PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRUNO JACQUES GERARD DAMBRINE	04/30/2013
DOMINIQUE COUPE	05/15/2013
JONATHAN GOERING	06/24/2013
JEAN-NOEL MAHIEU	05/16/2013

RECEIVING PARTY DATA

Name:	SNECMA
Street Address:	2 BOULEVARD DU GENERAL MARTIAL VALIN
City:	PARIS
State/Country:	FRANCE
Postal Code:	75015

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14364958

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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: (703) 413-3000

Email: Irodriguez@oblon.com **Correspondent Name:** OBLON, SPIVAK, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	436378US41PCT
NAME OF SUBMITTER:	LIZ RODRIGUEZ
SIGNATURE:	/Liz Rodriguez/
DATE SIGNED:	06/12/2014

Total Attachments: 4

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> **PATENT REEL: 033091 FRAME: 0683** 502849596

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PATENT REEL: 033091 FRAME: 0684

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

Inventor Name	Complete Address
DAMBRINE Bruno, Jacques, Gérard	464 Allée Ninon de l'Enclos 77820 LE CHATELET EN BRIE FRANCE

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

Title of Invention (in French)	
CONTINUITE DE SURFACE DE PREFORME TISSEE	
Title of Invention (in English)	<u> </u>
FIBROUS REINFORCEMENT STRUCTURE FOR COMPOSITE MATERIAL PART HAVING A REDUCED THICKNESS PORTION	

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

Country	Filing Date	Serial Number
UNITED STATES OF AMERICA	DEC-14-2011	61/570379

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
SNECMA	SNECMA 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 on this invention in any country, and all extensions, renewals, and recissues 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
April 30th	Villaroche	Brun Dambrine	Sydre Schnell Schnell

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

Inventor Name	Complete Address
COUPE Dominique	70 avenue de Paris 33185 LE HAILLAN FRANCE

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

Title of Invention (in French)	
CONTINUITE DE SURFACE DE PREFORME TISSEE	
Title of Invention (in English)	
FIBROUS REINFORCEMENT STRUCTURE FOR COMPOSITE MATERIAL PART HAVING A REDUCED THICKNESS PORTION	
PIBROOS NEIN ORGENIEN STROET ON COMPOSITE OF	

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Corporation Name	Complete Address
SNECMA	SNECMA 2 Boulevard du Général Martial Valin 75015 PARIS FRANCE

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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 resissues 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 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:

Date	Place	Inventor Name & Signature	Witness Name & Signature	11
1 ch	Paul 6		Philipe HENRIO	11:
May 15,201	3 Villarodu	Dain Laure to	and the second s	1
				(/)

PATENT

REEL: 033091 FRAME: 0686

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

Inventor Name	Complete Address
GOERING Jonathan	US citizen 7 Nighthawk Drive, York, ME 03909.UNITED STATES OF AMERICA

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

Title of Invention (in French)	
CONTINUITE DE SURFACE DE PREFORME TISSEE	
Title of Invention (in English)	
FIBROUS REINFORCEMENT STRUCTURE FOR COMPOSITE MATERIAL PART HAVING A	REDUCED THICKNESS PORTION

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Filing Date	Serial Number
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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
SNECMA	SNECMA 2 Boulevard du Général Martial Valin 7501\$ 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 resissues 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 resissues 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 (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:

Date	Place	Inventor Name & Signature	Witness Name & Signature
	Rochester, NH	Jonathan Goerins	Jessica McCormack
24 June 2013	USA	and b.	Jesus McComack
		igwedge	
		V	

PATENT REEL: 033091 FRAME: 0687

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

	Inventor Name	Complete Address
1	MAHIEU Jean-Noël	7 Avenue Reille 75014 PARIS FRANCE
٠		

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

Title of Invention (in French)	
CONTINUITE DE SURFACE DE PREFORME TISSEE	
Title of Invention (in English)	
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I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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IN TESTIMONY WHEREOF, I HAVE SIGNED:

Date	Place	Inventor Name & Signature	Witness Name & Signature
704 16th	NO 135Y CRANAYEZ	MAHIEV JEAN-A-DE STUDIO	Lydie SCHNELL _Schnell

PATENT REEL: 033091 FRAME: 0688

RECORDED: 06/12/2014