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U.S. Department of Commerce
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Tab settings

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

1. Name of conveying party(ies):
Jeffrey D. Gladstone
John Mouritsen

12-401

2. Name and address of receiving party(ies)
Name: Aerojet-General Corporation
Internal Address: _____
Street Address: P.O. Box 13222
City: Sacramento State: CA ZIP: 95853
Additional names and addresses attached? Yes No

Additional name(s) of conveying parties attached? Yes No.

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

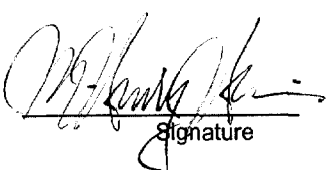
Execution Date: October 1 and 2, 2001

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): 09/910,440
B. Patent No(s): _____
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: M. Henry Heines
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 1
7. Total fee (37 CFR 3.41): -----\$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 20-1430
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.
M. Henry Heines  October 18, 2001
Name of Person Signing Signature Date
Atty. Reg. No. 28,219
Total number of pages including cover sheet, attachments and document 3

Mail documents to be recorded with required cover to:
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PATENT
REEL: 012331 FRAME: 0792

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **Jeffrey D. Gladstone**, a citizen of the U.S.A. residing at 401 Scotts Mill Court, Roseville, CA 95661; and **John Mouritsen**, a citizen of the U.S.A. residing at 1974 Vista Mar Drive, El Dorado Hills, CA 95762; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **SOLID ROCKET MOTOR BOLTED THRUST
TAKEOUT STRUCTURE**

Date(s) of execution of Declaration:

Filing Date: **July 19, 2001**

Application No.: **09/910,440; and**

WHEREAS, **Aerojet-General Corporation**, with an address at P.O. Box 13222, Sacramento, CA, 95853, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 10/01/01

Jeffrey D. Gladstone
Jeffrey D. Gladstone

STATE OF CALIFORNIA)
)
COUNTY OF SACRAMENTO) ss.

On October 1, 2001, before me, Rosidani Leimer, personally appeared Jeffrey D. Gladstone, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Rosidani Leimer
NOTARY PUBLIC

My Commission Expires: 3-3-04

Dated: 10/2/01

John Mouritsen
John Mouritsen

STATE OF CALIFORNIA)
)
COUNTY OF) ss.

On October 2, 2001, before me, Rosidani Leimer, personally appeared John Mouritsen, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Rosidani Leimer
NOTARY PUBLIC

My Commission Expires: _____