

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings		<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
<b>1. Name of conveying party(ies):</b>  <u>McDonnell Douglas Helicopter Company</u>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<b>2. Name and address of receiving party(ies)</b> Name: <u>ATK Gun Systems Company LLC</u> Internal Address: _____ _____ _____ Street Address: <u>3309 North Reseda Circle</u> _____ _____ City: <u>Mesa</u> State: <u>AZ</u> Zip: <u>85215</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			<b>4. Application number(s) or patent number(s):</b> 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) _____ <u>See Attached List</u> Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <u>Debbie Ledbeter</u> Internal Address: <u>Alliant Techsystems Inc.</u> <u>MN01-2070</u> _____ Street Address: <u>5050 Lincoln Drive</u> _____ City: <u>Edina</u> State: <u>MN</u> Zip: <u>55436</u>			<b>6. Total number of applications and patents involved:</b> <u>8</u> <b>7. Total fee (37 CFR 3.41).....\$</b> <u>320.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <b>8. Deposit account number:</b> <u>01-0481</u>		
<b>DO NOT USE THIS SPACE</b>					
<b>9. Signature.</b>  <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>Bruce C. Anderson</u>            Name of Person Signing         </div> <div style="width: 30%; text-align: center;">             Signature         </div> <div style="width: 30%; text-align: right;"> <u>4-12-04</u>            Date         </div> </div> <div style="text-align: right; margin-top: 5px;">           Total number of pages including cover sheet, attachments, and documents: <u>6</u> </div>					

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

**PATENT**

**REEL: 014506 FRAME: 0930**

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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

**Continuation of Item 4:**

**4. Application number(s) or patent number(s):**

**A. Patent Application No.(s):**

**B. Patent No.(s):**

4,418,607

4,658,701

4,665,793

4,697,496

4,715,263

4,889,031

5,726,375

5,922,987

### ASSIGNMENT OF PATENTS

THIS ASSIGNMENT OF PATENTS dated as of May 31, 2002, made and delivered pursuant to Sections 7.4 and 8.4 of the Asset Purchase Agreement dated as of March 14, 2002, (the "Asset Purchase Agreement") by and between McDonnell Douglas Helicopter Company, a Delaware corporation (the "Assignor"), and ATK Gun Systems Company LLC, a Delaware limited liability company (the "Assignee"). Unless otherwise indicated, capitalized terms used and not defined herein will have the meanings ascribed to such terms in the Asset Purchase Agreement.

In connection with the consummation on the date hereof of the transactions contemplated in the Asset Purchase Agreement, the Assignor has agreed to transfer all of its rights in and to all of the patents listed on Exhibit A attached hereto to the Assignee.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor does hereby sell, assign and transfer to the Assignee, and its successors and assigns, all right, title, and interest of the Assignor in, to, and under the patents listed on Exhibit A (which is incorporated into and made a part of this Assignment of Patents) together with all of the goodwill associated with such patents, together with all rights to sue and recover for any past, present or future infringements, dilution, damage or injury (and including the right to take over and continue any and all existing suits) to any of the foregoing and collect profits or damages with respect to same, the same to be held and enjoyed hereinafter by the Assignee for its own use and for the use of its successor and assigns.

\* \* \* \* \*

IN WITNESS WHEREOF, the undersigned parties have caused this Assignment to be executed as of the date first written above.

McDonnell Douglas Helicopter Company

By: 

Name: Joseph M. Hepworth

Its: Counsel and Assistant Secretary

ATK Gun Systems Company LLC

By: 

Name: Michael B. Dolby

Its: Authorized Signatory

## EXHIBIT A

<u>Patent</u>	<u>Patent No.</u>	<u>Date</u>
Single Barrel Externally Powered Gun	4,418,607	12/6/83*
Side Stripping Mechanism for Linked Ammunition	4,658,701	4/21/87
Weapon with Next Round Select Feed System	4,665,793	5/19/87
Method and Apparatus for Handling Beltless Ammunition in a Twin- Barreled Gun	4,697,496	10/6/87
Roll Turret for a Gun Mount	4,715,263	12/29/87
Firearm Loading Mechanism for an Automated Cannon	4,889,031	12/26/89
Gun Barrel Shrouding System	5,726,375	3/10/98
Hydraulic Traverse and Elevation Mechanism	5,922,987	7/13/99

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\* Expired

Assignment of Patents, p. 3 of 3