PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Pascal ROUTIER | 03/11/2011 |

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

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13123922 |

CORRESPONDENCE DATA

Fax Number: (703)413-2220

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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: 378716US41PCT

NAME OF SUBMITTER: Adel Samuel

Total Attachments: 2

source=378716USAssignment#page1.tif source=378716USAssignment#page2.tif

OF \$40.00 13123922

PATENT REEL: 026134 FRAME: 0901

Assignment of Application

WHEREAS, I (WE) ROUTIER Pascal 123 Impasse de la Motte 77350 LE MEE SUR SEINE FRANCE ADDRESS OF THE INVENTORS have invented certain new and useful improvements in TURBINE BLADE WITH IMPROVED AERODYNAMIC INSERT TITLE OF INVENTION PERFORMANCE (Application No. <u>13/123,922</u> , filed April 13, 2011 WHEREAS, SNECMA ,, (hereinafter referred to as "ASSIGNEE") having a place of business at **SNECMA** 2 Boulevard du Gal Martial Valin 75015 PARIS FRANCE

INSERT NAME AND ADDRESS OF 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.

Page 1 of 2

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: March 11, 2011 | Ser |
|----------------------|--|
| | (Signature of Inventor) ROUTIER Pascal |
| Date: | |
| | (Signature of Inventor) |
| Date: | |
| | (Signature of Inventor) |
| Date: | (Signature of Inventor) |
| | (Signature of Inventor) |
| Date: | (Signature of Inventor) |
| | (0) |
| 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

> PATENT REEL: 026134 FRAME: 0903

RECORDED: 04/15/2011