

06-19-1998

FORM PTO-1595
(Rev. 6-93)

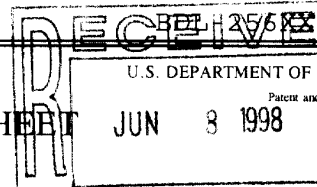
OMB No. 1651-0011 exp. 4/98

WSGH FORM 23 (rev. 2/98)

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PATENTS ONLY



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

1. Name of conveying party(ies)

Christophe Koppel
Dominique Valentian

2. Name and address of receiving party(ies)

Name: SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION

Internal Address: _____

Street Address: 2 Brd du General Martial Valin

Country FRANCE

City: 75015 Paris State _____ Zip _____

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

3. Nature of conveyance:

Assignment [] Merger
 Security Agreement [] Change of Name
 Other _____

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

Execution Date: March 13, 1998, respectively

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)

B. Patent No.(s)

09/000,978 filed December 30, 1997

Additional numbers attached? [] Yes [X] 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 E

Enclosed
 Authorized to be charged to deposit account MS

8. Deposit account number: 23-0804

(Attach duplicate copy of this page if paying by deposit account)

06/19/1998 TTOM11 00000063 09000978

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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.

Charles L. Gagnebin III
Name of Person Signing

25,467
Registration No.

[Signature]
Signature

6-4-98
Date

Total number of pages including cover sheet, attachments, and document: [3]

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

CLG:mcs/122553

PATENT
REEL: 9244 FRAME: 0219

A S S I G N M E N T

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Christophe Koppel, residing at 85 Rue du Grenat, 77176 Nandy, France, and Dominique Valentian, residing at 119 Rue Nationale, 78710 Rosny, France, hereby sell and assign to SOCIÉTÉ NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION, a French corporation having a principal place of business at 2 Brd du Général Martial Valin, 75015, Paris, France, its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries in and to our invention in

A METHOD AND A SYSTEM FOR LAUNCHING SATELLITES SIMULTANEOUSLY
ON NON-COPLANAR ORBITS BY USING HIGHLY ECCENTRIC ORBITS
AND ATMOSPHERIC BRAKING

and the application for United States Letters Patent therefor filed on December 30, 1997, Application No. 09/000,978, and such patents as may issue thereon, and all divisions, reissues and continuations and continuations-in-part thereof.

And we hereby covenant that we have full right to make such assignment, and agree for ourselves and our executors and administrators that we will, at the expense of said SOCIÉTÉ NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION, execute all applications for patents in foreign countries, execute all divisional, continuing, reissue and re-examination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said SOCIÉTÉ NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION, its successors and assigns, to obtain and enforce proper patent protection for said invention in the United States, its territories and all foreign countries.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to SOCIÉTÉ NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION, its successors and assigns.

BDL-256XX

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

Christophe Koppel.
Christophe Koppel

Date: March 13, 1998

Witness:

Date: _____

Dominique Valentian
Dominique Valentian

Date: March 13, 1998

Witness:

Date: _____

114885