

06-02-1999

FORM PTO-1594  
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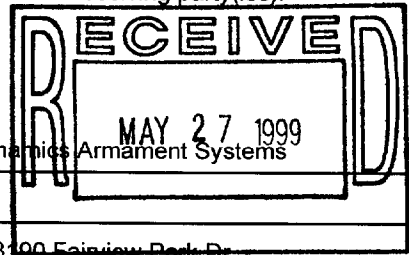
U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 6912.0147

To the Honorable Commissioner of Patents and 101053361  
Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies): NRD  
5-27-99  
David R. Baxter  
Edward A. Proulx  
Bernard A. Derry  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: General Dynamics Armament Systems  
Internal Address:  
Street Address: 3100 Fairview Park Dr.  
City: Falls Church  
State: Virginia Zip Code: 22042-4523



3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: \_\_\_\_\_

Additional name(s) & 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: ==  
A. Patent Application Number(s):  
09/229,587  
Additional numbers attached?  Yes  No

B. Patent Number(s):

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: James W. Edmondson, Esq.  
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

6. Total number of applications and registrations involved: 1  
7. Total fee (37 CFR 3.41): \$40  
  
Enclosed (Please charge deficiency to deposit account)   
Authorized to be charged to deposit account

Street Address: 1300 I Street, N.W.  
City: Washington  
State: DC Zip: 20005-3315

8. Deposit account number: 06-0916

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.

James W. Edmondson (Reg. No. 33,871)  
06/01/1999 DNGUYEN 00000266 09229587  
01 FC:581 40.00 OP  
Total number of pages including cover sheet, attachments and documents: 3

JWEdmondson  
Signature

May 27, 1999  
Date

SOLE/JOINT INVENTION  
(Worldwide Rights)

**ASSIGNMENT**

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

**VARIABLE SPEED COMMON AXIS CONTROL SPROCKETS USED  
IN A SHELL CASING UNLOADING DEVICE**

5/21/99  
 X *DLB*  
 + *BOB*  
 + *EAP*

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on January 13, 1999 (Serial No. 09/229,587); and  
 3190 Fairview Park, Dr., Falls Church, VA 22042-4523 Delaware  
 ↓ WHEREAS, **GENERAL DYNAMICS ARMAMENT SYSTEMS**, a corporation of ~~Vermont~~ and whose post office address is ~~Lakeside Avenue, Burlington, Vermont 05407-4985~~ (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, provisional application Serial No. 60/071,431, filed January 14, 1998, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of Chittenden )  
 State of Vermont )

ss.

David R. Baxter  
 RD 2, Box 155 19 EDWARD DR.  
 Waterbury Center, VT 05677 SHELburnE, VT 0548

David R. Baxter  
 David R. Baxter

Date: 3/2/99 ✓

Subscribed and sworn to before me this 2nd day of March, 1999.  
Karla A. Munson, Notary Public

SOLE/JOINT INVENTION  
(Worldwide Rights)

County of Chittenden )  
State of Vermont )

ss.

Edward A. Proulx  
22 Cross Parkway  
Burlington, VT 05401

Edward A. Proulx  
Edward A. Proulx

Date: 3/3/99 ✓

Subscribed and sworn to before me this 3rd day of March, 1999.  
Karla Ann Merson, Notary Public

County of Chittenden )  
State of Vermont )

ss.

Bernard A. Derry  
29 Margaret Street  
Essex Junction, VT 05452

Bernard A. Derry  
Bernard A. Derry

Date: 2 MAR 99 ✓

Subscribed and sworn to before me this 2nd day of March, 1999.  
Karla Ann Merson, Notary Public