506110824 06/17/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6157547 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHIEU ARNAUD GIMAT	09/21/2018
REMY DUPONT	09/21/2018
MAXIME FRANCOIS ROGER CARLIN	09/21/2018
ERIC PHILIPPE	09/21/2018
BENJAMIN LACOMBE	09/21/2018

RECEIVING PARTY DATA

Name: SAFRAN CERAMICS	
Street Address: RUE DE TOUBAN LES CINQ CHEMINS	
City: LE HAILLAN	
State/Country:	FRANCE
Postal Code:	F-33185

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16652481	

CORRESPONDENCE DATA

Fax Number: (202)420-2201

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: 202-420-2200

Email: WashingtonDocketing@BlankRome.com, DProctor@BlankRome.com

Correspondent Name: BLANK ROME LLP
Address Line 1: 1825 EYE STREET, NW

Address Line 4: WASHINGTON, D.C. 20006-5403

ATTORNEY DOCKET NUMBER:	200592-00122
NAME OF SUBMITTER:	DEBORAH PROCTOR
SIGNATURE:	/DJP/
DATE SIGNED:	06/17/2020

Total Attachments: 5

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PATENT REEL: 052961 FRAME: 0917

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As a below named inventor, I hereby declare that, I

I/mentor Name	Complete Ad dress	22.2.		
GIMAT, Matthieu Arnaud	c/o Safran Aircraft Engines Pi (Ali),	rond-Point René Ravaud -	- Réau 77550 MOISSY-Ci	RAMAYEL FRANCE
(Hereinafter referred to as the Assignor) have made an invention entitled:				

Title of invention (in English)

METHOD FOR PRODUCING A HOLLOW PART MADE OF A CERAMIC MATRIX COMPOSITE MATERIAL

Title of invention (in French)

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

Country	Filing Date	Serial Number	Service Service
France	10/02/2017	1759189	-
United States	March 31, 2020	16/652,481	-

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 CERAMICS	Rue de Touban les Cinq Chemins 33185 Le Hallian France
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	Washington Control of the Control of
to the control of the	* Programme to the control of the

(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 ressues 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, relssue, 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
	i Haillan	GIMAT, Matthleu Arnaud	CARLIN, lavine Frangus liger
September 21, 2018		WILL	

As a below named inventor, I hereby declare that, I

Inventor Name	Complete Address
DUPONT, Rémy	c/o Safran Aircraft Engines PI (AJI), 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)	
METHOD FOR PRODU	CING A HOLLOW PART MADE OF A CERAMIC MATRIX COMPOSITE MATERIAL
Title of invention (in French)	
	CING A HOLLOW PART MADE OF A CERAMIC MATRIX COMPOSITE MATERIAL

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Corporation Name	Complete Address	
SAFRAN CERAMICS	Rue de Touban les Cinq Chemins 33185 Le Halilan France	
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Marian francia con accorda de escala aceptana o que en como en el		
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(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 idvisions, 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 extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioners of Patents (or other appropriate official whose duty is to ksue patents) of the United States, Canada, and any other country, to base 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:

	Date	Place	Inventor Name & Signature	Witness Name & Signature
	September 21, 2018	Le Haiffan	DUPONT, Rémy	GITAT, Nathieu Arnaud
*****			45	世里

As a below named inventor, I hereby declare that, I

inventor Name	Complete Address
CARLIN, Maxime François Roger	c/o Safran Alrcraft Engines PI (AJI), rond-Point René Ravaud – Réau 77550 MOISSY-CRAMAYEL FRANCE
(Norminaffor referred to ac the Accionor) have made	on invention entitled:

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Corporation Name	Complete Address
SAFRAN CERAMICS	Rue de Touban les Cinq Chemins 33185 Le Hallian France
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IN TESTIMONY WHEREOF, I HAVE SIGNED:

Date	Place	Inventor Name & Signature	Witness Name & Signature
September 21, 2018	Le Maillan	CARLIN, Maxime François Roger	GiMAT, Matthieu Arnaud
factories and the contract of	• 6. decide and a second a second and a second a second and a second a second and a		1

As a below named inventor, I hereby declare that, I

Inventor Name	Complete Address
PHIUPPE, Erk	c/o Safran Aircraft Engines PI (All), rond-Point René Ravaud – Réau 77550 MOISSY-CRAMAYEL FRANCE

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

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METHOD FOR PRODU	JCING A HOLLOW F	ART MADE OF A CE	RAMIC MATRIX COMPO	OSITE MATERIAL
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Corporation Name	Complete Address
SAFRAN CERAMICS	Rue de Touban les Cinq Chemins 33185 Le Haillan France

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o proportion de la company	
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Date	Place	Inventor Name & Signature	Witness Name & Signature
September 21, 2018	Bondeaux	PHILIPPE, Eric	BERDOYES Snabile
	France	#	Dongar
		 	the state of the s

As a below named inventor, I hereby declare that, I

Inventor Name	Complete Address
LACOMBE, Benjamin	c/o Safran Aircraft Engines Pl (AJI), rond-Point René Ravaud — Réau 77550 MOISSY-CRAMAYEL FRANCE

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

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AND, WHEREAS,

Corporation Name	Complete Address		
SAFRAN CERAMICS	Rue de Touban les Cinq Chemins 33185 Le <u>Halitan France</u>		
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IN TESTIMONY WHEREOF, I HAVE SIGNED:

Place	Inventor Name & Signature	Witness Name & Signature
Le Haillein	LACOMBE, Benjamin	Ginar, nathlier Arrand
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-		LACOMPE Replants

PATENT

REEL: 052961 FRAME: 0923