PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5585658

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PATRICE ANDRÉ COMMARET	05/14/2019
ROMAIN NICOLAS LUNEL	05/14/2019
HARIS MUSAEFENDIC	05/14/2019

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:	16428326

CORRESPONDENCE DATA

Fax Number: (206)224-0779

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: (206)682-8100
Email: efiling@cojk.com

Correspondent Name: JENNIFER LYNN JUNKIN, ESQ.

Address Line 1: CHRISTENSEN O'CONNOR JOHNSON KINDNESS

Address Line 2:1201 THIRD AVENUE, SUITE 3600Address Line 4:SEATTLE, WASHINGTON 98101

ATTORNEY DOCKET NUMBER:	GVFR169497
NAME OF SUBMITTER:	PATRICIA WETTERLING
SIGNATURE:	/Patricia Wetterling/
DATE SIGNED:	06/21/2019

Total Attachments: 3

source=69497_Combined_Assignment_Declarations#page1.tif source=69497_Combined_Assignment_Declarations#page2.tif source=69497_Combined_Assignment_Declarations#page3.tif

PATENT 505538861 REEL: 049555 FRAME: 0046

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

	- Lata Colona Alexande Canimar DELA III. rand Delat Dund Devaud - Bane 77550 MARISSY PANAVEL BRANCE - L
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(Hereinafter referred to as the Assignor) have made an invention entitled:

Title of Invention (in English)					
COMBUSTION	CHAMBER	OF A T	UR BOTTA	ACHINE	
Title of Invention (in French)					
REINTRODUCTIC	TIN CITIE	The state of the s	managements a provide	OUS DE BO	

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

Country	Filing Date	innegative of the Schrift films are conference analysis and the second of the second o
Franca	06/04/2018	1854833

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

(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 (CLOO) 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 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:

Dote	[18] J. J. T. T. J. Phys. Lett. B 19, 127 (1997).	inventor Name & Signature	Witness Name & Signature
	Wells miles	COMMARET, Patrice André	schnell, have
May 14, 2019	A COMMISSION OF	Caus	Schwell

PATENT REEL: 049555 FRAME: 0047

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
LUNEL, Romain Nicoles	c/o Safran Aircraft Engines Pt (Alt), 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)	
COMBUSTION CHAMBER OF A TURBONACHINE	
Title of Invention (in French)	
REJUTRODUCTION AIR CHAUD DANS LES TROUS DE BOL	

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

Lountry	l Filina Date	Serial Number
France	06/04/2018	1854833

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

I balleve 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

(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, it he 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 reissues thereof, and all reissues thereof, and all 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.

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IN TESTIMONY WHEREOF, I HAVE SIGNED:

Dote	Place	inventor Name & Signature	CONTRACTOR INCOMES AND ASSESSMENT CONTRACTOR OF THE CONTRACTOR OF
	Villowke	EUNEL, Romain Nicolas	GRESLIN, Errymanud Sean André
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PATENT REEL: 049555 FRAME: 0048

Bef. B-020056

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

t inventor Name	
	1 X XXXX (XXXXXX PAXX
	- 1 - UV SHIBB ANCIRM EBRIBES PLIAID, TOOG-POINT ROLD REVAND ~ ROUD 77550 MATIESVIC DAMAAVSE COMMEC
	- 1 - GO DARON ANGGAN EDAMES P. GAME TODA-POWE NORD RAVANA RAME TITSO NACUGOV.CDANANGE COANCO
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(Hereinafter referred to as the Assignor) have made an invention entitled:

Title of Invention (in English)				
COMBUSTION	CHAMB	ER OF A	TURBOMACH	INE
Title of Invention (in French)				
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I believe that I am the original Inventor or an original joint Inventor of a claimed invention in the application.

AND, WHEREAS,

	Complete Address
Safran Airchaft Engines	2 Soulevard Du General Martial Valin 75025 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;

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IN TESTIMONY WHEREOF, I HAVE SIGNED:

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RECORDED: 06/21/2019