503767679 04/04/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3814325

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YANN MARCHAL	11/14/2013
JEREMY ENGEL	10/18/2013
MATTHIEU GIMAT	11/14/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15026918

CORRESPONDENCE DATA

Fax Number: (202)450-5538

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.

Email: jhughes@bookoffmcandrews.com Correspondent Name: BOOKOFF MCANDREWS, PLLC 2401 PENNSYLVANIA AVENUE, N.W. Address Line 1:

Address Line 2: **SUITE 450**

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	00092-0036-01000
NAME OF SUBMITTER:	JAMESON Q. MA
SIGNATURE:	/Jameson Q. Ma/
DATE SIGNED:	04/04/2016

Total Attachments: 3

source=2016-04-01 AS-FILED Declaration and Assignment 00114766#page1.tif source=2016-04-01 AS-FILED Declaration and Assignment 00114766#page2.tif source=2016-04-01 AS-FILED Declaration and Assignment 00114766#page3.tif

PATENT REEL: 038185 FRAME: 0787 503767679

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	
MARCHAL Yann	3 Rue saint Jacques 77000 MELUN FRANCE	

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

Title of Invention (in French)		
Title of Invention (in English)		
METHOD AND COMPACTION ASSEMBLY FOR MA	ANUFACTURING A COMPOSITE TURBOMACHINE BLADE	

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

Country	Filing Date	Serial Number
UNITED STATES OF AMERICA	OCT-04-2013	61/886678
FRANCE	AUG-21-2014	1457909

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 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 successors, 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:

14th Nerente Villasoche Yaum MARCHAL Patthieu Girrat Ast	Date	Place	Inventor Name & Signature	Witness Name & Signature
	137 . 0 .2	Villasoche		Patthien GirAT

PATENT REEL: 038185 FRAME: 0788

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
ENGEL Jeremy	5521 Park Lane Drive NE 68847 KEARNEY UNITED STATES OF AMERICA

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

Title of Invention (in French)	
Title of Invention (in English)	
METHOD AND COMPACTION ASSEMBLY FOR MANUFACTURING A COMPOSITE TURBOMACHINE BLADE	

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

Country	Filing Date	Serial Number
UNITED STATES OF AMERICA	OCT-04-2013	61/886678
FRANCE	AUG-21-2014	1457909

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 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.

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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. 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
10/18/2013	Royal Engineered Com 1046 East 9th St. Minden. NE 68959	. Jeremy Engel Schemy Engel	MARK TOLINE MALE THEM

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	
	SHAAT has thieu	14 ray Audubon 75012 PARIS PRANCE	

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

Title of invention (in French)	
Title of Invention (in English)	
EXECUTION AND COMPACTION ASSENTED FOR MAINSFACTURING A COMPOSITE TURBOMACHINE BLADE	

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

	Country	Filing Date	Serial Number
		007-04-3633	%1/229678
-	FRANCE	AUG-21-2014	1457909

The above-identified application(s) was/were made or authorized to be made by me.

t believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

AND, WHEREAS,

(Hereinafter referred to as the Assigned(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 Lefters Patent on this invention and the Lefters 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 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;

ANO, 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, release, and re-examination applications, make all rightful ouths 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.

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IN TESTIMONY WHEREOF, I HAVE SIGNED:

Date		Place	Inventor Name & Signature	Witness Nome & Signature
14 42	November	ا المال	Nather GITAT WATE	Your MARCHAE
	2013	NIMMONA	- Life both	and the second