## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6916157

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JÉRÉMY JACQUES ATTILIO FANELLI	02/01/2020
ROMAIN PIERRE CARIOU	02/01/2021
VIANNEY SIMON	08/31/2021
BA-PHUC TANG	02/01/2020

### **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:	17439340

### 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:** MATTHEW D. BALINT, ESQ.

Address Line 1: CHRISTENSEN O'CONNOR JOHNSON KINDNESS

Address Line 2: 1201 THIRD AVENUE, SUITE 3600 Address Line 4: SEATTLE, WASHINGTON 98101-3029

ATTORNEY DOCKET NUMBER:	2094-P254US.PNP
NAME OF SUBMITTER:	CORENE LANMAN
SIGNATURE:	/Corene Lanman/
DATE SIGNED:	09/14/2021

### **Total Attachments: 4**

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Ref. B-021808

## 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

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C. Suntakan Minnan	Complete Address	
Inventor Name	Complete Augusts	
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		- 9
	c/o Safran CFPL rond-Point Bené Bayaud Réau 77550 MOISSY-CRAMAYEL FRANCE	- 2
FANELLI, Jérémy Jacques Attilio	CO Sallan CEPI. Dilly-rough half haved " need of rough words " chroming as him est.	
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(Hereinafter referred to as the Assignor) have made an invention entitled:

TURBINE ENGINE VANE PROVIDED WITH AI	N OPTIMIZED COOLING CIRCUIT	
Title of Invention (in French)		
18	I CIRCUIT DE REFROIDISSEMENT OPTIMISE	E

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

Country	Filing Date	Serial Number
Patent Cooperation Treaty		
	gg	

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 General Martial Valin 75015 Paris France
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, 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 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 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 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
02/01/2020	Gelveriuiers	FANELLI, Jérémy Jacques Attilio	en Delcoione
 	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

Ref. B-021808

# 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

	C. A. L. Maria Addition
inventor Mame	
	r/o Safran CFPL rond-Point René Rayaud Réau 77550 MOISSY-CRAMAYEL FRANCE
	🖟 c/a Safran CERL rond-Point Rané Rayauri Réau 77550 MOISSY-CRAMAYEL FRANCE

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

Title of invention (in English)	
TURBINE ENGINE VANE PROVIDED WITH AN OF	
Title of Invention (in French)	
AUBE DE TURBOMACHINE EQUIPEE D'	O'UN CIRCUIT DE REFROIDISSEMENT OPTIMISE
£	

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

Count	n	Filing Date	Senon Number
Paten	t Cooperation Treaty		***************************************

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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,

Corporation Name	Complete Address
SAFRAN AIRCRAFT ENGINES	2 Boulevard Du General Imartial 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;

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IN TESTIMONY WHEREOF, I HAVE SIGNED:

1	Date		inventor Name & Signature	Witness Name & Signature
			CARIOU, Romain Pierre	ROLLINGER, pamen
	02/01/2021			To alliant
				1 Agosti I
		<u></u>		1

Ref. 8-021808

## 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
SIMON, Vianney	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)	
TURBINE ENGINE VANE PROVIDED WITH AN OPTIMIZED COOLING CIRCUIT	
Title of Invention (in French)	
AUBE DE TURBOMACHINE EQUIPEE D'UN CIRCUIT DE REFROIDISSEMENT OPTIMISE	
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for which an application for Letters Patent has been filed in the following country:

ſ.	Country	Filing Date	Serial Number
	Patent Cooperation Treaty		

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 (€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;

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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.

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IN TESTIMONY WHEREOF, I HAVE SIGNED:

Date	Place	inventor Name & Signature	Witness Name & Signature	
311,8121	Jilloroche	SIMON, Vianney	Rosset Patney But and	

Ref. 8-021808

## 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	6555		1,00000,000,000
TANG, Ba-Phuc	c/o Safran CEPI, rond-Poi		MOISSY-CRAMAYEL FRANCE	
***************************************			***************************************	***************************************

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

	Title of Invention (in English)
	TURBINE ENGINE VANE PROVIDED WITH AN OPTIMIZED COOLING CIRCUIT
· Const	Title of Invention (in French)
	AUBE DE TURBOMACHINE EQUIPEE D'UN CIRCUIT DE REFROIDISSEMENT OPTIMISE
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for which an application for Letters Patent has been filed in the following country:

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AND, WHEREAS,

Corporation Name	Complete Address
SAFRAN AIRCRAFT ENGINES	2 Boulevard Du General Martial Valin 75015 Paris France

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AND, I/WE HEREBY acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 3001 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
*********		CENNEVILLIER	TANG, Ba-Phuc	DE CASTRO ANL
************	02/01/2020		Jangligu	RAS
1	***************************************	L		<u> </u>