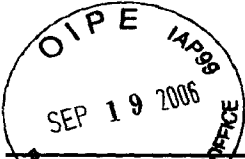


09-22-2006



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U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Attorney Docket No. 010739.49976US

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

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)/Execution Date(s):**  
  
EADS Astrium GmbH  
  
Execution Date(s) June 27, 2006  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
  
Name: EADS SPACE Transportation GmbH  
Address: Huenefeldstr. 1-5  
D-28199 Bremen  
Germany  
  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance:**  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application number(s) or patent number(s):**  This document is being filed together with a new application.  
A. Patent Application No.(s)  
  
Additional number(s) attached?  Yes  No

B. Patent Registration No.(s)  
  
6,564,542

**5. Name and address of party to whom correspondence concerning document should be mailed:**  
  
Name: Crowell & Moring LLP  
Street Address: PO Box 14300  
Washington, DC 20044-4300  
Phone Number: 202-624-2500  
Fax Number: 202-628-8844

**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 by 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 Numbers 1000  
Expiration Date 10/10  
b. Deposit Account Number 05-1323  
Authorized User Name 23911

**9. Signature:** Gary R Edwards  
Signature

September 19, 2006  
Date

Gary R. Edwards, Reg. No. 31,824  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

09/20/2006 MBERHE 00000201 6564542  
01 FC:0021 40.00 DP

Attorney Docket No. 010739.49976US

**ASSIGNMENT**

*EADS Astrium GmbH* (hereinafter "Assignor") of Muenchen, Germany is a partial owner of record of U.S. Patent No. 6,564,542, issued May 20, 2003, and entitled *Ignition System for Combustion Chambers of Rocket Engines* by virtue of an assignment and subsequent change of name recorded in the U.S. Patent and Trademark Office; and

WHEREAS, *EADS SPACE Transportation GmbH* (hereinafter "Assignee"), of Huenefeldstr. 1-5, D-28199 Bremen, Germany, is desirous of acquiring Assignor's share of the right, title, and interest in and to the said invention and in and to the said Letters Patent;

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell and assign to Assignee, its successors and assigns, its share of the entire right, title and interest in and to the said Letters Patent, and all the rights, powers, liberties and immunities conferred on the owner by the grant of the resulting Patent, including rights to sue for damages and other remedies in respect of any infringement of the Patent, which may have occurred prior to the date hereof, and the right to recover for all past infringement; and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as its interest is concerned, to Assignee, its successors and assigns.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be duly executed by its authorized representatives on the date set forth below.

Dated: 27.6.06

**EADS Astrium GmbH**

By: *E.V. Schulz*

Typed Name: Dr. Eberhard Schulz-Lipote

Title: Technology Manager Germany

ppa. *W.-S. Seemann*  
Dr. Elmar Wuns-Seemann  
Senior Legal Counsel