### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Version v1.1 EPAS ID: PAT5559351

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JAVIER TORAL VÁZQUEZ	06/05/2019
DIEGO FOLCH CORTES	05/13/2019
ESTEBAN MARTINO GONZALEZ	09/05/2018
PABLO GOYA ABAURREA	05/09/2019
VASILLIS VOTSIOS	06/05/2019

#### **RECEIVING PARTY DATA**

Name:	AIRBUS OPERATIONS, S.L.
Street Address:	AV. JOHN LENNON S/N
City:	GETAFE (MADRID)
State/Country:	SPAIN
Postal Code:	28906

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14975338

#### **CORRESPONDENCE DATA**

**Fax Number:** (919)419-0383

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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djones@jwth.com

Correspondent Name: JEFFREY L. WILSON, JENKINS, WILSON, TAYLOR & HUNT

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Address Line 2: SUITE 550

Address Line 4: MORRISVILLE, NORTH CAROLINA 27560

ATTORNEY DOCKET NUMBER:	3029/400/3
NAME OF SUBMITTER:	DEBRA C. JONES
SIGNATURE:	/Debra C. Jones/
DATE SIGNED:	06/06/2019

**Total Attachments: 5** 

source=AAF\_P11148US00\_DECLARATION JAVIER TORAL#page1.tif source=AAF\_P11148US00\_DECLARATION DIEGO FOLCH#page1.tif source=AAF\_P11148US00\_DECLARATION ESTEBAN MARTINO#page1.tif source=AAF\_P11148US00\_DECLARATION PABLO GOYA#page1.tif source=AAF\_P11148US00\_DECLARATION VASILIS VOTSIUS#page1.tif

Attorney Docket No.	3029/400/3	Airbus Reference No.	P11148US00
Title of the Invention ("Invention")	DEVICE FOR A PROPELLER BLA	DE	
Legal Name of Inventor ("Inventor")	Javier TORAL VÁZQUEZ		
Assignee ("Assignee")	Airbus Operations, S.L., incorporated o John Lennon, s/n E-28906 Getafe, Mad		having a place of business at Paseo
	DECLARA	ATION	
As named inventor, I hereby deck	are that:		
This declaration is directed to:	*a*		
The attached Appl	ication		
	lication Number or PCT International Actember 18, 2015	pplication Number 14/97	75,338
that the above-identified Applicati	on is/was made or authorized to be ma	ade by me;	
that I believe I am the original inve	entor or an original joint inventor of a c	laimed invention in the above-io	dentified 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.			
	<u>ASSIGNI</u>	<u>MENT</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 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 offending provision.			
5/06/2019			
(Date)	ababab	(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.

Attorney Docket No.	3029/400/3	Airbus Reference No.	P11148US00
Title of the Invention ("Invention")	DEVICE FOR A PROPELLER I	BLADE	
Legal Name of Inventor			
("Inventor")	Diego FOLCH CORTES		
Assignee ("Assignee")	Airbus Operations, S.L., incorporate John Lennon, s/n E-28906 Getafe,		I having a place of business at Paseo
	<u>DECI</u>	<u>ARATION</u>	
As named inventoral hereby dec	lare that:		
This declaration is directed to:			
The attached App	dication	4	
United States App	olication Number or PCT Internation speember 18, 2015	al Application Number14/5	975,338
that the above-identified Applicat	tion is/was made or authorized to be	e made by me;	
that I believe I am the original in	ventor or an original joint inventor of	a claimed invention in the above-	identified Application; and
that I hereby acknowledge that a imprisonment of not more than fi	iny willful false statement made in ti ve (5) years, or both.	nis declaration is punishable unde	r 18 U.S.C. 1001 by fine or
	ASS	IGNMENT	
IN ADDITION TO MAKING THIS DECLARATION, WHEREAS the Assignee is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further harein, 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 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.			
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### COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET

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Attorney Docket No.	3029/400/3	Airbus Reference No.	P11148US00
Title of the Invention ("Invention")	DEVICE FOR A PROPELLER BL	ADE	
Legal Name of Inventor ("Inventor")	Esteban MARTINO GONZALEZ		
Assignee ("Assignee")	Airbus Operations, S.L., incorporated John Lennon, s/n E-28906 Getafe, Ma		d having a place of business at Paseo
	,	RATION	
As named inventor, I hereby decl	are that:		
This declaration is directed to:	are mar.		
The attached App	lication		
10000000	lication Number or PCT International	Application Number14/5	975,338
	cember 18, 2015		
that the above-identified Applicat	ion is/was made or authorized to be n	lade by me;	
that I believe I am the original inv	entor or an original joint inventor of a	claimed invention in the above-	identified Application; and
that I hereby acknowledge that a imprisonment of not more than fiv	ny willful false statement made in this ve (5) years, or both.	declaration is punishable under	r 18 U.S.C. 1001 by fine or
	ASSIG	<u>NMENT</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 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 provision.  (Signature)			
	WAR  ] person may not execute an oath or ded d is aware of the duty to disclose to the	claration unless the person has re	eviewed and understands the contents of material to patentability as defined in

Attorney Docket No.	3029/400/3	Airbus Reference No.	P11148US00
Title of the Invention ("Invention")	DEVICE FOR A PROPELLER BLA	<b>NDE</b>	
Legal Name of Inventor ("Inventor")	Pablo GOYA ABAURREA		
Assignee ("Assignee")	Airbus Operations, S.L., incorporated of John Lennon, s/n E-28906 Getafe, Mad	r otherwise formed in Spain, and Irid, Spain	having a place of business at Paseo
	DECLAR	•	
that the above-identified Application that I believe I am the original inve		ide by me; aimed invention in the above-id	entified Application; and
imprisonment of not more than five	e (5) years, or both.		8 U.S.C. 1001 by fine or
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 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 offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the			
<u> </u>	<u> </u>		
	WARNII	(Signature)	
he application, including claims and i	erson may not execute an oath or declar s aware of the duty to disclose to the Off	auon uniess the person has revieice all information known to be ma	wed and understands the contents of aterial to patentability as defined in

Attorney Docket No.	3029/400/3 Airbus Reference No. P11148US00		
Title of the Invention ("Invention")	DEVICE FOR A PROPELLER BLADE		
Legal Name of Inventor			
("Inventor")	Vasillis VOTSIOS		
Assignee ("Assignee")	Airbus Operations, S.L., incorporated or otherwise formed in Spain, and having a place of business at Paseo John Lennon, s/n E-28906 Getafe, Madrid, Spain		
	DECLARATION		
As named inventor, I hereby decl	are that:		
This declaration is directed to:			
The attached Appl	ication		
	lication Number or PCT International Application Number 14/975,338		
	<u>cember 18, 2015</u> .		
that the above-identified Applicati	on is/was made or authorized to be made by me;		
that I believe I am the original inve	entor 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 16 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
	<u>ASSIGNMENT</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 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 protions thereof shall be deemed replaced, to the extent possible, with a provision meet closely reflecting the purpose of the offending provision.			
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PATENT REEL: 049395 FRAME: 0477

RECORDED: 06/06/2019