

PATENT ASSIGNMENT

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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>Damien BONNEAU</td> <td>11/09/2010</td> </tr> <tr> <td>Fabrice GARIN</td> <td>11/09/2010</td> </tr> <tr> <td>Maurice Guy JUDET</td> <td>11/09/2010</td> </tr> <tr> <td>Thomas LANGEVIN</td> <td>11/09/2010</td> </tr> </tbody> </table>		Name	Execution Date	Damien BONNEAU	11/09/2010	Fabrice GARIN	11/09/2010	Maurice Guy JUDET	11/09/2010	Thomas LANGEVIN	11/09/2010
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Damien BONNEAU	11/09/2010										
Fabrice GARIN	11/09/2010										
Maurice Guy JUDET	11/09/2010										
Thomas LANGEVIN	11/09/2010										
RECEIVING PARTY DATA											
Name:	SNECMA										
Street Address:	2 Boulevard du Gal Martial Valin										
City:	PARIS										
State/Country:	FRANCE										
Postal Code:	75015										
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>12994785</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12994785						
Property Type	Number										
Application Number:	12994785										
CORRESPONDENCE DATA											
Fax Number:	(703)413-2220										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(703) 413-3000										
Email:	asomaiel@oblon.com										
Correspondent Name:	Oblon, Spivak, et al.										
Address Line 1:	1940 Duke Street										
Address Line 4:	Alexandria, VIRGINIA 22314										
ATTORNEY DOCKET NUMBER:	370399US41PCT										
NAME OF SUBMITTER:	Adel Samuel										

Total Attachments: 2
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PATENT
REEL: 025405 FRAME: 0752

OP \$40.00 12994785

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) BONNEAU Damien
9 quai Maréchal Foch 77000 MELUN FRANCE
GARIN Fabrice
8 rue Latour Maubourg 77350 BOISSISE LA BERTRAND FRANCE
JUDET Maurice, Guy
144 rue Jean Monnet 77190 DAMMARIE LES LYS FRANCE
LANGEVIN Thomas
21 rue de la Poste 91800 BRUNOY FRANCE

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

_____, respectively,

have invented certain new and useful improvements in Assembly including a turbine disk for a gas turbine engine
and a bearing-supporting journal, and cooling circuit for the turbine disk of such an assembly

INSERT TITLE
OF INVENTION:

(Application No. 12/994,785, filed November 26, 2010), and

WHEREAS, SNECMA,

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

SNECMA
2 Boulevard du Gal Martial Valin
75015 PARIS

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

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;


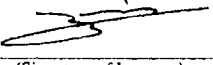
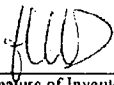
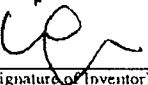
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United 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.

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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, P.C. 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: <u>09/11/2010</u>	 _____ (Signature of Inventor) BONNEAU Damien
Date: <u>09/11/2010</u>	 _____ (Signature of Inventor) GARIN Fabrice
Date: <u>09/11/2010</u>	 _____ (Signature of Inventor) JUDET Maurice, Guy
Date: <u>09/11/2010</u>	 _____ (Signature of Inventor) LANGEVIN Thomas
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)

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