10/01 FORM PTO-1595

VER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

OMB No. 0651-0011 101904428 (rev. 08/01) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies) 2. Name and address of receiving party(ies) Didier Vuillamy Name: SNECMA MOTEURS Jean-Claude Harlay Street Address: 2 Boulevard du Général Martial Valin Additional name(s) of conveying party(ies) City: 75015 - PARIS attached? [ ] Yes [X] No Country: FRANCE Additional name(s) & address(es) attached? [ ] Yes [X] No Nature of conveyance: [X] Assignment [] Merger [ ] Security Agreement [ ] Change of [] Other Execution Date: November 13, 2001. 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: November 13, 2001. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? [ ] Yes [X] No 5. Name and address of party to whom 6. Total number of applications and patents correspondence concerning document should Involved [1] be mailed: Weingarten, Schurgin, Gagnebin & Lebovici LLP Ten Post Office Square Boston, Massachusetts 02109 Total fee (37 CFR 3.41)....\$ 40.00 [ ] Authorized to be charged to deposit account Deposit account number: (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any

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attached copy is a true copy of the original document.

Charles L. Gagnebin

**PATENT** REEL: 012323 FRAME: 0102

RECORDED: 11/21/2001

## ASSIGNMENT

|                                 | In consideration of the sum of One valuable consideration, the receipt of whi   | e Dollar (\$1.00) in ha<br>ich is hereby acknowle | nd paid, and other g<br>dged, the undersigner | ood and<br>d, |
|---------------------------------|---|---|---|---------------|
|                                 | Didier VUILLAMY, Jean-Claude HAR  | LAY   |   |               |
| nventor(s)<br>(ull name(s)      |   |   |   |               |
|                                 | hereby sell, assign and transfer to   |   |   |               |
| Assignee<br>Name and<br>Address | SNECMA MOTEURS  |   |   |               |
|                                 | 2 Boulevard du Général Martial  | Valin   |   | (             |
|                                 | 75015 - PARIS, France   |   | <del>. "</del> "                              |               |
|                                 | (hereinafter called the Assignee) the entire right, title, and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled  Device for reducing or eliminating jet separation in rocket engine   |   |   |               |
| Title of<br>Invention           | nozzles, and a nozzle including the device  |   |   |               |
|                                 | which application was   |   |   |               |
| Complete                        | (a) executed by the undersigned o   | n the <u>13th</u> d                               | ay of November 200                            |               |
| either<br>(a) or ibl            | (b) filed on theday of  |   |   |               |
|                                 | including any and all United States Let and all extensions, divisions, reissues, suinght to all benefits under the Interna Property.  | ostitutes, renewals or o                          | ontinuations thereof,                         | and the       |
|                                 | It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.  Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection. |   |   |               |
|                                 |   |   |   |               |
|                                 | Signed at PARIS   | i de<br>Alberto                                   |   |               |
| Inventoris) full signature(s)   | this 13th day of November 2001  |   |   |               |
|                                 |   |   |   |               |
|                                 | INVE  | NTOR(S):  |   | M             |
|                                 |   | Didier VUILLAMY                                   | Didie Vente                                   | amy           |
|                                 |   | Jean-Claude HARLAY                                | Didies Veule<br>Jean-Clandetta                | lay           |
|                                 |   |   |   |               |
|                                 |   |   |   |               |
|                                 | WITNESSES:  |   |   |               |
| Witnesses'                      | ÷ :   |   |   |               |
| Signetures                      |   |   | DATENT  |               |

REEL: 012323 FRAME: 0103