

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3559795

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
BANK OF AMERICA, N.A.	09/29/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	ALLIANT TECHSYSTEMS INC.
<b>Street Address:</b>	45101 WARP DRIVE
<b>City:</b>	DULLES
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	20166

**PROPERTY NUMBERS Total: 127**

Property Type	Number
Patent Number:	6525814
Patent Number:	6606851
Patent Number:	6620626
Patent Number:	6779335
Patent Number:	6881374
Patent Number:	6904755
Patent Number:	6906685
Patent Number:	6927736
Patent Number:	6951161
Patent Number:	6959491
Patent Number:	6984746
Patent Number:	6994324
Patent Number:	6997492
Patent Number:	7051659
Patent Number:	7077011
Patent Number:	7077048
Patent Number:	7083753
Patent Number:	7121716
Patent Number:	7124689
Patent Number:	7149434

PATENT

<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7197982
<b>Application Number:</b>	08335057
<b>Application Number:</b>	10117314
<b>Application Number:</b>	10727093
<b>Application Number:</b>	10728733
<b>Application Number:</b>	10734726
<b>Application Number:</b>	10744930
<b>Application Number:</b>	10801948
<b>Application Number:</b>	10837952
<b>Application Number:</b>	10858809
<b>Application Number:</b>	10870889
<b>Application Number:</b>	10891958
<b>Application Number:</b>	10903871
<b>Application Number:</b>	10913162
<b>Application Number:</b>	10915210
<b>Application Number:</b>	10929931
<b>Application Number:</b>	10931778
<b>Application Number:</b>	10938446
<b>Application Number:</b>	10969194
<b>Application Number:</b>	10984337
<b>Application Number:</b>	10994497
<b>Application Number:</b>	10995883
<b>Application Number:</b>	11014524
<b>Application Number:</b>	11079925
<b>Application Number:</b>	11080357
<b>Application Number:</b>	11091661
<b>Application Number:</b>	11093633
<b>Application Number:</b>	11109491
<b>Application Number:</b>	11148955
<b>Application Number:</b>	11156774
<b>Application Number:</b>	11170261
<b>Application Number:</b>	11207855
<b>Application Number:</b>	11207850
<b>Application Number:</b>	11213416
<b>Application Number:</b>	11163119
<b>Application Number:</b>	11249143
<b>Application Number:</b>	11163271
<b>Application Number:</b>	11163446

<b>Property Type</b>	<b>Number</b>
Application Number:	11271359
Application Number:	11284511
Application Number:	11329201
Application Number:	11329215
Application Number:	11341738
Application Number:	11341706
Application Number:	11342736
Application Number:	11348537
Application Number:	11354191
Application Number:	11362442
Application Number:	11367000
Application Number:	11366252
Application Number:	11369908
Application Number:	11400718
Application Number:	11409257
Application Number:	11431387
Application Number:	11432021
Application Number:	11435375
Application Number:	11435366
Application Number:	11435382
Application Number:	11435298
Application Number:	11437006
Application Number:	11438084
Application Number:	11442677
Application Number:	11445910
Application Number:	11476455
Application Number:	11482881
Application Number:	11502974
Application Number:	11502810
Application Number:	11504977
Application Number:	11512058
Application Number:	11536574
Application Number:	11538763
Application Number:	11553361
Application Number:	60863081
Application Number:	11553752
Application Number:	11555029
Application Number:	11556988

Property Type	Number
Application Number:	11559867
Application Number:	11560991
Application Number:	11564714
Application Number:	60875323
Application Number:	11613441
Application Number:	11613497
Application Number:	11620205
Application Number:	11677638
Application Number:	12363547
Application Number:	12369529
Application Number:	12369557
Application Number:	12391383
Application Number:	12397651
Application Number:	12401097
Application Number:	12404593
Application Number:	12404815
Application Number:	12406778
Application Number:	12410283
Application Number:	12411762
Application Number:	12414281
Application Number:	12426001
Application Number:	12434826
Application Number:	12434839
Application Number:	12465407
Application Number:	12465835
Application Number:	12473383
Application Number:	12478019
Application Number:	12479251
Application Number:	12483613
Application Number:	12484960
Application Number:	12484985

**CORRESPONDENCE DATA**

**Fax Number:**

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Email:** michael.barys@thomsonreuters.com

**Correspondent Name:** ELAINE CARRERA, LEGAL ASSISTANT

**Address Line 1:** 80 PINE STREET

**Address Line 2:** C/O CAHILL GORDON & REINDAL LLP

**PATENT**

**Address Line 4:** NEW YORK, NEW YORK 10005

**NAME OF SUBMITTER:** ELAINE CARRERA

**SIGNATURE:** /Michael Barys/

**DATE SIGNED:** 10/07/2015

**Total Attachments: 17**

source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page1.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page2.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page3.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page4.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page5.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page6.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page7.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page8.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page9.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page10.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page11.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page12.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page13.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page14.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page15.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page16.tif  
source=ATK\_IPSA\_Release\_3608-0342 (PATENTS)#page17.tif

### 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)**  
Bank of America, N.A.

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: Alliant Techsystems Inc.  
Internal Address: \_\_\_\_\_  
Street Address: 45101 Warp Drive  
City: Dulles  
State: VA  
Country: USA Zip: 20166

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

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) September 29, 2015

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other Release of Security Interest

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
See attached patent schedules

B. Patent No.(s)  
See attached patent schedules

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Elaine Carrera, Legal Assistant  
Internal Address: \_\_\_\_\_  
Street Address: c/o Cahill Gordon & Reindel LLP  
80 Pine Street  
City: New York  
State: NY Zip: 10005  
Phone Number: (212) 701-3365  
Docket Number: \_\_\_\_\_  
Email Address: ecarrera@cahill.com

**6. Total number of applications and patents involved:** 127

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** \_\_\_\_\_

Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:** Elaine Carrera September 29, 2015  
Signature Date

Elaine Carrera  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 17

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## INTELLECTUAL PROPERTY SECURITY AGREEMENT RELEASE

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT RELEASE (this "**Release**") is made effective as of September 29, 2015, by Bank of America, N.A. ("**Bank of America**"), as Agent (the "**Agent**") for the Secured Parties (as defined in the Credit Agreement referred to below), in favor of Alliant Techsystems Inc.; Ammunition Accessories Inc.; ATK Commercial Ammunition Company Inc.; ATK Commercial Ammunition Holdings Company Inc.; ATK Launch Systems Inc.; ATK Space Systems Inc.; Federal Cartridge Company; and Micro Craft Inc. (collectively, the "**Grantors**").

WHEREAS, Alliant Techsystems Inc., a Delaware corporation, has entered into an Amended and Restated Credit Agreement dated as of March 29, 2007 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "**Credit Agreement**"), with Bank of America, N.A., as Agent, and the other Agents and the Arrangers party thereto. Terms defined in the Credit Agreement and not otherwise defined herein are used herein as defined in the Credit Agreement;

WHEREAS, as a condition precedent to the making of Loans by the Lenders and the issuance of Letters of Credit by the L/C Issuers under the Credit Agreement and the entry into Secured Hedge Agreements by the Hedge Banks from time to time, each Grantor has executed and delivered that certain Amended and Restated Security Agreement dated March 29, 2007 made by the Grantors to the Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the "**Security Agreement**");

WHEREAS, under the terms of the Security Agreement, the Grantors entered into that certain Intellectual Property Security Agreement, dated as of March 29, 2007 (the "**IP Security Agreement**") whereby the Grantors granted to the Agent a security interest in and to certain intellectual property of the Grantors;

WHEREAS, that certain IP Security Agreement, dated as of March 29, 2007, was recorded with the United States Patent and Trademark Office on August 24, 2007 at Reel 19733 and Frame 757 with respect to U.S. patents and patent applications, and at Reel 3608 and Frame 342 with respect to U.S. trademarks and trademark applications;

WHEREAS, that certain IP Security Agreement Supplement, dated as of April 24, 2009, was recorded with the United States Patent Trademark Office on September 24, 2009 at Reel 23275 and Frame 412 with respect to U.S. patents and patent applications, and at Reel 4067 and Frame 0351 with respect to U.S. trademarks and trademark applications;

WHEREAS, that certain IP Security Agreement Supplement, dated as of July 5, 2009, was recorded with the United States Patent Trademark Office on November 4, 2009 at Reel 23470 and Frame 391 with respect to U.S. patents and patent applications, and at Reel 4091 and Frame 80 with respect to U.S. trademarks and trademark applications; and

WHEREAS, in accordance with the provisions of the IP Security Agreement, the Agent now desires to release its security interest in and to the Collateral (as defined below).

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Agent hereby agrees as follows:

SECTION 1. Release of Grant of Security. The Agent hereby releases to the Grantors its security interest in all of the Grantors' right, title and interest in and to the following (the "*Collateral*");

- (i) all patents and patent applications set forth in Schedule A hereto (the "*Patents*");
- (ii) all trademarks, service marks, domain names, trade dress, logos, designs, slogans, trade names, business names, corporate names and other source identifiers, whether registered or unregistered set forth in Schedule B hereto, together, in each case, with the goodwill symbolized thereby (the "*Trademarks*");
- (iii) all copyrights, whether registered or unregistered, now owned or hereafter acquired by Grantors, including, without limitation, the copyright registrations and applications and exclusive copyright licenses set forth in Schedule C hereto (the "*Copyrights*");
- (iv) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of Grantors accruing thereunder or pertaining thereto;
- (v) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing; and
- (vi) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing.

SECTION 2. Recordation. The Agent authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this Release.


SECTION 3. Governing Law. This Release shall be governed by, and construed in accordance with, the laws of the State of New York.

[Signature Page Follows]



IN WITNESS WHEREOF, the Agent has caused this Release to be executed by its duly authorized officer.

BANK OF AMERICA, N.A., as Agent

By: 

Name: Robert Rittelmeyer

Title: Vice President

[Signature Page to Intellectual Property Security Agreement Release]

**PATENT**  
**REEL: 036807 FRAME: 0679**

Apparatus and Method For Producing a Spectrally Variable Radiation Source and Systems Including Same	USA	6525814	25-Feb-2003	09/425595	22-Oct-1999	Mission Research Corporation
Transpiration Cooling of Rocket Engines	USA	6606851	19-Aug-2003	09/546830	06-Sep-2001	Alliant Techsystems Inc.
Antigen Detection Device and Method	USA	6620626	16-Sep-2003	09/636772	09-Aug-2000	Mission Research Corporation
Burning Nitrous Oxide and a Fuel	USA	6779335	24-Aug-2004	10/004831	07-Dec-2001	Alliant Techsystems Inc.
Apparatus and Method for Induction Lamination of Electrically Conductive Fiber Reinforced Composite Materials	USA	6691374	19-Apr-2005	10/253032	24-Sep-2002	Army Research Laboratory
Rocket Motor Nozzle Assemblies Having Vacuum Plasma-Sprayed Refractory Metal Shell Throat Inserts, Methods of Making, and Rocket Motors Including Same	USA	6904755	14-Jun-2005	10/768731	28-Jan-2004	Alliant Techsystems Inc.
Electromagnetic-Field Polarization Twister	USA	6906685	14-Jun-2005	10/348044	17-Jan-2003	Mission Research Corporation
System and Method For Integrating Antennas into a Vehicle Rear-Deck Spoiler	USA	6927736	09-Aug-2005	10/440449	16-May-2003	Mission Research Corporation
Smooth Bore Second Environment Sensing	USA	6951181	04-Oct-2005	10/737032	15-Dec-2003	Alliant Techsystems Inc.
Strain Control Device For Attaching Transmission Lines to Deformable Structures and Methods Employing Same	USA	6958491	01-Nov-2005	10/871149	18-Jun-2004	Alliant Techsystems Inc.
Method For the Production of Alpha-Alane	USA	6984746	10-Jan-2006	10/947078	22-Sep-2004	Alliant Techsystems Inc.
Fiber Redirect System, Multi-Axis Robotic Wrist and Fiber Placement Apparatus Incorporating Same and Related Methods	USA	6994324	07-Feb-2006	10/428332	02-May-2003	Alliant Techsystems Inc.
Manual Container Lifter	USA	6997492	14-Feb-2006	10/890260	20-May-2004	Alliant Techsystems Inc.
Projectile Structure	USA	7051659	30-May-2006	10/164718	10-Jun-2002	Alliant Techsystems Inc.
Apparatus and Method For Measuring Stress at an Interface	USA	7077011	18-Jul-2006	10/783488	23-Jan-2004	Alliant Techsystems Inc.

Multi-Layered Momentum Trap Ballistic Armor	USA	7077048	18-Jul-2006	10/805955	22-Mar-2004	ATK/SWRN/IRA
Honeycomb Core Composite Article and Method and Apparatus For Making Same	USA	7083753	01-Aug-2006	10/737687	16-Dec-2003	Composite Optics, Incorporated
Mixing Equipment Sealing Device	USA	7121718	17-Oct-2006	10/813180	30-Mar-2004	Alliant Techsystems Inc.
Method and Apparatus For Autonomous Detonation Delay in Munitions	USA	7124689	24-Oct-2006	10/994754	22-Nov-2004	Alliant Techsystems Inc.
System and Method For Optical Communication	USA	7149434	12-Dec-2006	10/107528	25-Mar-2002	Mission Research Corporation
Method For Detection of Media Layer By a Penetrating Weapon and Related Apparatus and Systems	USA	7187982	03-Apr-2007	11/147860	08-Jun-2005	Alliant Techsystems Inc.

### Pending Applications

08/335057	04-Nov-1994	Alliant Techsystems Inc.
10/117314	05-Apr-2002	AEC-Able Engineering Co., Inc.
10/727093	02-Dec-2003	Alliant Techsystems Inc.
10/728733	05-Dec-2003	Alliant Techsystems Inc.
10/734726	12-Dec-2003	AEC-Able Engineering Co., Inc.
10/744930	22-Dec-2003	Alliant Techsystems Inc.
10/801948	15-Mar-2004	Alliant Techsystems Inc.
10/837952	03-May-2004	Alliant Techsystems Inc.
10/858809	02-Jun-2004	Alliant Techsystems Inc.
10/870889	16-Jun-2004	Alliant Techsystems Inc.
10/891858	15-Jul-2004	Alliant Techsystems Inc.
10/903871	30-Jul-2004	Alliant Techsystems Inc.
10/913182	05-Aug-2004	Alliant Techsystems Inc./ARDEC
10/915210	10-Aug-2004	Alliant Techsystems Inc.
10/929901	30-Aug-2004	Alliant Techsystems Inc.
10/931778	31-Aug-2004	Alliant Techsystems Inc.
10/938446	10-Sep-2004	Alliant Techsystems Inc.
10/953194	17-Sep-2004	Alliant Techsystems Inc.
10/984337	08-Nov-2004	Alliant Techsystems Inc.
10/994487	22-Nov-2004	Alliant Techsystems Inc.
10/995883	23-Nov-2004	Alliant Techsystems Inc./ARDEC
11/014524	16-Dec-2004	Alliant Techsystems Inc.
11/079925	14-Mar-2005	Alliant Techsystems Inc.
11/089357	15-Mar-2005	Alliant Techsystems Inc.

11/091061	28-Mar-2005	Alliant Techsystems Inc.
11/093633	30-Mar-2005	Alliant Techsystems Inc.
11/100491	19-Apr-2005	Army Research Laboratory
11/148955	09-Jun-2005	Alliant Techsystems Inc.
11/156774	20-Jun-2005	Alliant Techsystems Inc.
11/170261	29-Jun-2005	Alliant Techsystems Inc.
11/207855	18-Aug-2005	Alliant Techsystems Inc.
11/207850	18-Aug-2005	Alliant Techsystems Inc.
11/213416	28-Aug-2005	Alliant Techsystems Inc.
11/163119	05-Oct-2005	Alliant Techsystems Inc.
11/249143	11-Oct-2005	AEC-Able Engineering Co., Inc.
11/163271	12-Oct-2005	Alliant Techsystems Inc.
11/163446	19-Oct-2005	Alliant Techsystems Inc.
11/271359	09-Nov-2005	Alliant Techsystems Inc./ARDEC
11/284511	22-Nov-2005	Alliant Techsystems Inc.
11/320201	09-Jan-2006	Alliant Techsystems Inc.
11/329215	10-Jan-2006	Alliant Techsystems Inc.
11/341738	27-Jan-2006	Alliant Techsystems Inc.
11/341706	27-Jan-2006	Alliant Techsystems Inc.
11/342736	30-Jan-2006	Alliant Techsystems Inc.
11/348537	06-Feb-2006	Alliant Techsystems Inc.
11/354191	14-Feb-2006	Alliant Techsystems Inc.
11/362442	24-Feb-2006	Alliant Techsystems Inc.
11/367000	02-Mar-2006	Alliant Techsystems Inc.
11/366252	02-Mar-2006	Alliant Techsystems Inc.
11/368906	07-Mar-2006	Alliant Techsystems Inc.
11/400718	07-Apr-2006	Alliant Techsystems Inc.
11/409257	21-Apr-2006	Alliant Techsystems Inc.
11/431387	08-May-2006	Alliant Techsystems Inc.
11/432021	11-May-2006	Alliant Techsystems Inc.
11/435375	16-May-2006	Alliant Techsystems Inc.
11/435386	16-May-2006	Alliant Techsystems Inc.
11/435382	16-May-2006	Alliant Techsystems Inc.
11/435298	16-May-2006	Alliant Techsystems Inc.
11/437008	17-May-2006	Alliant Techsystems Inc.
11/438084	19-May-2006	Alliant Techsystems Inc.
11/442577	25-May-2006	Alliant Techsystems Inc.
11/445910	02-Jun-2006	Alliant Techsystems Inc.
11/476456	29-Jun-2006	Alliant Techsystems Inc.
11/482881	07-Jul-2006	Alliant Techsystems Inc.
11/502874	11-Aug-2006	Alliant Techsystems Inc./RadioRX
11/502810	11-Aug-2006	Alliant Techsystems Inc./RadioRX
11/504977	16-Aug-2006	Alliant Techsystems Inc.
11/512058	29-Aug-2006	Alliant Techsystems Inc.
11/536574	28-Sep-2006	Alliant Techsystems Inc.

11/538763	04-Oct-2006	Alliant Techsystems Inc.
11/553361	26-Oct-2006	Alliant Techsystems Inc.
60/863081	26-Oct-2006	ATK/University of California, Santa Barbara
11/553752	27-Oct-2006	Alliant Techsystems Inc.
11/555029	31-Oct-2006	Alliant Techsystems Inc.
11/556668	06-Nov-2006	Alliant Techsystems Inc./Columbia University
11/559867	14-Nov-2006	Alliant Techsystems Inc.
11/560991	17-Nov-2006	Alliant Techsystems Inc.
11/564714	23-Nov-2006	Alliant Techsystems Inc.
60/875323	16-Dec-2006	Alliant Techsystems Inc.
11/613441	20-Dec-2006	Alliant Techsystems Inc.
11/613497	20-Dec-2006	Alliant Techsystems Inc.
11/620205	05-Jan-2007	Alliant Techsystems Inc.
11/677638	22-Feb-2007	Alliant Techsystems Inc.

Application Number	Filing Date	Owner Name
12/363547	30-Jan-2009	Alliant Techsystems Inc.
12/369529	11-Feb-2009	Eagle Industries Unlimited, Inc.
12/369557	11-Feb-2009	Eagle Industries Unlimited, Inc.
12/391383	24-Feb-2009	Alliant Techsystems Inc.
12/397651	04-Mar-2009	Alliant Techsystems Inc./RadioRX
12/401097	10-Mar-2009	Alliant Techsystems Inc.
12/404593	16-Mar-2009	Alliant Techsystems Inc.
12/404815	16-Mar-2009	Alliant Techsystems Inc.
12/406778	18-Mar-2009	Alliant Techsystems Inc.
12/410283	24-Mar-2009	Alliant Techsystems Inc.
12/411762	26-Mar-2009	Alliant Techsystems Inc./Reynolds Systems, Inc.
12/414281	30-Mar-2009	Alliant Techsystems Inc.

Application Number	Filing Date	Owner
12/426001	17-Apr-2009	Alliant Techsystems Inc.
12/434826	04-May-2009	Alliant Techsystems Inc.
12/434839	04-May-2009	Alliant Techsystems Inc.
12/465407	13-May-2009	Alliant Techsystems Inc.
12/465835	14-May-2009	Alliant Techsystems Inc.
12/473383	23-May-2009	Alliant Techsystems Inc.
12/478019	04-Jun-2009	Alliant Techsystems Inc.
12/479251	05-Jun-2009	Alliant Techsystems Inc.
12/483613	12-Jun-2009	Alliant Techsystems Inc.
12/484960	18-Jun-2009	Alliant Techsystems Inc.
12/484985	15-Jun-2009	Alliant Techsystems Inc.

**SCHEDULE B**  
**TRADEMARKS**

INFALLIBLE	Alliant Techsystems Inc.	USA	562322	05-Dec-1947	514175	23-Aug-1949
HERCO	Alliant Techsystems Inc.	USA	71/238655	15-Oct-1926	225253	15-Mar-1927
TOXIC-METAL FREE	Federal Cartridge Company	USA	75/027144	04-Dec-1995	2018517	19-Nov-1996
BUSHMASTER OUTERS (stylized and/or with design)	Alliant Techsystems Inc.	USA	75/186423	16-Sep-1996	2188338	23-Jun-1998
OUTERS (stylized and/or with design)	Alliant Techsystems Inc.	USA	77/017488	10-Oct-2006	3229040	17-Apr-2007
OUTERS (stylized and/or with design)	Alliant Techsystems Inc.	USA	77/017485	10-Oct-2006	3229041	17-Apr-2007
OUTERS (stylized and/or with design)	Alliant Techsystems Inc.	USA	77/017489	10-Oct-2006	3229042	17-Apr-2007
D-lect	Mission Research Corporation	USA	78/184461	13-Nov-2002	2933990	15-Mar-2005
rad-D	Mission Research Corporation	USA	78/184472	13-Nov-2002	2933991	15-Mar-2005
mini rad-D	Mission Research Corporation	USA	78/184478	13-Nov-2002	2936796	05-Apr-2005
RAD-ID	Mission Research Corporation	USA	78/184500	13-Nov-2002	2924151	01-Feb-2005
FEDERAL	Federal Cartridge Company	USA	79/332028	24-Nov-2003	3189337	16-Jan-2007
PREMIUM	Federal Cartridge Company	USA	79/332029	24-Nov-2003	3209544	13-Feb-2007

THE LEADER IN RIMFIRE AMMUNITION	Alliant Techsystems Inc.	USA	78/406906	23-Apr-2004	3151677	03-Oct-2006
THE LEADER IN RIMFIRE AMMUNITION	Alliant Techsystems Inc.	USA	78/406946	23-Apr-2004	3072262	21-Mar-2006
THE LEADER IN RIMFIRE AMMUNITION	Alliant Techsystems Inc.	USA	78/406948	23-Apr-2004	3086801	02-May-2006
OW (Stylized)	Alliant Techsystems Inc.	USA	78/407171	23-Apr-2004	3061142	21-Feb-2006
CCI	Alliant Techsystems Inc.	USA	78/411019	30-Apr-2004	3174875	21-Nov-2006
CCI	Alliant Techsystems Inc.	USA	78/411021	30-Apr-2004	3140538	26-Sep-2006
EVERY SHOT COUNTS	Federal Cartridge Company	USA	78/414968	07-May-2004	3068273	14-Mar-2006
EVERY SHOT COUNTS	Federal Cartridge Company	USA	78/414969	07-May-2004	3138638	29-Aug-2006
SUPER SPORT	Alliant Techsystems Inc.	USA	78/418169	13-May-2004	3022068	29-Nov-2006
S&T	Alliant Techsystems Inc.	USA	78/418178	13-May-2004	3112769	04-Jul-2006
E-BIRD	Alliant Techsystems Inc.	USA	78/418808	14-May-2004	3138658	05-Sep-2006
DEDICATED TO MAKING A DIFFERENCE	Alliant Techsystems Inc.	USA	78/418893	14-May-2004	3044826	17-Jan-2006
RCBS PROCENTER Logo (Color)	Alliant Techsystems Inc.	USA	78/421225	19-May-2004	3183528	24-Oct-2006
RCBS PROCENTER	Alliant Techsystems Inc.	USA	78/421226	19-May-2004	3183529	24-Oct-2006
RCBS PROCENTER ALLIANT POWDER CCI SPEER FEDERAL Logo (Color)	Alliant Techsystems Inc.	USA	78/422066	26-May-2004	3133909	22-Aug-2006
ULTRAMATCH	Federal Cartridge Company	USA	78/426246	27-May-2004	3098582	23-May-2006
GUN-DRI	Alliant Techsystems Inc.	USA	78/431799	08-Jun-2004	3146416	19-Sep-2006
NU-GUN	Alliant Techsystems Inc.	USA	78/431809	08-Jun-2004	3116101	18-Jul-2006
TRUSALL	Federal Cartridge Company	USA	78/452570	19-Jul-2004	3115118	11-Jul-2006
ESTATE	Federal Cartridge Company	USA	78/452572	19-Jul-2004	2970760	19-Jul-2005
ECl	Federal Cartridge Company	USA	78/452574	19-Jul-2004	2995068	13-Sep-2005
GUNSLICK (stylized and/or with design) Color	Alliant Techsystems Inc.	USA	78/458366	26-Jul-2004	3136739	29-Aug-2006



GUNSLICK (stylized and/or with design) Color	Alliant Techsystems Inc.	USA	78/456306	26-Jul-2004	3130820	15-Aug-2006
GUNSLICK (stylized and/or with design)	Alliant Techsystems Inc.	USA	78/456435	26-Jul-2004	3159538	07-Nov-2006
GUNSLICK (stylized and/or with design)	Alliant Techsystems Inc.	USA	78/456437	26-Jul-2004	3133973	22-Aug-2006
GUNSLICK (stylized and/or with design)	Alliant Techsystems Inc.	USA	78/456440	26-Jul-2004	3189539	07-Nov-2006
GUNSLICK (stylized and/or with design)	Alliant Techsystems Inc.	USA	78/456442	26-Jul-2004	3136740	29-Aug-2006
GUN-FLUSH	Alliant Techsystems Inc.	USA	78/460333	02-Aug-2004	3182048	05-Dec-2006
GAMEPOINT	Alliant Techsystems Inc.	USA	78/460334	02-Aug-2004	3011104	01-Nov-2005
FLITECONTROL	Alliant Techsystems Inc.	USA	78/460569	02-Aug-2004	3099182	30-May-2006
GAMEPOINT (Varmint/Moon Color Design)	Alliant Techsystems Inc.	USA	78/462376	05-Aug-2004	3144240	19-Sep-2006
GAMEPOINT & Color Design	Alliant Techsystems Inc.	USA	78/462377	05-Aug-2004	3,006,782	25-Oct-2005
GAMEPOINT (Stylized)	Alliant Techsystems Inc.	USA	78/462383	05-Aug-2004	3011126	01-Nov-2005
FEDERAL PREMIUM HEADSTAMP Logo	Alliant Techsystems Inc.	USA	78/462386	05-Aug-2004	3177833	26-Nov-2006
FEDERAL PREMIUM HEADSTAMP Logo	Alliant Techsystems Inc.	USA	78/462388	05-Aug-2004	3225603	03-Apr-2007
HEADSTAMP Logo	Alliant Techsystems Inc.	USA	78/462391	05-Aug-2004	3169562	07-Nov-2006
HIGH DENSITY HEAVY FIELD LOAD	Alliant Techsystems Inc. Federal Cartridge Company	USA USA	78/464528 78/464760	09-Aug-2004 10-Aug-2004	3022250 3080041	29-Nov-2006 21-Feb-2006
EASYBIRD	Alliant Techsystems Inc.	USA	78/474904	27-Aug-2004	3127817	08-Aug-2006
ULTRA-KLENZ	Alliant Techsystems Inc.	USA	78/474910	27-Aug-2004	3151844	03-Oct-2006
GUN-SEAL	Alliant Techsystems Inc.	USA	78/474915	27-Aug-2004	3066821	07-Mar-2006
PRECISION TUNED	Alliant Techsystems Inc.	USA	78/486043	20-Sep-2004	3128217	08-Aug-2006
FUSION	Alliant Federal Cartridge Company	USA	78/486560	20-Sep-2004	3146532	19-Sep-2006
CCI	Alliant Techsystems Inc.	USA	78/487090	21-Sep-2004	3143215	12-Sep-2006
CCI & Design (Color)	Alliant Techsystems Inc.	USA	78/489762	04-Oct-2004	3112957	04-Jul-2006
COPPER-KLENZ	Alliant Techsystems Inc.	USA	78/497841	11-Oct-2004	3020772	29-Nov-2006

GUN-FOAM	Alliant Techsystems Inc.	USA	78/499438	12-Oct-2004	3030884	13-Dec-2005
FUSION Packaging Design	Federal Cartridge Company	USA	78/516415	12-Nov-2004	3113819	11-Jul-2006
SHORT BARREL	Alliant Techsystems Inc.	USA	78/518753	15-Nov-2004	3072238	21-Mar-2006
E3 & Design	Alliant Techsystems Inc.	USA	78/528572	03-Dec-2004	3188278	21-Oct-2006
E3	Alliant Techsystems Inc.	USA	78/526577	03-Dec-2004	3155033	10-Oct-2006
ATK (Commercial Ammo)	Alliant Techsystems Inc.	USA	78/540368	18-Jan-2005	3180478	17-Oct-2006
ATK (Commercial Ammo)	Alliant Techsystems Inc.	USA	78/549401	18-Jan-2005	3180477	17-Oct-2006
ATK (Commercial Ammo)	Alliant Techsystems Inc.	USA	78/549405	18-Jan-2005	3180478	17-Oct-2006
PREMIUM PARTNERS	Alliant Techsystems Inc.	USA	78/549408	18-Jan-2005	3183812	24-Oct-2006
PREMIUM PARTNERS	Alliant Techsystems Inc.	USA	78/549410	18-Jan-2005	3175140	21-Nov-2006
ATK PREMIUM PARTNERS Logo	Alliant Techsystems Inc.	USA	78/555257	27-Jan-2005	3163830	24-Oct-2006
ATK PREMIUM PARTNERS Logo	Alliant Techsystems Inc.	USA	78/555261	27-Jan-2005	3163831	24-Oct-2006
CLAY DOT	Alliant Techsystems Inc.	USA	78/556265	27-Jan-2005	3124812	01-Aug-2006
FLITECONTROL WAD and Design	Alliant Techsystems Inc.	USA	78/556266	27-Jan-2005	3208780	08-Feb-2007
SHOOTERS RIDGE	Alliant Techsystems Inc.	USA	78/602780	06-Apr-2005	3204512	30-Jan-2007
SPIN-OFF	Alliant Techsystems Inc.	USA	78/653731	08-Jul-2005	3238286	01-May-2007
CCI SELECT	Alliant Techsystems Inc.	USA	78/665529	07-Jul-2005	3186025	18-Dec-2006
VISICOLOR	Alliant Techsystems Inc.	USA	78/669185	13-Jul-2005	3240530	08-May-2007
VELOCITOR	Alliant Techsystems Inc.	USA	78/766725	05-Jan-2006	3165303	21-Oct-2006
SHOOTERS RIDGE	Alliant Techsystems Inc.	USA	78/838988	16-Mar-2006	3145828	19-Sep-2006
SHOOTERS RIDGE & Design (Black and White)	Alliant Techsystems Inc.	USA	78/839001	16-Mar-2006	3215370	08-Mar-2007
SHOOTERS RIDGE & Design (Color)	Alliant Techsystems Inc.	USA	78/839006	16-Mar-2006	3217495	13-March-2007
SHOOTERS RIDGE & Design (Color)	Alliant Techsystems Inc.	USA	78/839018	16-Mar-2006	3217496	13-Mar-2007
SHOOTERS RIDGE & Design (Color)	Alliant Techsystems Inc.	USA	78/839022	16-Mar-2006	3215371	08-Mar-2007

SHOOTERS RIDGE & Design (Black and White)	Alliant Techsystems Inc	USA	78/839024	18-Mar-2006	3212895	27-Feb-2007
SHOOTERS RIDGE	Alliant Techsystems Inc.	USA	78/839027	18-Mar-2006	3215372	06-Mar-2007
SHOOTERS RIDGE	Alliant Techsystems Inc.	USA	78/839031	18-Mar-2006	3143283	12-Sep-2008
SHOOTERS RIDGE	Alliant Techsystems Inc.	USA	78/839034	18-Mar-2006	3143284	12-Sep-2008
SHOCKWAVE Logo	Federal Cartridge Company	USA	78/978464	14-Oct-2003	3178857	28-Nov-2006
FEDERAL PREMIUM	Federal Cartridge Company	USA	78/976493	15-Jan-2004	3030760	13-Dec-2005

### Pending Applications

CCI & Design (Color)	Alliant Techsystems Inc.		78/411023	30-Apr-2004	Published
CCI & Design (Color)	Alliant Techsystems Inc.		78/411022	30-Apr-2004	Published
GUNSLICK (stylized and/or with design) Color	Alliant Techsystems Inc.		78/458402	26-Jul-2004	Published
GUNSLICK (stylized and/or with design) Color	Alliant Techsystems Inc.		78/458394	26-Jul-2004	Published
HEADSTAMP Logo	Alliant Techsystems Inc.		78/482397	05-Aug-2004	Published
FUSION Packaging Design (No Words)	Federal Cartridge Company		78/546549	12-Jan-2005	Published
PREMIUM PARTNERS	Alliant Techsystems Inc.		78/549408	13-Jan-2005	Published
PREMIUM PARTNERS	Alliant Techsystems Inc.		78/549411	16-Jan-2005	Published
ATK (Commercial Ammo)	Alliant Techsystems Inc.		78/548394	18-Jan-2005	Published
ATK PREMIUM PARTNERS Logo	Alliant Techsystems Inc.		78/565263	27-Jan-2005	Published
ATK PREMIUM PARTNERS Logo	Alliant Techsystems Inc.		78/565265	27-Jan-2005	Published
TRUBALL SYSTEM	Federal Cartridge Company		78/555268	27-Jan-2005	Published
CHAMPION	Alliant Techsystems Inc.		78/604907	08-Apr-2005	Pending
MINI-MAG	Alliant Techsystems Inc.		78/630253	16-May-2005	Pending
TRAP TAXI	Alliant Techsystems Inc.		78/665384	07-Jul-2005	Published
STRUT-SHOK	Alliant Techsystems Inc.		78/738555	25-Oct-2005	Published
BOREBLAST	Alliant Techsystems Inc.		78/782330	29-Dec-2005	Published

SHOT SHELL REVOLUTION	Alliant Techsystems Inc.	76/788809	06-Jan-2008	Pending
SHOT SHELL REVOLUTION & Design	Alliant Techsystems Inc.	76/788827	06-Jan-2008	Pending
CCI V stylized and design (color) (CCI Packaging Design)	Alliant Techsystems Inc.	76/818957	20-Feb-2008	Published
V (stylized with design) (CCI Packaging Design)	Alliant Techsystems Inc.	76/818959	20-Feb-2008	Published
SHOOTERS RIDGE	Alliant Techsystems Inc.	76/839038	16-Mar-2008	Published
SHOOTERS RIDGE & Design (Color)	Alliant Techsystems Inc.	76/839011	16-Mar-2008	Published
FEDERAL HI-POWER MONARK SHOT SHELLS	Federal Cartridge Company	78/933118	19-Jul-2008	Published
HI POWER MONARK	Federal Cartridge Company	78/933116	19-Jul-2008	Published
MONARK	Federal Cartridge Company	78/933112	19-Jul-2008	Published
OUTERS (stylized and/or with design)	Alliant Techsystems Inc.	77/017480	10-Oct-2008	Pending
OUTERS (stylized and/or with design)	Alliant Techsystems Inc.	77/017478	10-Oct-2008	Pending
OUTERS (stylized and/or with design)	Alliant Techsystems Inc.	77/017482	10-Oct-2008	Pending

Trademark Name	Owner	Application Number	Filing Date
EAGLE DESIGN	Eagle Industries Unlimited, Inc.	77/370003	11-Jan-2008
EAGLE & Design	Eagle Industries Unlimited, Inc.	77/160825	19-Apr-2007
EAGLE & Design	Eagle Industries Unlimited, Inc.	74/208733	30-Sep-1991
FORCE ON FORCE AND Design	Alliant Techsystems Inc	77/092300	26-Jan-2007
FORCE ON FORCE AND Design	Alliant Techsystems Inc	77/092296	26-Jan-2007
FORCE ON FORCE AND Design	Alliant Techsystems Inc	77/092299	26-Jan-2007
GORILLA RANGE BAG	Alliant Techsystems Inc	77/679223	26-Feb-2009
MAR-CIRAS	Eagle Industries Unlimited, Inc.	77/071937	27-Dec-2006
SHOOTERS RIDGE	ATK	77/241791	30-Jul-2007
SHOOTERS RIDGE & Design (Black and White)	ATK	77/241787	30-Jul-2007
TRUCOAT	Alliant Techsystems Inc	77/221149	03-Jul-2007
WILD WEB	Alliant Techsystems Inc	77/221991	03-Jul-2007

Trademark Name	Owner	Application Number	File Date
AMERICAN SELECT	Alliant Techsystems Inc.	77/688273	11-Mar-2006
CIRAS	Eagle Industries Unlimited Inc.	77/071673	27-Dec-06
GRAND SLAM	Alliant Techsystems Inc.	75/526517	21-Jan-1995
NITREX OPTICS (stylized and/or with design)	Alliant Techsystems Inc.	77/158351	17-Apr-2007
SHOCK WAVE	Alliant Techsystems Inc.	78/504535	01-Feb-2008
VOYAGER	Alliant Techsystems Inc.	77/353986	17-Dec-2007
VOYAGER SHOOTING SYSTEM	Alliant Techsystems Inc.	77/328315	13-Nov-2007

**SCHEDULE C**

**COPYRIGHTS**

None.

C-1

NYDOCS02/1074375.1

**RECORDED: 10/07/2015**

**PATENT  
REEL: 036807 FRAME: 0692**