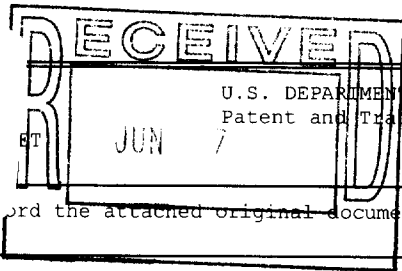


06-11-1999



FORM PTO-1595

OMB No. 0651-0011 (exp.4/94)
WSGH FORM 23 (rev. 2/98)



101062511

To the Honorable Commissioner of Patents and Trademarks, send the attached original documents or copy thereof.

1. Name of conveying party(ies)
 Daniel Cornu
 Christophe Verdy
 Jean-Michel De Monicault
 Christian Coddet

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

2. Name and address of receiving party(ies)
 Name: Société Nationale D'Etude et de Construction de Moteurs d'Aviation - S.N.E.C.M.A.
 Street Address: 2 Boulevard du General Martial Valin
 City: 75015 Paris State: _____ Zip _____
 Country: FRANCE
 Additional name(s) & address(es) attached? Yes No

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

Execution Date: April 30, 1999

MRD 6.7.99

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) 09/271,394 filed March 17, 1999 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 & Hayes 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
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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: *Charles L. Gagnebin III* Date: 6-4-99

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

CLG:mes/205741 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

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PATENT
REEL: 010012 FRAME: 0455

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,
CORNU Daniel, VERDY Christophe, DE MONICAULT Jean-Michel, CODDET Christian

Inventor(s)
full name(s)

hereby sell, assign and transfer to

Société Nationale d'Etude et de Construction de Moteurs d'Aviation
S.N.E.C.M.A.

Assignee
Name and
Address

2 Boulevard du Général Martial Valin

75015 PARIS, France

(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

Method of manufacturing a high heat flux regenerative circuit, in

Title of
Invention

particular for the combustion chamber of a rocket engine

which application was

(a) executed by the undersigned on the _____ day of _____ 19____.

(b) filed on the 17th day of March 1999, Serial No. 09/271.394

Complete
either
(a) or (b)

including any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

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.

Paris

Signed at _____

Date

this 30th day of April, 1999.

INVENTOR(S):

Cornu Daniel

CORNU Daniel

Verdy Christophe

VERDY Christophe

de Monicault Jean Michel

DE MONICAULT Jean-Michel

Coddet Christian

CODDET Christian

WITNESSES:

Witnesses
full
Signatures

F. Dumont