10/12/2021 506917907

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6964742

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SÉBASTIEN PHILIPPE RAZAKARIVONY	02/17/2021
CHRISTOPHE FAVRE	02/17/2021
JULIEN JOSEPH	02/17/2021
JEAN LAMOUROUX	02/17/2021

RECEIVING PARTY DATA

Name:	SAFRAN	
Street Address:	2 BOULEVARD DU GÉNÉRAL MARTIAL VALIN	
City:	PARIS	
State/Country:	FRANCE	
Postal Code:	75015	
Name:	SAFRAN HELICOPTER ENGINES	
Street Address:	SAFRAN HELICOPTER ENGINES	
City:	BORDES	
State/Country:	FRANCE	
Postal Code:	64510	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17603227	

CORRESPONDENCE DATA

Fax Number: (703)770-7901

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: 703-770-7900

Email: maggie.barham@pillsburylaw.com

PILLSBURY WINTHROP SHAW PITTMAN, LLP **Correspondent Name:**

Address Line 1: P.O. BOX 10500

Address Line 4: MCLEAN, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	022044-0563305
NAME OF SUBMITTER:	MARGARET BARHAM

PATENT REEL: 057768 FRAME: 0222 506917907

SIGNATURE:	/Margaret Barham/	
DATE SIGNED:	10/12/2021	
Total Attachments: 4		
source=022044-0563305_Declaration_Assignment#page1.tif		
source=022044-0563305_Declaration_Assignment#page2.tif		
source=022044-0563305_Declaration_Assignment#page3.tif		
source=022044-0563305_Declaration_Assignment#page4.tif		

PATENT REEL: 057768 FRAME: 0223

Pet 8-021611

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		
RAZAKARIVONY, Sébastien Philippe	c/o Safran CEPI, rond-	oint René Ravaud – Réau 77550 MOISSY-CRAMAVEL FRANCE	
(Hereinafter referred to as the Assignor) have	made an invention entitled:	The second secon	
Title of Invention (iii English)			

Title of Invention (in French)			***************************************
for which an application for Letters Patent ha			
Country	Filing Date	Serial Number	
France	04/18/2019	1904149	
<u> </u>			***************************************
I		1	

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
SAFRAN	2 Boulevard Du Général Martial Valin 75015 Paris France
1	
SAFRAN HELICOPTER ENGINES	64510 Bordes, France
<u> </u>	

(Mereinafter 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 letters Patent that may hereafter be filed for this invention in any country and all tetters 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 re-examination applications, make all rightful paths 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/WII HEREBY acknowledge that any wilful faise 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:

Dote	Place	inventor Name & Signature	Witness Name & Signature
,)	VEL SURES	RAZAKARIVONY, Sébastien Philippe	HALLA VITOSITEIM
17/2/2021	eenice		Vidile

6-0241/7

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 Namo	Connolate Aridress
Carestana America	3 22.19.20.2.10.20.20.20.20.20.20.20.20.20.20.20.20.20
FAVRE Christophe	c/c Safran CEPL rond-Point René Ravaud - Réau 77550 MOISSY-CRAMAYEL FRANCE
1 Atta, Omanopie	OG OBIGIT OF I'V TOUR LIBITO LINE AND LONG I LONG INCIDES AND LONG INCIDES

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

Title of Invention (in English)	
100 of the original last to American	
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	04/18/2019	1904149
- Contractor			

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	ame Complete Address		
SAFRAN	2 Boulevard Du General Martial Valin 75015 Paris France		
SAFRAN HELICOPTER ENGINES	64510 Bordes, France		

(Hereinafter referred to as the Assignee(sl) 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 Assignæs[s] is hereby acknowledged, by these presents. I, the Assignæs, have sold, assigned, transferred, and set over unto the Assignæs[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 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 coverant 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 re-examination applications, make all rightful cathe 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 successors, 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:

Dala	Place	inventor Name & Signature	Witness Name & Signature
12/200		FAVRE, Christophe	BARGIARELLI, Juliette
14/2/10001	Briscous		-
Ì	France	7-2	

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

PATENT REEL: 057768 FRAME: 0225

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 Complete Address Inventor Name c/o Safran CEPI, rond-Point René Ravaud -- Réau 77550 MOISSY-CRAMAYEL FRANCE IOSEPH, Julien (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: Secial Number Filina Date Country 1904149 04/18/2019 France 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 2 Boulevard Du Général Martial Valin 75015 Paris France SAFRAN 54510 Bordes, France SAFRAN RELECOPTER ENGINES

(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, 1, 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 filled 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 fiftle to this invention in said Assignee[s], its/their successors or assigns, execute all divisional, continuation, reissue, and reexamination applications, make all rightful paths 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 Assigneelsi, its/their successors, and assigns.

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

AND, I/WE HERESY 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:

17/2/2021

inventor Name & Signature

JOSEPH, Julien

Witness Name & Signature

JOSEPH, CETIME BYLVIE

Worldwide Assignment & US Declaration (37 CFR 1.63)

REEL: 057768 FRAME: 0226

Ref. 8-021411

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				
LAMOUROUX, Jean	c/o Safran CEPI, rond	c/o Safran CEPI, rond-Point René Ravaud – Réau 77550 MOISSY-CRAMAYEL FRANCE			
(Hereinafter referred to as the A	ssignor) have made an invention entitled:				
Title of Invention (in English)					
Title of Invention (in French)					
for which an application for Lett	ers Patent has been filed in the following cou	unity:			
Country	Filing Date	Serial Number			

1904149

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.

04/18/2019

AND, WHEREAS,

Country France

Corporation Name	Complete Address 2 Boulevard Du Général Martial Valin 75015 Paris France		
SAFRAN	2 Boulevard Du Général Martial Valin 75015 Paris France		
SAFRAN HELICOPTER ENGINES	64510 Bordes, France		
55 1000			

(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 (C1.00) and other good and valuable consideration, the receipt and sufficiency of which from the Assignae(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 Assignae(s), its/their lawful successors and assigns, my entire right, little, 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 resissues 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 relissues 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 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, relissue, and re-examination 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:

- de	Date	Place	inventor Name & Signature	Witness Name & Signature
-	17/2/2021	ST. Think	LAMOUROUX, Jean	FAYRE Christophe

PATENT REEL: 057768 FRAME: 0227

RECORDED: 10/12/2021