505998886 04/03/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6045596

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HANS-GERHARD GIESA	03/20/2020
MICHAEL BAUER	03/20/2020

RECEIVING PARTY DATA

Name:	AIRBUS OPERATIONS GMBH
Street Address:	KREETSLAG 10
City:	HAMBURG
State/Country:	GERMANY
Postal Code:	21129

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16838303

CORRESPONDENCE DATA

Fax Number: (312)360-9315

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	5438.140593
NAME OF SUBMITTER:	KEVIN W. GUYNN
SIGNATURE:	/Kevin W. Guynn/
DATE SIGNED:	04/03/2020

Total Attachments: 2 source=1638920#page1.tif source=1638920#page2.tif

> **PATENT** REEL: 052304 FRAME: 0245 505998886

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

Attorney, Docket No. 5438.140593 Airbus Reference No. 14778-HS-NP

Legal Name of Inventor Hans-Gerhard GIESA

("Inventor")

Airbus Operations GmbH, incorporated or otherwise formed in Germany, having a place of business at Assignee ("Assignee")

Kreetslag 10, 21129 Hamburg, Germany

DECLARATION

As named inventor. I hereby declare that:

This declaration is directed to:

X United States Application identified with the above attorney docket number; \$438,140593

that the above-identified Application is/was 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 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. Lagree 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 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 issuing from any of the foregoing. I agree to assign, and hereby do assign, to Assignee the right to plaim 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 Lagree, 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 offending provision.

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 contents 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 1.58

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

> **PATENT REEL: 052304 FRAME: 0246**

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

Attorney, Docket No. 5438,140593

Airbus Reference No.

14778-US-NP

Legal Name of Inventor ("Inventor") Michael BAUER

Assignee ("Assignee")

Airbus Operations GmbH, incorporated or otherwise formed in Germany, having a place of business at Kreetslag 10, 21129 Hamburg, Germany

DECLARATION

As named inventor, I hereby declare that:

This declaration is directed to:

X United States Application identified with the above attorney docket number: 5438.140593

that the above-identified Application is/was 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 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 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 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 indica 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

20/03/20 (Date)

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 contents 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 1.56."

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

PATENT

REEL: 052304 FRAME: 0247

RECORDED: 04/03/2020