PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7521311

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUILLAUME PASCAL JEAN-CHARLES GONDRE	03/04/2021
THOMAS ALAIN DE GAILLARD	03/04/2021

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:	17909175

CORRESPONDENCE DATA

Fax Number: (703)205-8050

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: 7032058000

Email:tuyen.y.ly@bskb.com, mailroom@bskb.comCorrespondent Name:BIRCH STEWART KOLASCH & BIRCH LLPAddress Line 1:8110 GATEHOUSE ROAD, SUITE 100EAddress Line 4:FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER: 3493-0862PUS1

NAME OF SUBMITTER: TUYEN LY

SIGNATURE: /tuyen ly/

DATE SIGNED: 09/05/2022

Total Attachments: 2

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507474418 PATENT REEL: 060987 FRAME: 0529

Attorney Docket No: 3493-0862PUS1 Ref. 8-021597

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
GONDRE, Guillaume Pascal Jean-Charles	SAFRAN c/o Centre d'Excellence Propriete Intellectuelle Rond-Point René Ravaud - Réau -
	7750 MOISSY-CRAMAYEL - FRANCE

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

Title of Invention (in English)						
FAN BLADE COMPRISING AN INSERT	OF STIFF FIE	BERS				
		yyyyaaaaaaaaaaa	***************************************	·	••••	
Title of Invention (in French)						
AUBE DE SOUFFLANTE COMPRENAN	T UN INSERT	DE FIBRES	RAIDES			
			*******		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

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

Country	Filing Date	Serial Number
France	03/03/2020	2002126
PCT	03/03/2021	FR2021/050358

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,

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

(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 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	
Monch 4, 2021	Villaroche	GONDRE, Guillaume Pascal Jean-Charles	GOMES PEREIRA, LITIANO	

Application No: 17/909,175

Fil PATENT

REEL: 060987 FRAME: 0530

Attorney Docket No: 3493-0862PUS1

Application No: 17/909,175 Filed on 09/02/2022

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
OE GAILLARD, Triomas Alain	SAFRAN c/o Centre d'Excellence Propriété Intellectuelle Rond-Point René Ravaud -
	PERMITTES MOISSY CRAMAYEN FRANCE

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

Title of Invention (in English)	
FAN BLADE COMPRISING AN INSERT OF STIFF FIBERS	
Title of Invention (in French)	
AUBE DE SOUFFLANTE COMPRENANT UN INSERT DE FIBRES RAIDES	

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

	Country	Filing Date	Serial Number	
	France	03/03/2020	2002126	
3	PCT	03/03/2021	PCT/FR2021/050358	

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 Soulevard 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 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 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 coveriant 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 coverant 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, release, 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:

Date	Place	inventor Name & Signature	Witness Name & Signature
March 4,2021	VILLAROCHE	DE GAILLARD, Thomas Alain	ZASBARAT, SHÈRE

PATENT REEL: 060987 FRAME: 0531