507029344 12/15/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7076180

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CÉLIA IGLESIAS CANO	11/03/2020
VINCENT MARIE JACQUES RÉMI DE CARNÉ-CARNAVALET	11/03/2020
ANTOINE HUBERT MARIE JEAN MASSON	11/03/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17619505

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

Correspondent Name: PILLSBURY WINTHROP SHAW PITTMAN, LLP

Address Line 1: P.O. BOX 10500

Address Line 4: MCLEAN, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	022044-0565439
NAME OF SUBMITTER:	MARGARET BARHAM
SIGNATURE:	/Margaret Barham/
DATE SIGNED:	12/15/2021

Total Attachments: 3

source=022044-0565439_Declaration_Assignment#page1.tif source=022044-0565439_Declaration_Assignment#page2.tif source=022044-0565439_Declaration_Assignment#page3.tif

PATENT 507029344 REEL: 058401 FRAME: 0288

Ref. B-021800

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		
iGLESIAS CANO, Celia	c/o Safran CEPI, rond-	Point René Ravaud – Réau 77550 MOISSY-CRAMAYEL FRANCE	
Hereinafter referred to as the Assign	nor) have made an invention entitled:		
Title of Invention (in English)			
Title of invention (in French)			imi
there of martinguities exceed.		A CONTRACTOR OF THE CONTRACTOR	

or which an application for Letters P	atent has been filed in the following cou	ntry:	
or which an application for Letters P Country	atent has been filed in the following cou	ntry: 	

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 AIRCRAFT ENGINES	2 Boulevard Du General Martial Valin 75015 Paris France

1	

(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 (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 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 folse 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	}
harmin	021mla=2zz	Villenodne	iglesias cano, cella	MENGEY GARDINIAN	-
*******	- Marine		196-VI		*************
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PATENT

REEL: 058401 FRAME: 0289

Ref. 8-021800

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 dec	lare that, I	
inventor Name	Complete Address	
DE CARNÉ-CARNAVALET, Vincent Marie	Jacques Rémi c/o Safran CEPI, 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)		
Control Contro		
Title of Invention (in French)		
for which an application for Letters Pater	nt has been filed in the following co	er i vega annaganna andigina a an an an annagan an an
Country	Filing Date	Serial Number
France	06/20/2019	FR1906647
The above-identified application(s) was/v	were made or authorized to be mad	e by me.
believe that I am the original inventor o	r an original joint inventor of a clain	ned invention in the application.
and, whereas,		
Corporation Name	Complete Address	
Safran Aircraft Engines	2 Boulevard Du Genei	al Mertial Valin 75015 Paris 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 (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 destrable 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 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/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:

Date	Place	inventor Name & Signature	Witness Name & Signature
 08/14/2020	Villanoche	DE CARNÉ-CARNAVALET, Vincent Marie Jacques Rémi	DIENDONNE ENTE
			£*

PATENT

REEL: 058401 FRAME: 0290

Ref. B-021800

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

inventor Name		Complete Address		
MASSON, Antoine Hubert	Marie Jean	c/o Safran CEPI, rond-Point René Ravaud – Réau 77550 MOISSY-CRAMAYEL FRANCE		
(Hereinafter referred to as t	he Assignor) have made	an invention entitled:		
Title of Invention (in Engli	;fi}			
	***************************************	•••••		
		*************************************		•••••••••••••••••••••••••••••••••••••••
Title of Invention (in Frenc	h)	·····		
for which an application for	Lattare Datant has hose i	and in the fallowing courts		
process			Serial Number	
Country	***************************************	Filing Date 06/20/2019	FR1906647	
France		DOJ R DJ 2 D.C3	11123000-11	
The above-identified applica	tion(s) was/were made o	r authorized to be made by	/me.	
believe that I am the origin	al inventor or an original	joint inventor of a claimed	invention in the application	1.
and, whereas,				
Corporation Name		Complete Address		
SAFRAN AIRCRAFT ENGINE	S	2 Boulevard Ou General N	lardal Valin 75015 Paris Fr	ance

				in and to this invention in all countries throughout t
				stent to be issued upon these applications;
NOW THEREFORE	, be it known that for	and in consideration of C	one EURO (£1.00) and oth	er gond and valuable consideration, the receipt a sold, assigned, transferred, and set over, and do here
ell, assign, transfer and set	over unto the Assignee[s], its/their lawful successor	s and assigns, my entire rig	int, title, and interest in and to this invention and the
pplications, and all division	s, and continuations the	reof, and all Letters Pater	nt that may be granted the	ereon, and all reissues thereof, and all rights to cla
injority on these of such app	lications, and all applicat	ions for Letters Patent that d all extensions renewals	may hereafter be filed for and reissues thereof; and	this invention in any country and all Letters Patent th I hereby authorise and request the Commissioners
atents for other appropriat	e official whose duty is to	issue patents) of the Unite	ed States, Canada, and any	other country, to issue Letters Patent for this inventi
o the Assignee(s), its/their s				
AND, I HEREBY co greement in conflict with th		Il right to convey the intere	est assigned by this Assignn	nent, and I have not executed and will not execute a
_		an that I will communicate	with the Accionantel ite	ftheir successors and assigns, any facts known to r
especting this Invention, te	nther covenient and agr stify in any legal process	lings, sign all lawful papers	when called upon to do s	o, execute and deliver any and all papers that may
ecessary or desirable to pe	fect the title to this inve	ntion in said Assignee(s], i	s/their successors or assign	ns, execute all divisional, continuation, reissue, and I
xamination applications, m	ake all rightful oaths ar	d generally do everything	possible to aid the Assign	nee[s], its/their successors and assigns, to obtain a
ntorce proper patent prote	ction for this invention	in any country, it being un mance of the obligations of	derstood that, iffespective	of whether I am in the employ of the Assignee(s) If be borne by the Assignee(s), its/their successors, a
ssigns.	ow internation we are proceed that	manag at site ambanana at	and browning burnett after acco	
This Assignment a	greement is effective as	of the earliest filing date m	entioned above.	
		willful false statement ma	de in this declaration is pur	rishable under 18 U.S.C. 1001 by fine or imprisonme
f not more than five (5) yea	rs, or both.			
N TESTIMONY WHEREOF, I F	IAVE SIGNED:		Teconomic Control Cont	
Date	Piace	Inventor Name & Signatu	re	Witness Name & Signature
alina a	Villaroche	MASSON, Antoine Huber	t Marie Jean	MARCHELDIS
2/11/12020		\mathcal{A}		

PATENT

REEL: 058401 FRAME: 0291