

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Laurent BILZ</td> <td>01/23/2012</td> </tr> <tr> <td>Fabrice MAROIS</td> <td>01/23/2012</td> </tr> <tr> <td>Patrick Jean-Louis REGHEZZA</td> <td>01/23/2012</td> </tr> <tr> <td>Julien TRAN</td> <td>01/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Laurent BILZ	01/23/2012	Fabrice MAROIS	01/23/2012	Patrick Jean-Louis REGHEZZA	01/23/2012	Julien TRAN	01/23/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SNECMA</td> </tr> <tr> <td>Street Address:</td> <td>2 Boulevard Du General Martial Valin</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>75015</td> </tr> </table>		Name:	SNECMA	Street Address:	2 Boulevard Du General Martial Valin	City:	Paris	State/Country:	FRANCE	Postal Code:	75015
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13388697</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13388697						
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Application Number:	13388697										
CORRESPONDENCE DATA											
<p>Fax Number: (703)413-2220          Phone: (703) 413-3000          Email: asomaiel@oblon.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Oblon, Spivak, et al.          Address Line 1: 1940 Duke Street          Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	393983US41PCT										
NAME OF SUBMITTER:	Adel Samuel										
<p>Total Attachments: 2          source=393983USAssignment#page1.tif          source=393983USAssignment#page2.tif</p>											

OP \$40.00 13388697

# Assignment of Application

WHEREAS, I (WE) BILZ Laurent  
247 Rue des Planons  
77000 VAUX LE PENIL FRANCE

MAROIS Fabrice  
875 Route de Fontaineroux  
77850 HERICY FRANCE

REGHEZZA Patrick, Jean-Louis  
1 Allée des Tilleuls  
77000 VAUX LE PENIL FRANCE

TRAN Julien  
11 rue de Touraine  
95300 PONTOISE FRANCE

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

, respectively,

have invented certain new and useful improvements in: \_\_\_\_\_

INSERT TITLE  
OF INVENTION

VIBRATION-DAMPING SHIM FOR FAN BLADE

(Application No. 13/388,697, filed February 3, 2012), and

WHEREAS, SNECMA

(hereinafter referred to as "ASSIGNEE") having a place of business at \_\_\_\_\_

SNECMA  
2 Boulevard du Général Martial Valin  
75015 PARIS

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;


INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

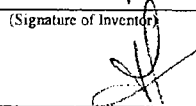
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

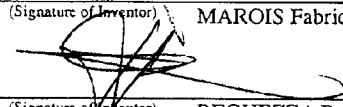
I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

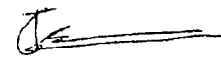
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, LLP of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: January 23, 2012   
(Signature of Inventor) BILZ Laurent

Date: January 23, 2012   
(Signature of Inventor) MAROIS Fabrice

Date: January 23, 2012   
(Signature of Inventor) REGHEZZA Patrick, Jean-Louis

Date: January 23, 2012   
(Signature of Inventor) TRAN Julien

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, LLP  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314