10/24/2014 503033202

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3079801

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ELRIC FREMONT	07/09/2014
ANTOINE BEAUJARD	06/17/2014
DIDIER FABRE	07/08/2014
GUY BURLET	06/18/2014

RECEIVING PARTY DATA

Name:	Name: HERAKLES	
Street Address:	RUE DE TOUBAN	
Internal Address:	LES CINQ CHEMINS	
City:	LE HAILLAN	
State/Country:	FRANCE	
Postal Code:	33185	
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:	14362186	

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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: 801-533-9800

AMadson@wnlaw.com Email: **Correspondent Name:** AMBER K. MADSON 60 EAST SOUTH TEMPLE Address Line 1:

Address Line 2: **SUITE 1000**

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER: 19821.31

> **REEL: 034027 FRAME: 0726** 503033202

PATENT

NAME OF SUBMITTER: AMBER K. MADSON				
SIGNATURE:	/Amber K. Madson/			
DATE SIGNED:	10/24/2014			
	This document serves as an Oath/Declaration (37 CFR 1.63).			
Total Attachments: 8	<u>'</u>			
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source=19821-31-Declaration_As	ssignment_BEAUJARD#page1.tif			
source=19821-31-Declaration As	ssignment BEAUJARD#page2.tif			

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DECLARATION

Title of Invention: HOLLOW-BLADE TURBINE VANE MADE FROM COMPOSITE MATERIAL, TURBINE OR COMPRESSOR INCLUDING A NOZZLE OR GUIDE VANE ASSEMBLY FORMED BY SUCH BLADES, AND TURBOMACHINE COMPRISING SAME

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This de	This declaration is directed to:		
	The accompanying utility or design patent application, or		
\boxtimes	United States application or Patent Cooperative Treaty international application number: PCT/FR2012/052722		
	filed on November 29, 2012		

As the below named inventor. I hereby declare that:

- 1. The above-identified application was made or authorized to be made by me.
- 2. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- 3. I 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.

Direct all correspondence to the address associated with Customer Number: 22913.

By signing this declaration, the inventor confirms that the application, including the claims, has been read and understood and that the inventor is aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to the inventor to be material to patentability as defined in 37 CFR§1.56.

I authorize an attorney or agent associated with the Customer Number authorized to act in this application to fill in an "Attorney Docket No."; the application number, the filing date, and any other information desirable to identify the application, on the pages of this declaration and assignment, after I sign.

ASSIGNMENT

WHEREAS, I, the below named inventor, hereinafter referred to as ASSIGNOR, is the or an owner of certain new and useful improvements in the above identified application(hereinafter referred to as the INVENTION).

WHEREAS, HERAKLES and SNECMA

Docket No.: 19821.31

AIA Declaration/Assignment rev. 29MAY13

whose post office address is/are. Rue de Touban, Les Cinq Chemins, 33185 Le. Haillan, France and 2 Boulevard du General Martial Valin, 75015 Paris, France.

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the INVENTION in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I. ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

LEGAL NAME OF INVENTOR/ASSIGNOR			
Name:	Ebic FREMONT	Date:	09/07/14
Signature:			

Docket No.: 19823.33 AIA Docketsion/Assignment etv. 29MAY13

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WHEREAS, HERAKLES and SNECMA

Docker No.: 19821.31 AIA Decision/Assignment rev. 29MAY13 whose post office address is/are Rue de Touban, Les Cinq Chemins, 33185 Le Haillan, France and 2 Boulevard du General Martial Valin, 75015 Paris, France

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LEGAL NA	ME OF INVENTOR/ASSIGNOR			······································
Name:	Amoine BEAUIARO	:	Date:	Sure 1777 2014
Signature:	B			

Decket No.: 19821-31

AIA Occleration Assignment rev. 79MAYI3

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The accompanying utility or design patent application, or

United States application or Patent Cooperative Treaty international application number: PCT/FR2012/052722
filed on November 29, 2012

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WHEREAS, HERAKLES and SNECMA

Decket No.: 19821.31

AIA Declaration/Assignment rev. 2984AY13

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LEGAL NAME OF INVENTOR/ASSIGNOR			
Control of the second s	Name:	Didder FABRE Date: JUL	y 8th, 2014
	Signature:	1	***************************************

Dooker No.: 19821.31 Ala Declaration/Assignment rev. 29MAY13

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LEGAL NA	AME OF INVENTOR/ASSIGNO	OR]
Name:	Guy BURLET	Date: 18/06/14 /	201
Signature:	- mee	,	

Docket No.: 19821.31 AIA Declaration/Assignment rev. 29MAY13