### 505265074 01/07/2019

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5311846

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JUAN LOPEZ	11/20/2018
VALENTIN KRETZSCHMAR	11/22/2018
EMILIE CLAUDEL	11/22/2018

#### **RECEIVING PARTY DATA**

Name:	AIRBUS OPERATIONS (SAS)	
Street Address:	316 ROUTE DE BAYONNE	
City:	TOULOUSE	
State/Country:	FRANCE	
Postal Code:	31060	

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

Property Type	Number
Application Number:	16192580

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)816-4100

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.

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

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Address Line 2: NIXON & VANDERHYE P.C.
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ATTORNEY DOCKET NUMBER:	JHN-5761-113
NAME OF SUBMITTER:	JEFFRY H. NELSON
SIGNATURE:	/JEFFRY H. NELSON/
DATE SIGNED:	01/07/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 3**

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PATENT 505265074 REEL: 047919 FRAME: 0073

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PATENT REEL: 047919 FRAME: 0074

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

Attorney Docket No. JHN-5751-113	Airbus Reference No. 13277
Title of the invention ("Invention"): SYSTEM FOR BROADCASTING A TEMPORAL REFERENCE IN AN AIRCRAFT	
	er.
Legal Name of Inventor ("Inventor"): Juan LOPEZ	
Airbus Operations (S.A.S.), (hereinafter "Assignee") incorporated or otherwise formed in Toulouse, France, and having a place of business at 316 route de Bayonns, Toulouse, France 31060.	
DECLARAT	ION
As named inventor, I hereby declare that:	
This declaration is directed to:	
The attached Application	
United States Application Number fied on November 15, 2018	16/192580
filed on November 15, 2018  ihat the above-identified Application is/was made or authorized to be made	by ms:
that I believe I am the original inventor 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 deci imprisonment of not more than five (5) years, or both.	· · · · · · · · · · · · · · · · · · ·
ASSIGNMI	ENT
IN ADDITION TO MAKING THIS DECLARATION, WHEREAS the Assigns memorializing its acquisition further herein, my entire right, title and interes	e is desirous of acquiring, or has acquired and is desirous of f in the above-identified Application.
NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby adknowledged. 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, relissue, 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. Fetent 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.	
<u> </u>	LOPEZ (SupetOre)
WARNIN	6
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 1.66."	

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

PATENT REEL: 047919 FRAME: 0075

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

Atterney Docket No. JHN-5761-113	Airbus Reference No. 13277
Title of the Invention ("invention"): SYSTEM FOR BROADCASTING A	TEMPORAL REFERENCE IN AN AIRCRAFT
,	w.
Legal Name of Inventor ("inventor"): Valentin KRETZSCHMAR	
Airbus Operations (S.A.S.), (hereinafter "Assignee") incorporated or otherwise formed in Toulouse, France, and having a place of businese at 316 route de Bayonne, Toulouse, France 31660.	
QE	CLARATION
As named inventor, I hereby declare that:	
This declaration is directed to:	
The attached Application	
X United States Application Number	16/192580
filed on November 15, 2018	
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 destrous of acquiring, or has acquired and is destrous 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-hepart, conversion, non-previsional, substitute, reisaule, 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 faw 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 a 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 provision.	
27/1//18 (Date)	
(Date)	(Sersive) Valentin KRETZSERMAR
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: 047919 FRAME: 0076

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

Attorney Docket No. JHN-5761-113	Airbus Reference No. 13277
Title of the Invention ("Invention"): SYSTEM FOR BROADCASTING A TEMPORAL REFERENCE IN AN AIRCRAFT	
Legal Name of Inventor ("inventor"): Emilie CLAUDEL	
Airbus Operations (S.A.S.), (hereinafter "Assignee") inc 316 route de Bayonne, Toulouse, France 31060.	orporated or otherwise formed in Toulouse, France, and having a place of business at
	DECLARATION
As named inventor, I hereby declare that:	
This declaration is directed to:	
The attached Application	
OR  X United States Application Number	16/192580
filed on November 15, 2018	130) ( 042 030
that the above-identified Application is/was made or autho	rized to be made by me;
that I believe I am the original inventor or an original joint i	inventor of a claimed invention in the above-identified Application; and
that I hereby acknowledge that any willful false statement imprisonment of not more than five (5) years, or both.	made in this declaration is punishable under 18 U.S.C. 1001 by fine or ASSIGNMENT
	ACOMMICH)
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.	
	Emilie CLAUGE (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.

PATENT REEL: 047919 FRAME: 0077

**RECORDED: 01/07/2019**