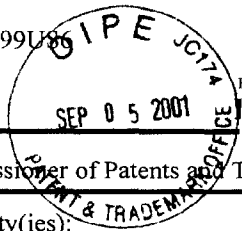


09-11-2001



101839810

To the Honorable Commissioner of Patents and Trademarks, al documents or copy thereof.

1. Name of conveying party(ies):
Emmanuel BENOIT, Jean-François BEAU and Erwan LE FLOCH
Additional name(s) of conveying party(ies) attached? Yes No

9-501

2. Name and address of receiving party(ies):
Name: EADS LAUNCH VEHICLES
Address: 37 Boulevard de Montmorency
75781 PARIS CEDEX 16, FRANCE

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

Execution Date: July 25, 2001

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

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)
09/858,572

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:



22850

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00
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PATENT

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Assignment Of Application

WHEREAS, I (WE)

1/ BENOIT Emmanuel : 6, Square Gabriel Fauré, 75017 PARIS, FRANCE

2/ BEAU Jean-François : 141, rue du Hameau, 95310 SAINT OUEN L'AUMONE, FRANCE

3/ LE FLOCH Erwan : 4, Avenue d'Aligne, 78400 CHATOU, FRANCE

respectively, have invented certain new and useful improvements in : "PYROTECHNIC ACTUATOR WITH A DEFORMABLE MEMBRANE"

for which an application for Letters Patent was executed on
(Application No. 09/858,572 , filed May 17, 2001), and

WHEREAS, EADS LAUNCH VEHICLES

(hereinafter referred to as "assignee") having a place of business at :

37 Boulevard de Montmorency
75781 PARIS CEDEX 16, FRANCE

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries ;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledge, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted thereof in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorise and request the Patent Office Officials in the United States and its territorial possessions and any all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right , title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

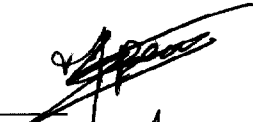
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issue to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States patent and trademark office for recordation of this document.

Date : July 25, 2001

BENOIT Emmanuel

(Signature of Inventor)



Date : July 25, 2001

BEAU Jean-François

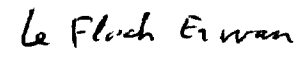
(Signature of Inventor)



Date : July 25, 2001

LE FLOCH Erwan

(Signature of Inventor)



Date : _____

(Signature of Inventor)

Date : _____

(Signature of Inventor)

Date : _____

(Signature of Inventor)

Date : _____

(Signature of Inventor)

Date : _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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