## 504237378 02/21/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4284055

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ		1		
			Name		Execution Date
ERWAN CAMUS					01/31/2017
DOMINIQUE MARIE CH	RISTIAN	I COU	JPE		01/31/2017
RECEIVING PARTY DA	ТА				
Name:	SAFRA		RCRAFT ENGINES		
Street Address:	2 BOU	LEVA	RD DU GÉNÉRAL MARTIAL VA	LIN	
City:	PARIS				
State/Country:	FRANC	CE			
Postal Code:	75015				
Name:	SAFRA				
Street Address:	2 BOU	LEVA	RD DU GÉNÉRAL MARTIAL VA	LIN	
City:	PARIS				
State/Country:	FRANC	CE			
Postal Code:	75015				
	1				
	Total: 1		<b>N</b> 1	_	
Property Type	Total: 1		Number		
<b></b>	Total: 1	15258			
Property Type Application Number:					
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Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	ATA e sent to provideo	(703) 5 the e d; if th 703-7 magg PILLS PO B <sup>i</sup> MCLE	8152 770-7901 <b>e-mail address first; if that is u</b> <b>fat is unsuccessful, it will be s</b> 70-7900 gie.barham@pillsburylaw.com SBURY WINTHROP SHAW PITT OX 10500 EAN, VIRGINIA 22102 012350-0448657 MARGARET BARHAM	ent via US M	

# 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
CAMUS, Erwan	329 Hanover Street Portsmouth NH 03801 PORTSMOUTH ETATS UNIS D'AMERIQUE

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

Title of Invention (in English)
SUPPORTING TOOLS FOR WINDING A FIBROUS TEXTURE, PROCESS FOR PRODUCING A FIBROUS
TEXTURE, AND METHOD OF MAKING A FIBROUS PREFORM OF REVOLUTION.
Title of Invention (in French)

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

Country	Filing Date	Serlal Number
FRANCE	SEP-07-2015	1558254
	anananan ananan anan kata kata kata kata	

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	SAFRAN AIRCRAFT ENGINES 2 Boulevard du Génèral Martial Valin 75015 PARIS FRANCE
SAFRAN	SAFRAN 2 Boulevard du Général 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 to 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 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 reexamination 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 filling 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
	SAC	CAMUS, Erwan	GUNARCII, Jerony
January 31, 2017	Rochester	600	) str
	USA		Consequences of the second sec
11111111111111111111111111111111111111			C-

### PATENT REEL: 041320 FRAME: 0447

# 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
COUPE, Dominique Marie Christian	166 rue de la Libération 77310 SAINT FARGEAU PONTHIERRY FRANCE

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

Title of Inven	ntion (in l	English)														
SUPPORT	ING TO	DOLS E	OR W	INDING	A	FIBROUS	TEXTURE,	PR	OCESS	FOR	PROL	UCING	A	FIBROUS		
TEXTURE	, AND	METHC	D OF	MAKIN	βA	FIBROUS	S PREFORM	OF	REVO	UTI	ЭN.					
Title of Inven	ntion (in H	rench)						,04,640,660,994,999,994,999			*****				<u></u>	
										*******						-momentingle

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

Country	Filing Date	Serial Number		
FRANCE	SEP-07-2015	1558254		

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	SAFRAN AIRCRAFT ENGINES 2 Boulevard du Général Martial Valin 75015 PARIS FRANCE		
SAFRAN	SAFRAN 2 Boulevard du Général Martiel 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 al 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 reexamination 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
January 31, 2017	Safra	COUPE, Dominique Maríe Christian	PAYEN , Didier
	THEVILL		
	FRANCE	- How	C

#### PATENT REEL: 041320 FRAME: 0448

### **RECORDED: 02/21/2017**