

Form PTO-1595 (Rev. 03-09)

OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):Gerald RAYMOND (03/24/2010)
Paul CAYE (03/24/2010)
Frederic RICHARD (03/25/2010)Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies)**Name: ASTRIUM SAS

Internal Address: _____

Street Address: _____

6 Rue Laurent PichatCity: Paris

State: _____

Country: France Zip: 75016Additional name(s) & address(es) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name☐ Security Agreement ☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other _____**4. Application or patent number(s):**

A. Patent Application No.(s)

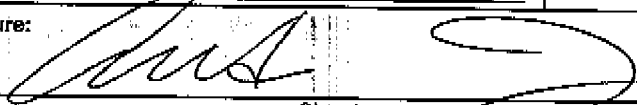
12/680,608☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: C. Andrew Im
FULBRIGHT & JAWORSKI L.L.P.Internal Address: Atty. Dkt.: GRYN 281-US (11002389)
Street Address: 666 Fifth AvenueCity: New YorkState: NY Zip: 10103Phone Number: (212) 318-3359Fax Number: (212) 318-3400Email Address: aim@fulbright.com**6. Total number of applications and patents involved:**1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**☒ Authorized to be charged to credit card.☐ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)**8. Payment Information**a. Credit Card Last 4 Digits 5393
Expiration Date 10/2012

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

6/10/10

Date

C. Andrew Im - 40,657

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: ☐**Recordation Form Cover Sheet**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-8300, on the date shown below.

Dated: June 10, 2010Signature: Fani Malikouzakis

(Fani Malikouzakis)

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PATENT
REEL: 024516 FRAME: 0133

OP \$40.00 12680608

GRYN 281 US (16616 PCT/US)**ASSIGNMENT**

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in **METHOD AND DEVICE ENABLING A ROCKET ENGINE PUMP TO BE DRIVEN BY AN INTERNAL COMBUSTION ENGINE** for which application for Letters Patent of the United States of America was filed on March 29, 2010 and assigned Patent Application Serial No. 12/680,608, was executed by me on the date indicated next to my name and address;

AND WHEREAS,

ASTRIUM SAS
6 RUE LAURENT PICHAT
75016 PARIS
FRANCE

(hereinafter referenced as "ASSIGNEES") is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and

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without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEES thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

This assignment executed on the dates indicated below.

Name and Address of first inventor

Gerald RAYMOND

22 Rue Jean Valmy/

Baysse

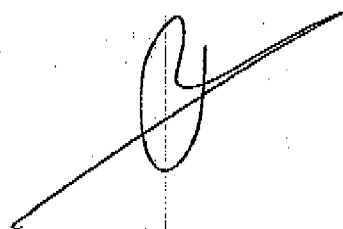
33160 Saint

Medard En Jalles

FRANCE

SIGNATURE

Date



03/24/2010

Name and Address of second inventor

Paul CAYE

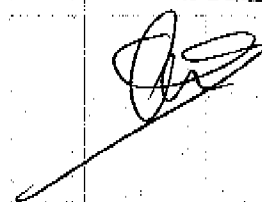
7 Clos Des Saules

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SIGNATURE

Date



24/03/2010

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Name and Address of third inventor**Frederic RICHARD**

~~33 Rue~~ 98, Rue BRILLAT SAVARIN
~~Boussingault~~ HALL ARPEGE
~~75013 Paris~~ 75013 PARIS

FRANCE**SIGNATURE****Date**

25/3/2010