507604981 11/17/2022 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7651872

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
			Name		Execution Date	
PATRICK ANDRÉ BOI	LEAU				11/08/2022	
JEAN-PHILIPPE JORE	Т				11/08/2022	
VINCENT JEAN-FRAN	ÇOIS PE	YRON	1		11/08/2022	
GINA FERRIER					11/08/2022	
RECEIVING PARTY D	ΑΤΑ					
Name:	SAFR		CELLES			
Street Address:	ROUT	E DU	PONT VIII			
City:	GONF	REVIL	LE-L'ORCHER			
State/Country:	FRAN	CE				
Postal Code:	76700					
	S Total: 1	1				
Property Type			Number			
Application Number: 1799		1799	9180			
CORRESPONDENCE	DATA	(—)				
Fax Number:	ha aant t	• •	413-2220		ul it will be cont	
using a fax number, if	f provide	d; if th	e-mail address first; if that is uns hat is unsuccessful, it will be sen	t via US	Mail.	
Phone:	•		413-3000			
Email:		aasm	hith@oblon.com			
Correspondent Name			DN, ET AL.			
Address Line 1:			DUKE STREET			
Address Line 4:		ALEX	(ANDRIA, VIRGINIA 22314			
ATTORNEY DOCKET N	IUMBER:		545747US			
NAME OF SUBMITTER:		AMIYA SMITH				
SIGNATURE:		/AMIYA SMITH/				
DATE SIGNED:		11/17/2022				
Fotal Attachments: 4						
source=545747US_Assignments#page1.tif						
source=545747US_Assi	-					
source=545747US_Assignments#page3.tif						

C2 - Restricted / No

National Secret

Ref. 8-023122

Worldwide Assignment & US Declaration (37 CFR 1.63) for utility or design application using an application data sheet (37 CFR 1.76)

As a below named inventor, I hereby declare that, I

Title of Invention (in French)

Inventor Name	Complete Address
BOILEAU, Patrick André	SAFRAN, c/o Centre d'Excellence Propriété intellectuelle, Rond-point René Ravaud-Réau 77550 MOISSY-CRAMAYEL, France

(Hereinafter referred to as the Assignor) have made an invention entitled:

Title of Invention (in English)

for which an application for Letters Patent has been filed in the following country:

 Country		Senal Number
France	QS/20/2020	2005229
	65/18/2021	PCT/FR2021/050873

The above-identified application(s) was/were made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

AND, WHEREAS,

Corporation Name	Camplete Address
SAFRAN NACELLES	Route du Pont VIII 76700 Gonfreville-L'Orcher France
[

(Hereinafter referred to as the Assignee[s]) is/are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned applications for Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One EURO (€1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee[s] is hereby acknowledged, by these presents, I, the Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee[s], its/their lawful successors and assigns, my entire right, title, and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all applications for Letters Patent that may be granted thereon, and all reissues thereof, and all applications for Letters Patent that may be granted on this invention in any country and all enters Patent that may be granted on this invention in any country and all enters Patent that may be granted on this invention in any country and all enters patent that may be granted on this invention in any country and all enters patent that may be granted on this invention in any country and all enters patent that may be granted on this invention in any country and all enters patent that may be granted on this invention in any country and all extensions, renewals, and relevants, and request the Commissioners of Patents for other appropriate official whose duty is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignee[s], its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will communicate with the Assignee[s], its/their successors and assigns, any facts known to me respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee[s], its/their successors or assigns, execute all divisional, continuation, reissue, and reexamination applications, make all rightful oaths and generally do everything possible to aid the Assignee[s], its/their successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether I am in the employ of the Assignee[s] or its/their affiliates, any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignee[s], its/their successors, and assigns.

This Assignment agreement is effective as of the earliest tiling date mentioned above.

AND, I/WE 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.

IN TESTIMONY WHEREOF, I HAVE SIGNED:

08/11/2022	Inventor I BOILEAU, IA AAR NEL IN	Nome & Signature	Wheen Nome & Sh Boilley 1	gnature Salwood _A Français
		<u> </u>	يم	The second secon
				¥

PATENT REEL: 061816 FRAME: 0284

C2 - Restricted / No National Secret

Ref. 8-023122

Worldwide Assignment & US Declaration (37 CFR 1.63) for utility or design application using an application data sheet (37 CFR 1.76)

As a below named inventor, I hereby de	eclare that, I	
Inventor Name	Complete Address	
JORET, Jean-Philippe	SAFRAN, c/o Centre d'Excellence Propriété 77550 MOISSY-CRAMAYEL, France	Intellectuelle, Rond-point René Ravaud-Réau
(Hereinafter referred to as the Assignor) have made an invention entitled:	
Title of invention (in English)		
Title of Invention (in French)		

for which an application for Letters Patent has been filed in the following country:

Country	Filing Date	Serial Number
France	05/20/2020	2005229
РСТ	05/18/2021	PCT/FR2021/050873

The above-identified application(s) was/were made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

AND, WHEREAS,

IN TESTIMONY WHEREOF, I HAVE SIGNED-

Corporation Name	Complete Address
SAFRAN NACELLES	Route du Pont VIII 76700 Gonfreville-L'Orcher France

(Hereinafter referred to as the Assignee[s]) is/are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned applications for Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One EURO (€1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee[s] is hereby acknowledged, by these presents, I, the Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee[s], its/their lawful successors and assigns, my entire right, title, and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that may be granted on this invention in any country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioners of Patents for other appropriate official whose duty is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignee[s], its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will communicate with the Assignee[s], its/their successors and assigns, any facts known to me respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee[s], its/their successors or assigns, execute all divisional, continuation, reissue, and reexamination applications, make all rightful oaths and generally do everything possible to aid the Assignee[s], its/their successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether I am in the employ of the Assignee[s] or its/their affiliates, any expanse incident to the performance of the obligations of the present paragraph shall be borne by the Assignee[s], its/their successors, and assigns.

This Assignment agreement is effective as of the earliest filing date mentioned above.

AND, I/WE 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.

Date	Place	Inventor Name & Signature	Witness Name & Signature
08/11/2022	Le Havre	JORET, Jean-Philippe	CHATELAS Catherine

PATENT REEL: 061816 FRAME: 0285

Ref. B-023122

Worldwide Assignment & US Declaration (37 CFR 1.63) for utility or design application using an application data sheet (37 CFR 1.76)

As a below named inventor, I hereby declare that, I

Inventor Name		Complete Address
PEYRON, Vincent Je	an-François	SAFRAN, c/o Centre d'Excellence Propriété Intellectuelle, Rond-point René Ravaud-Réau 77550 MOISSY-CRAMAYEL, France
Alexandra and the second second		

Hereinafter referred to as the Assignor) have made an invention entitled: Title of Invention (in English)

Title of Invention (in French)

for which an application for Letters Patent has been filed in the following country:

	Country	Filing Date	Serial Number
- 3	a name	05/20/2020	2005229
		05/18/2021	PCT/FR2021/050873

The above-identified application(s) was/were made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

AND, WHEREAS,

Corporation Name	Complete Address	
	Route du Pont VIII 76700 Gonfreville-L'Orcher France	

(Hereinafter referred to as the Assignee[s]) is/are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned applications for Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One EURO (£1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee[s] is hereby acknowledged, by these presents, I, the Assigner, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto the Assignee[s], its/their lawful successors and assigns, my entire right, title, and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all Letters Patent that may be granted thereon, and all reissues thereof, and all rights to claim priority on these of such applications, and all applications for Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that may be granted on this invention in any country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignee[s], its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will communicate with the Assignee[s], its/their successors and assigns, any facts known to me respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee[s], its/their successors or assigns, execute all divisional, continuation, reissue, and reexamination applications, make all rightful oaths and generally do everything possible to aid the Assignee[s], its/their successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether I am in the employ of the Assignee[s] or its/their affiliates, any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignee[s], its/their successors, and assigns.

This Assignment agreement is effective as of the earliest filing date mentioned above.

AND, I/WE 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.

IN TESTIMONY WHEREOF, I HAVE SIGNED:

Sec. 1	Date	Place	inventor Name & Signature	Witness Name & Signature	
winese.		LE MAYRE(FRANCE)	PEYRON, Vincent Jean-Fransois	BREBION Ben jour in	
	08/11/2022		attended to be a second and a		
and the second				Cart and the second second	
Ļ			Construction of the second	8	

PATENT REEL: 061816 FRAME: 0286

C2 - Restricted / No National Secret

Ref. 8-023122

Worldwide Assignment & US Declaration (37 CFR 1.63) for utility or design application using an application data sheet (37 CFR 1.76)

As a below named inventor, i hereby de	clare that, I					
inventor Name	Complete Address					
FERRIER, Gina	SAFRAN, c/o Centre d'Excellence Propriété Intellectuelle, Rond-point René Ravaud-Réau 77550 MOISSY-CRAMAYEL, France					
(Hereinafter referred to as the Assignor) have made an invention entitled:					
Title of invention (in English)						
Title of Invention (in French)						
for which an application for Letters Pate	ant has been filed in the following country					

ş	Country	Filing Date	Serial Number
1000000	France	05/20/2020	2005229
a destruction of		05/18/2021	PCT/FR2021/050873

The above-identified application(s) was/were made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

AND, WHEREAS,

AND, WACKERS,	
Corporation Name	Complete Address
SAFRAN NACELLES	Route du Pont VIII 76700 Gonfreville-L'Orcher France

(Hereinafter referred to as the Assignee(s)) is/are desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the aforementioned applications for Letters Patent on this invention and the Letters Patent to be issued upon these applications;

NOW THEREFORE, be it known that for and in consideration of One EURO (≤ 1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignee[s] is hereby acknowledged, by these presents, i, the Assignor, have sold, assigned, transferred, and set over, and do hereby soll, assign, transfer and set over unto the Assignee[s], its/their lawful successors and assigns, my entire right, title, and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all tetters Patent that may be granted thereon, and all reissues thereof, and all applications for Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that may hereafter be filed for this invention in any country and all Letters Patent that results thereof; and it hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty is to issue patents) of the United States, Canada, and any other country, to issue Letters Patent for this invention to the Assignee[s], its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will communicate with the Assignee[s], its/their successors and assigns, any facts known to me respecting this invention, testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee[s], its/their successors or assigns, execute all divisional, continuation, reissue, and reexamination applications, make all rightful oaths and generally do everything possible to aid the Assignee[s], its/their successors and assigns, to obtain and enforce proper patent protection for this invention in any country, it being understood that, irrespective of whether I am in the employ of the Assignee[s] or its/their affiliates, any expense incident to the performance of the obligations of the present paragraph shall be borne by the Assignee[s], its/their successors, and assigns.

This Assignment agreement is effective as of the earliest filing date mentioned above.

AND, I/WE HEREBY acknowledge that any wiliful 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.

IN TESTIMONY WHEREOF, I HAVE SIGNED:

Date Place Inventor Name & Signature Witness Name & Signature	000000000000000000000000000000000000000
	01C

RECORDED: 11/17/2022