## 504869944 04/16/2018

EPAS ID: PAT4916684

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PETER TURANSKI	04/05/2012
HEINZ-PETER BUSCH	04/05/2012
BEREND SCHOKE	04/10/2012
WILKO ÖSTEREICH	04/12/2012

#### **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:	15951398

### CORRESPONDENCE DATA

**Fax Number:** (908)654-0415

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.

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ATTORNEY DOCKET NUMBER:	AIRBUS 3.9-396 CON DIV
NAME OF SUBMITTER:	KATHLEEN REYNOLDS
SIGNATURE:	/Kathleen Reynolds/
DATE SIGNED:	04/16/2018

#### **Total Attachments: 4**

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PATENT REEL: 045549 FRAME: 0498

	former PTO/SB/16 (B-00) Modified LOLKAM
A Line of the Mark Mark Control of the Control of t	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	AIRBUS 3.9-396 CON
Whereas, I, Peter Turanski	af
Kirchfeld 15; 27305 Süstedt, Germany	
hereafter referred to as assignor, have with others invented certs USE OF INORGANIC PARTICLES TO PRODUCE A COMPONENTS	ain new and useful improvements in . BARRIER LAYER ON AIRCRAFT
X for which an application for a United States Letters Pate Application Number 13/456,549	1
for which an application for a United States Letters Pater	
x for which an International Application was filed on	******
PCT/EP2010/064999 , designating the United	States.
And	
Whereas, Airbus Operations GmbH	
a corporation of <u>Germany</u> herein referred to as "assignee" whos Kreetslag 10, 21129 Hamburg, Germany	
is desirous of acquiring the entire right, title and interest in the se	ime;
Is acknowledged, and other good and valuable consideration, assignee my entire right, title and interest for the United Statinvention and the aforesald utility patent application and all capplications and patents applied for or granted therefor in the said invention, including without limitation all applications and patents application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for it legal representatives, and including the right to claim such price trademarks is hereby authorized and requested to issue all pesaid assignee herein, as assignee of the entire interest it representatives, helts and assignee of the entire interest it representatives, helts and assignee or its assigns, to communication, divisional, continuation, reissue and other applications assignments thereof to said assignee or its assigns, to communication to the undersigned respecting said improvements, when legal proceedings in which any of said applications or patents all rightful paths, and to do generally everything necessary to a obtain patent protection for said improvements in all countries, and paid by said assignee.	es of America and all other countries in and to said original, divisional, continuation, substitute or refesue United States of America and all other countries, for atents for said invention claiming priority or benefit of ind including all claims for damages by reason of past is own use and the use of its successors, assigns and ority or benefit and the Commissioner of Patents and atents on said improvements or resulting therefrom to herein; and the undersigned for me and my legal int without further remuneration, to execute and deliver ons for Letters Patent on said improvements and all inicate to said assignee or its representatives all facts ever requested, to testify in any interferences or other may become involved, to sign all lawful papers, make id assignee, its successors, assigns and nominees to the expenses incident to said applications to be borne
And I do hereby authorize my attorneys to insert on this deed the when known.	a filing date and application number of said application
05.04. 2012	Vhah
Date	Peter Turanski
Rust	
Witness Bu 5 c h	
Typed Nema of Mitnese	

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Inmat PTO/6B/15 (8-00) Modified LDLKAM Docket Number (Optional) ASSIGNMENT OF UTILITY APPLICATION **AIRBUS 3.9-396 CON** Whereas, I, Heinz-Peter Busch Elbestr, 4, 28844 Weyhe, Germany hereafter referred to as assignor, have with others invented certain new and useful improvements in USE OF INORGANIC PARTICLES TO PRODUCE A BARRIER LAYER ON AIRCRAFT COMPONENTS x for which an application for a United States Letters Patent was filed on April 26, 2012 Application Number 13/456,549 for which an application for a United States Letters Patent was executed by me on for which an International Application was filed on October 7, 2010 , as PCT/EP2010/064999 , designating the United States. And Whereas, Airbus Operations GmbH a corporation of Germany herein referred to as "assignce" whose mailing eddress is Kreetslag 10, 21129 Hamburg, Germany is desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one 1.00 ), the receipt whereof dollar (\$ is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or bonefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful caths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee. And I do hereby authorize my attorneys to insert on this deed the filling date and application number of said application when known. DESTERENCH Typed Name of Witness

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\*Total of

forms are submitted.

Docket Number (Optional) ASSIGNMENT OF UTILITY APPLICATION **AIRBUS 3,9-396 CON** Whereas, I. Berend Schoke Ruessen 10, 27239 Twistringen, Germany hereafter referred to as assignor, have with others invented certain new and useful improvements in USE OF INORGANIC PARTICLES TO PRODUCE A BARRIER LAYER ON AIRCRAFT COMPONENTS x for which an application for a United States Latters Patent was filed on April 26, 2012 Application Number 13/456,549 for which an application for a United States Letters Patent was executed by me on x for which an international Application was filed on October 7, 2010 , as PCT/EP2010/064999 , designating the United States. And Whereas, Airbus Operations GmbH a corporation of Germany herein referred to as "assignee" whose mailing address is Kreetslag 10, 21129 Hamburg, Germany is desirous of acquiring the entire right, title and interest in the same; 1.00 ), the receipt whereof one dollar (\$ NOW, THEREFORE, in consideration of the sum of is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesald utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and dollver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be bome and paid by said assignee. And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known. Berend Schoke JIMENEZ Typed Name of Witness

LD-515/

\*Total of

forms are submitted.

fermer PTO/SB/15 (8-00) Modified LCLKSM

former PYO/S8/15 (8-00) Modified LOLK&M Docket Number (Optional) ASSIGNMENT OF UTILITY APPLICATION **AIRBUS 3.9-396 CON** Whereas, I. Wilko Östereich Taubenstr. 4, 28857 Syke-Barrien, Germany hereafter referred to as assignor, have with others invented certain new and useful improvements in USE OF INORGANIC PARTICLES TO PRODUCE A BARRIER LAYER ON AIRCRAFT COMPONENTS x for which an application for a United States Letters Patent was filed on \_\_\_\_April 26, 2012 Application Number 13/456,549 for which an application for a United States Letters Patent was executed by me on x for which an International Application was filed on October 7, 2010 as PCT/EP2010/064999 , designating the United States. And Whereas, Airbus Operations GmbH a corporation of Germany herein referred to as "assignee" whose malling address is Kreetslag 10, 21129 Hamburg, Germany is desirous of acquiring the entire right, title and interest in the same; ), the receipt whereaf NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00 is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said Invention and the aforesald utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesald utility application pursuant to any law or treaty, and including all claims for damages by reason of past intringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be bome and paid by said assignee. And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known. Wilko Östereich

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RECORDED: 04/16/2018

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