PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3085347

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LOTHAR KROLL	04/01/2014
FRANK SCHUBERT	04/01/2014
SEBASTIAN BLUEMER	04/01/2014
GERHARD HUMMEL	04/23/2014

RECEIVING PARTY DATA

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City:	HAMBURG	
State/Country:	GERMANY	
Postal Code:	D-21129	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14199556

CORRESPONDENCE DATA

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JENKINS, WILSON, TAYLOR & HUNT, P.A. **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	1843/44/2
NAME OF SUBMITTER:	JEFFREY L. WILSON
SIGNATURE:	/jeffrey I. wilson/
DATE SIGNED:	10/29/2014

Total Attachments: 4

source=Assignments All 1843-44-2#page1.tif source=Assignments_All_1843-44-2#page2.tif

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Attorney, Dacket No. 1843/44/2 Airbus Reference No. ADDITIVE LAYER MANUFACTURING METHOD FOR PRODUCING A THREE-DIMENSIONAL OBJECT Title of the Invention ("invention") AND THREE-DIMENSIONAL OBJECT Legal Name of Inventor Lothar Kroll ("Inventor") Assignee ("Assignee") Airbus Operations GmbH, incorporated or otherwise formed in Germany, and having a place of business at Krestslag 10 D-21129 Hamburg, Germany DECLARATION As named inventor. I hereby declare that: This declaration is directed to: The attached Application ÒR United States Application Number or PCT International Application Number 14/199,556 filed on March 6, 2014 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 memortalizing 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. Fost 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 Laware of an obligation to convey, my rights in the Application to a third party. I hereby authorize the U.S. Patent and Tradamark 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 t 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 offending aravision. 0 f. 04, **14** (Date) (Signature) WARNING According to 37 C.F.R. 1.63 (c), "[a] person may not execute an path 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

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

Attorney, Docket No.	1843/44/2	Airbus Reference No.	
Title of the invention ("Invention")	ADDITIVE LAYER MANUFACTURING METHOD FOR PRODUCING A THREE-DIMENSIONAL OBJECT AND THREE-DIMENSIONAL OBJECT		
Legal Name of Inventor ("Inventor")	Frank Schubert		
Assignee ("Assignee")	Airbus Operations GmbH, incorporated or Kreetslag 10 D-21129 Hamburg, Germany	otherwise formed in Germany, and having a place of business at	
	DECLARAT	<u>ion</u>	
As named inventor, I hereby decis	re that.		
This declaration is directed to. The attached Appli OR	cation		
United States Appl	ication Number or PCT International App L6, 2014	lication Number <u>14/199.556</u>	
that the above-identified Application	n is/was made or authorized to be made	by me;	
that I believe I am the original inve	inter or an original joint inventor of a clair	ned 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.			
	ASSIGNME	<u>NT</u>	
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 freaty, 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 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 berein it its acle 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.			
<u> 15.274</u> (Date)	······	(Signature)	
(mate)		(Signature)	
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.

Attomey, Docket No.	1843/44/2	Airbus Reference No.		
Title of the invention ("Invention")	ADDITIVE LAYER MANUFACTURING METHOD FOR PRODUCING A THREE-DIMENSIONAL OBJECT AND THREE-DIMENSIONAL OBJECT			
Legal Name of Inventor ("Inventor")	Sebastian Blümer			
Assignee ("Assignee")	Airbus Operations GmbH, incorporated or Kreetslag 10 D-21129 Hamburg, Germany	otherwise formed in Germany, and having a place of business at		
	DECLARAT	ION		
As named inventor, I hereby decis				
This declaration is directed to. The attached Appli OR United States Appl	cation			
	ication Number or PCT International App 16, 2014	Dication Number <u>14/199.556</u>		
that the above-identified Application	on is/was made or authorized to be made	e by me;		
•	* *	ned 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 (S) years, or both.				
	<u>ASSIGNMI</u>	<u>ent</u>		
IN ADDITION TO MAKING THIS DE	CLARATION, WHEREAS the Assignee is ire right, title and interest in the abovs-iden	desirous of acquiring, or has acquired and is desirous of memorializing lifted Application.		
Assignee my entire right, title and in inventions, discoveries and other su substitute, reissue, re-examination priority to or benefit of the Applicatio do assign, to Assignee the right to a third party. If to Assignee all patents resulting fror further remuneration, to execute and be reasonably required to evidence herein in its sole discretion. I agree to provisions hereof. If any provision hereof.	terest in and to the Application in the Uniter bject matter described therein, any division entificate following Inter Partes Review, cer in pursuant to any law or treaty, and any pa taim such priority or benefit. I have not pre- nereby authorize the U.S. Patent and Trade in the Application and to record Assignee's I deliver documents prepared at Assignee's protect Assignee's rights in the Application in at the Assignee may affix its signature to srein is unanforceable, the requirements of	is hereby acknowledged. I agree to assign, and hereby do assign, to if States of America and all other countries, including any and all at, continuation, continuation-in-part, conversion, non-provisional, tificate following. Post Grant Review, all other applications claiming tent issuing from any of the foregoing. I agree to assign, and hereby viously conveyed, nor am I aware of an obligation to convey, my rights mark Office, and any other governmental agency in the world, to issue ownership thereof. At Assignee's reasonable request I agree, without is expense and to provide other cooperation, such as testimony, as may on. Assignee may assign or transfer all or part of its rights set forth this document as well as any other indicts of its acceptance of the the provision shall remain to the full extent permissible by law and the his provision most closely reflecting the purpose of the offending		
		C 7/2-5		
Date)		S. C.———————————————————————————————————		
According to 37 C.F.R. 1.63 (c), "ja)	WARNIN person may not execute an ceth or declars			

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

Attorney, Docket No. 1843/44/2 Airbus Reference No. ADDITIVE LAYER MANUFACTURING METHOD FOR PRODUCING A THREE-DIMENSIONAL OBJECT Title of the invention ("Invention") AND THREE-DIMENSIONAL OBJECT Legal Name of Inventor Gerhard Hummel ("inventor") Assignee ("Assignee") Airbus Operations GmbH, incorporated or otherwise formed in Germany, and having a place of business at Kreetslag 10 D-21129 Hamburg, Germany DECLARATION As named inventor, I hereby declare that This declaration is directed to: The attached Application United States Application Number or PCT International Application Number 14/199,556 filed on March 6, 2014 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, releasue, re-examination certificate following linter Partes Review, certificate following. Post Grant Review, all other applications claiming priority to or benefit of the Application pursuant to any taw 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. There not previously conveyed, nor am Laware 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 Lagrae, without further remuneration, to execute and deliver documents prepared at Assigned'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 <u>25.04.2014</u> (Date) (Signature) WARNING According to 37 C.F.R. 1.63 (c), '[a] person may not execute an ooth 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

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

RECORDED: 10/29/2014