506841752 08/27/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6888573

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRISANTO QUINTANA SANCHEZ	08/16/2021
GAVIN ERRY	08/23/2021
YOANN THUEUX	08/16/2021

RECEIVING PARTY DATA

Name:	AIRBUS SAS
Street Address:	2, ROND POINT EMILE DEWOITINE
City:	BLAGNAC
State/Country:	FRANCE
Postal Code:	31700

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17459696

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.

Phone: 7038164000

Email: ptomail@nixonvan.com **NIXON & VANDERHYE PC Correspondent Name:**

Address Line 1: 901 NORTH GLEBE ROAD, 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	JHN-5065-728
NAME OF SUBMITTER:	JEFFRY H. NELSON
SIGNATURE:	/Jeffry H. Nelson/
DATE SIGNED:	08/27/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=5065-728 Declaration Assignment Executed#page1.tif source=5065-728 Declaration Assignment Executed#page2.tif source=5065-728 Declaration Assignment Executed#page3.tif

PATENT REEL: 057314 FRAME: 0540 506841752

Doc code: Oath Document Description: Oath or declaration filed		rià a de 1900
And the second section of an analysis than	Attorney Docket Number	Airbus ref: [5817
	First Named Inventor	QUINTANA SANCHEZ Crisanto
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILIT USING AN APPLICATION DATA		
Declaration Submitted With Initial Filing OR	Conduct for or it is a	
Declaration Submitted After Initial Filing (surcharge (37 C.F.R.	§ 1.16(f)) required)	
FREE SPACE OPTICAL COMMUI	NICATIONS TERMINAL	
(Title of the Inven	tion)	
As a below named inventor, I hereby declare that:		
This declaration is directed to: the attached application, or United States Application Number , filed , or PCT International application number filed on		
The above-identified application was made or authorized to be made by m	ne.	
I believe I am the original inventor or an original joint inventor of a claimed	invention in the application.	
I hereby acknowledge that any willful false statement made in this declarate by fine or imprisonment of not more than five (5) years, or both.	tion is punishable under 18	U.S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inver	ntion in the Application ident	lifled above.
WHEREAS, AIRBUS SAS (hereinafter ASSIGNEE), an entity, having an or 31700 Blagnac, France, is desirous of acquiring an interest therein;	office and place of business	at 2, Rond Point Emile Dewoitine,
NOW, THEREFORE, in consideration of good and valuable consideration, acknowledged, the ASSIGNOR by these presents has and/or does sell, as assigns, and legal representatives, ASSIGNOR'S entire right, title and inte in and to the invention as described in the aforesaid application, and to the thereon including any and all continuations, divisions, reissues, and substituent with the right of priority under the International Convention for the Protection Patents, Designs and Industrial Models, and any other international agenthe ASSIGNOR hereby authorizes and requests the Commissioner of Patents, and Industrial Models, its successors, assigns, and legal ASSIGNEE, for its Interest as ASSIGNEE, its successors, assigns, and legal ASSIGNEE'S attorneys have represented only ASSIGNEE and will continue.	ssign, and transfer unto the strest in the United States of a said application and to all states of said application, and of Industrial Property, Intreements to which the United and Trademarks to issugal representatives. It is under	said ASSIGNEE, its successors, America and all foreign countries, subsequent applications based id all resulting patents, together er-American Convention Relating if States of America adheres, and lie said Letters Patent to derstood and agreed that
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;		
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its succe to ASSIGNEE'S full protection and title in and to the invention hereby trans		apresentatives, deemed essential
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furth ASSIGNEE, for the filling and granting of foreign applications and the perfe	er remuneration, to execute acting of title thereto in ASSI	any and all papers desired by GNEE.
AGREED and executed as noted below:		
LEGAL NAME OF INVENTOR/JOINT INVENTOR:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname Crisanto QUINTANA SANCHEZ	?)	
Inventor's Signature:	Date: 16 - 08 -	~ > 1
Witnessed by: Name: STEVE BELABBAS	1 0 0	Eur. 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9

i/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1,56,

Signature of witness:

Date:

16/08/2021

Doc code: Oath Document Description: Oath or declaration filed		Alithus ref. 15817.
a double of the second	Attorney Docket Number	
	First Named Inventor	QUINTANA SANCHEZ Crisanto
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILIT USING AN APPLICATION DATA		
Declaration Submitted With Initial Filing	,	
OR		
Declaration Submitted After Initial Filing (surcharge (37 C.F.R	. § 1.16(f)) required)	***************************************
FREE SPACE OPTICAL COMMU		
(Title of the Inver	ntion)	NNA/WARAANI/AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
As a below named inventor, I hereby declare that:		
This declaration is directed to: the attached application, or United States Application Number , filed , or PCT International application number filed on .		
The above-identified application was made or authorized to be made by n	ne.	
i believe i am the original inventor or an original joint inventor of a claimed	d invention in the application.	•
I hereby acknowledge that any willful false statement made in this declaraby fine or imprisonment of not more than five (5) years, or both.	ation is punishable under 18	U.S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inve	ention in the Application ident	lified above.
WHEREAS, AIRBUS SAS (hereinafter ASSIGNEE), an entity, having an 31700 Blagnac, France, is desirous of acquiring an interest therein;	office and place of business	at 2, Rond Point Emile Dewoltine,
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged, the ASSIGNOR by these presents has and/or does sell, a assigns, and legal representatives, ASSIGNOR'S entire right, title and interior in and to the invention as described in the aforesaid application, and to the thereon including any and all continuations, divisions, reissues, and substitute right of priority under the international Convention for the Protection Patents, Designs and Industrial Models, and any other international age the ASSIGNOR hereby authorizes and requests the Commissioner of Patents, for its interest as ASSIGNEE, its successors, assigns, and le ASSIGNEE'S attorneys have represented only ASSIGNEE and will continuations.	issign, and transfer unto the serest in the United States of a said application and to all stitutes of said application, and ion of Industrial Property, Interements to which the United tents and Trademarks to issuingal representatives. It is under	said ASSIGNEE, its successors, America and all foreign countries, subsequent applications based d all resulting patents, together er-American Convention Relating d States of America acheres, and le said Letters Patent to derstood and agreed that
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;		
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its success to ASSIGNEE'S full protection and title in and to the invention hereby trans		epresentatives, deemed essential
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furth ASSIGNEE, for the filing and granting of foreign applications and the perfections.		
AGREED and executed as noted below:		
LEGAL NAME OF INVENTOR/JOINT INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname	***************************************	
. (E.g., Given Name (ilist and middle (il any)) and camily mame or comains	-1	
· -	e)	
	Date: 23/8/2	1

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Signature of witness:

Date:

23/8/21

Doc code: Oath		
Document Description: Oath or declaration filed	Attorney Declark Mumber	Airbus ref. 15817
	Attorney Docket Number First Named Inventor	OLIVATE AND CANOLINE OF
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILIT	J	QUINTANA SANCHEZ Crisanto
USING AN APPLICATION DATA		APPLICATION (37 CFR 1.03)
Declaration Submitted With Initial Filing	,	
Declaration Submitted After Initial Filing (surcharge (37 C.F.R	. § 1.16(f)) required)	
FREE SPACE OPTICAL COMMU	NICATIONS TERMINAL	
(Title of the Inver	ntion)	
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
the attached application, or United States Application Number , filed , or		
PCT International application number filed on .		
The above-identified application was made or authorized to be made by r	ne.	
I believe I am the original inventor or an original joint inventor of a claimed	d invention in the application.	
I hereby acknowledge that any willful false statement made in this declarate by fine or imprisonment of not more than five (5) years, or both.	ation is punishable under 18 t	J.S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.		
WHEREAS, AIRBUS SAS (hereinafter ASSIGNEE), an entity, having an office and place of business at 2, Rond Point Emile Dewoitine, 31700 Blagnac, France, is desirous of acquiring an interest therein;		
NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR by these presents has and/or does sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives. ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the international Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's attorneys have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;		
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;		
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and		
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furti ASSIGNEE, for the filing and granting of foreign applications and the performance.	ner remuneration, to execute ecting of title thereto in ASSIC	any and all papers desired by SNEE.
AGREED and executed as noted below:		
LEGAL NAME OF INVENTOR/JOINT INVENTOR:		***************************************
(E.g., Given Name (first and middle (if any)) and Family Name or Surnam Yoann THUEUX	e)	
Inventor's Signature:	Date:	5-08-21
Witnessed by: 1500 Name: Steve Belabbas	, ,	***************************************

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

PATENT REEL: 057314 FRAME: 0543

16/08/2021

RECORDED: 08/27/2021

Signature of witness:

BeLabbas