

Rev 05/03

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)  
 Michael Berdoyes  
 André Dumortier  
 Philippe Biz  
 Antoine Hervio

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
 Name: SNECMA PROPULSION SOLIDE  
 Street Address: Les Cinq Chemins  
 City: 33187 - Le Haillan  
 Country: FRANCE

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: May 27, 2004

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:  
 A. Patent Application No.(s) 10/500,248 (filed June 25, 2004) B. Patent No.(s)  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Weingarten, Schurgin,  
 Gagnebin & Lebovici LLP  
 Ten Post Office Square  
 Boston, Massachusetts 02109

6. Total number of applications and patents Involved  1


7. Total fee (37 CFR 3.41)....\$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 23-0804  
 (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.  
 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Attorney Name: Charles L. Gagnebin III  
 Registration No. 25,467

Signature:  Date: 7-16-04

Total number of pages including cover sheet, attachments, and document: [2]

Attorney Docket No. BDL-461XX

CLG/mc/308676-1 Mail documents to be recorded with required cover sheet information to:  
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CH \$40.00 230804 10500248

BDL-461XX**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

**BERDOYES Michel, DUMORTIER André, BIZ Philippe, HERVIO Antoine,**

hereby sell(s), assign(s) ad transfer(s) to **SNECMA PROPULSION SOLIDE, Les Cinq Chemins, 33187 - LE HAILLAN, France**

[hereinafter called the Assignee(s)] 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

**SWIVELLING NOZZLE FOR A ROCKET ENGINE**

which was filed by the undersigned in the form of an International Application which designated the United States of America under Number PCT/FR2003/002067 on July 3, 2003 and which entered the National Stage in the United States of America under Serial Number **10/500,248** On **June 25, 2004**; the aforesaid application for United States Letters Patent and all divisionals, continuations and substitutes thereof; and any and all United States Letters Patent which may be granted therefor and any and all extensions, reissues or renewals thereof; and the right to all benefits under the International Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee(s).

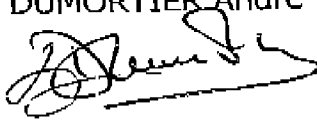
Further, it is agreed that, when requested, without charge to but at the expense of said Assignee(s), the undersigned will execute all divisional, continuing, substitute, renewal ad reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee(s) shall consider desirable for aiding in securing and maintaining proper patent protection.

Signed at **27 July 2004** this day of 2004

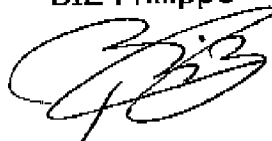
BERDOYES Michel



DUMORTIER André



BIZ Philippe



HERVIO Antoine


**PATENT****RECORDED: 07/16/2004****REEL: 014862 FRAME: 0784**