application. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the Assignee may affix its signature to this document as well as any other indicis of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a prevision most closely reflecting the purpose of the offending provision

(Signsture)

WARNING

According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the centents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in

An Application Data Sheet (PTD/SB/14 or Equivalent) naming the entire inventiveness entity must accompany this form unless previously submitted.

> PATENT **REEL: 043145 FRAME: 0815**

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

Attorney, Docket No.

5449,128755

Airbus Reference No.

9A-139 440 - US

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Legal Name of Inventor ("Inventor")

Uirleh GOTZIG

Assignee ("Assignee")

Airbus DS GmbH, incorporated or otherwise formed in Germany, having a piace of business at Robert-Koch-

Strasse 1, 82024 Taufkirchen, Germany

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As named inventor, I hereby declare that

This declaration is directed to:

X United States Application identified with the above Title and attorney docket number: \$449.128765

that the above-identified Application is/was made or authorized to be made by ma;

that I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and

that I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

IN ADDITION TO MAKING THIS DECLARATION, WHEREAS the Assignee is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, my entire right, title and interest in the above-identified Application.

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged. I agree to assign, and hereby do assign, to Assignee my entire right, title and interest in and to the Application in the United States of America and all other countries, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, conversion, non-provisional, substitute, reissue, re-examination certificate following their Partes Review, certificate following Post Grant Review, all other applications claiming priority to or benefit of the Application pursuant to any law or treaty, and any patent issuing from any of the foregoing. I agree to assign, and hereby do assign, to Assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Application to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to Assignee all patents resulting from the Application and to record Assignee's ownership thereof. At Assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at Assignee's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect Assignee's rights in the Application. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the Assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the

19.06.2017 (Date)

WARNING

(Šignature)

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An Application Data Sheet (PTO/SB/14 or Equivalent) naming the entire inventiveness entity must accompany this form unless previously submitted.

PATENT REEL: 043145 FRAME: 0816

RECORDED: 07/31/2017