PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------------|----------------|
| Serge BERLANGER | 08/23/2010 |
| Sebastien BORDU | 08/23/2010 |
| Thierry Jean MALEVILLE | 08/23/2010 |
| Christophe Charles Maurice ROCA | 08/23/2010 |

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

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12933951 |

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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

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Address Line 4: Alexandria, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 366965US41PCT |
|-------------------------|---------------|
| NAME OF SUBMITTER: | Adel Samuel |

Total Attachments: 2

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PATENT REEL: 025038 FRAME: 0097 OF \$40.00 12933951

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PATENT REEL: 025038 FRAME: 0098

Assignment of Application

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FRANCE

| INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS: | 7 rue des Vignes 91310 LEUVILLE SUR ORGE |
|--|--|
| | BORDU Sébastien |
| | Résidence Le Prés Leroy rue de Cossigny 77170 BRIE COMTE ROBERT |
| | MALEVILLE Thierry, Jean |
| | 9 route de Boutigny Ste Blaise 91490 MILLY LA FORET |
| | ROCA Christophe, Charles, Maurice |
| | 2 square Ludvig Van Beethoven 91450 SOISY SUR SEINE |
| | |
| | |
| | |

WHEREAS, I (WE) BERLANGER Serge

INSERT TITLE OF INVENTION: have invented certain new and useful improvements in PROCESS FOR MANUFACTURING A

SINGLE-PIECE BLISK BY CUTTING WITH AN ABRASIVE WATER JET

(Application No. 12/933,951 , filed September 22, 2010), and

WHEREAS, SNECMA ,,

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

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE SNECMA 2 Boulevard du Gal 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;

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.

PATENT REEL: 025038 FRAME: 0099 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, Lt? 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: August 23, 2010 | | 15 |
|-----------------------|-------------------------|---|
| | (Signature of Inventor) | BERLANGER Serge |
| Date: August 23, 2010 | | |
| | (Signature of Inventor) | BORDU Sébastien |
| Date: August 23, 2010 | | Water la |
| | (Signature of Inventor) | MALEVILLE Thierry, Jean |
| Date: August 23, 2010 | | There . |
| | (Signature of Inventor) | ROCA Christophe, Charles, Maurice |
| Date: | | |
| | (Signature of Inventor) | |
| Date: | | |
| | (Signature of Inventor) | , |
| Data | | |
| Date: | (Signature of Inventor) | |
| | | |
| Date: | | |
| | (Signature of Inventor) | |

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

RECORDED: 09/24/2010

PATENT REEL: 025038 FRAME: 0100