

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM357770

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Release of Security Interest		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Bank of America, N.A.		09/29/2015	Association: UNITED STATES
RECEIVING PARTY DATA			
Name:	Alliant Techsystems Inc.		
Street Address:	45101 Warp Drive		
City:	Dulles		
State/Country:	VIRGINIA		
Postal Code:	20166		
Entity Type:	CORPORATION: DELAWARE		
Name:	Federal Cartridge Co., a Minnesota Corporation		
Street Address:	900 Ehlen Drive		
City:	Anoka		
State/Country:	MINNESOTA		
Postal Code:	55303		
Entity Type:	CORPORATION: MINNESOTA		
Name:	ATK Aerospace Company, Inc., a Delaware Corporation		
Street Address:	9160 North Highway 83		
Internal Address:	P.O. Box 707		
City:	Brigham		
State/Country:	UTAH		
Postal Code:	84302		
Entity Type:	CORPORATION: DELAWARE		
Name:	Micro Craft, Inc., a Tennessee Corporation		
Street Address:	207 Big Springs Avenue		
City:	Tullahoma		
State/Country:	TENNESSEE		
Postal Code:	37388		
Entity Type:	CORPORATION: TENNESSEE		
Name:	Composite Optics, Inc., a California Corporation		
Street Address:	9617 Distribution Ave.		
City:	San Diego		

OP \$6465.00 0061982

TRADEMARK

State/Country:	CALIFORNIA
Postal Code:	92121
Entity Type:	CORPORATION: CALIFORNIA

PROPERTY NUMBERS Total: 258

Property Type	Number	Word Mark
Registration Number:	0061982	BULLS EYE
Registration Number:	0061988	SHARPSHOOTER
Registration Number:	0099306	"UNIQUE"
Registration Number:	0323141	GUNSLICK
Registration Number:	2428446	MIGHTY-LITE
Registration Number:	0509767	MONARK
Registration Number:	0529119	JON-E'
Registration Number:	1066296	JON-E
Registration Number:	0577427	AMERICAN EAGLE
Registration Number:	0595057	
Registration Number:	0654307	THIOKOL
Registration Number:	0679813	BAR BUOY
Registration Number:	0678853	THIOKOL
Registration Number:	0699543	GUNSLICK
Registration Number:	0714592	GUNSLICK
Registration Number:	0714735	GUNSLICK
Registration Number:	0713048	GUNSLICK
Registration Number:	0719943	PERRINE
Registration Number:	0726419	PLINKER
Registration Number:	0729938	FEDERAL
Registration Number:	0776018	PRECISIONEERED
Registration Number:	0754116	TIP-OFF
Registration Number:	0765673	HI-SHOK
Registration Number:	0792437	FLEXADYNE
Registration Number:	0781203	AMERICAN EAGLE
Registration Number:	0782263	
Registration Number:	0783485	AMERICAN EAGLE
Registration Number:	0808747	AMERICAN EAGLE
Registration Number:	0808748	
Registration Number:	0808014	AMERICAN EAGLE
Registration Number:	0816827	GREEN DOT
Registration Number:	0816481	RELODER
Registration Number:	0820178	RCBS

Property Type	Number	Word Mark
Registration Number:	0831313	CCI
Registration Number:	0840725	
Registration Number:	0891883	HI-SHOK
Registration Number:	0907400	
Registration Number:	0908894	FEDERAL
Registration Number:	0907401	
Registration Number:	0920023	TRIPLE PLUS
Registration Number:	0971715	BLUE DOT
Registration Number:	1034650	LUBE-A-MATIC
Registration Number:	1054411	CHAMPION
Registration Number:	1102083	SPEER
Registration Number:	1101411	SPEER
Registration Number:	1148863	NYCLAD
Registration Number:	1298731	PREMIUM
Registration Number:	1155509	GOLD MEDAL
Registration Number:	1226681	ORBEX
Registration Number:	1189479	O
Registration Number:	1189222	ORBEX
Registration Number:	1172163	O
Registration Number:	1195816	ORBEX
Registration Number:	1194957	ORBEX
Registration Number:	1236373	CADDIE-BUOY
Registration Number:	1249869	DRINK-BUOY
Registration Number:	1242126	SAIL-BUOY
Registration Number:	1232643	BLAZER
Registration Number:	1245227	GREEN MACHINE
Registration Number:	1253801	BIKE-BUOY
Registration Number:	1251590	BANDIT
Registration Number:	1277037	GOLF-BUOY
Registration Number:	1298733	RED DOT
Registration Number:	1355807	MICRO CRAFT
Registration Number:	1368571	PRECISIONEERED
Registration Number:	1346021	RAM-LINE
Registration Number:	1436252	POSI-PRIME
Registration Number:	1439101	BELT PAK
Registration Number:	1437237	AMMO CAN
Registration Number:	1480802	WEI
Registration Number:	1570827	VARMINTER

Property Type	Number	Word Mark
Registration Number:	1521117	SCORE KEEPER
Registration Number:	1595232	CLASSIC HI-BRASS
Registration Number:	1567701	EXTRA-LITE
Registration Number:	1632806	OUTERS
Registration Number:	1645931	TOP GUN
Registration Number:	1596295	HI-BRASS
Registration Number:	1607415	HI-POWER
Registration Number:	1600686	AMERICAN EAGLE
Registration Number:	1594111	NYCLAD
Registration Number:	1594112	HYDRA-SHOK
Registration Number:	1600687	TMJ
Registration Number:	1600688	MAXI MAG
Registration Number:	1768573	LAWMAN
Registration Number:	1624729	GREEN TAG
Registration Number:	1608156	STINGER
Registration Number:	1697216	HUNTERS FOR CONSERVATION
Registration Number:	1690080	AMMOMASTER
Registration Number:	1673392	
Registration Number:	1671071	AMERICAN EAGLE
Registration Number:	1788868	PALM RIDER
Registration Number:	1909268	GOLD MEDAL
Registration Number:	1820567	GOLD MEDAL
Registration Number:	1778868	PREMIUM SAFARI
Registration Number:	1826448	AMERICAN SPORTER
Registration Number:	1851878	CASTOR 120
Registration Number:	1851879	CASTOR
Registration Number:	1980333	TACTICAL LOAD
Registration Number:	1797732	UNI-COR
Registration Number:	1898839	GOLD DOT
Registration Number:	1825074	CLEAN-FIRE
Registration Number:	1812059	UC
Registration Number:	1894659	FLIGHT MASTER
Registration Number:	1962369	TRIM PRO
Registration Number:	1885925	CASE MASTER
Registration Number:	1892898	CASE SLICK
Registration Number:	1888379	POW'R PULL
Registration Number:	2141197	FEDERAL WING & CLAY
Registration Number:	1989022	SUPPORT THE SHOOTING SPORTS

Property Type	Number	Word Mark
Registration Number:	1963786	GOLD MEDAL ULTRAMATCH
Registration Number:	1953264	LITHIUM
Registration Number:	2091808	TACTICAL
Registration Number:	1991115	QWIK POINT
Registration Number:	2051560	NITREX
Registration Number:	2062642	2400
Registration Number:	2079998	POWER PISTOL
Registration Number:	2002913	ALLIANT POWDER
Registration Number:	2080002	APS
Registration Number:	2045204	MULTI-PURPOSE
Registration Number:	2012000	BALLISTICLEAN
Registration Number:	2017887	EXTRA-LITE
Registration Number:	2240937	AMERICAN SELECT
Registration Number:	2165014	NON TOXIC LEAD FREE
Registration Number:	2047681	PREMIUM
Registration Number:	2240979	OUTRIDER
Registration Number:	2112332	PERSONAL DEFENSE
Registration Number:	2125468	FEDERAL PREMIUM SAFARI
Registration Number:	2196472	SYN-TECH
Registration Number:	2248147	DVO
Registration Number:	2243426	ECOCHAFF
Registration Number:	2322545	STEEL
Registration Number:	2245875	RC-130
Registration Number:	2235542	HEAVY FIELD LOAD
Registration Number:	2305500	HUNTERS FOR CONSERVATION
Registration Number:	2553009	DIAL-A-SIZE
Registration Number:	2375888	ALLIANT POWDER TECHNICALLY SUPERIOR BY D
Registration Number:	2683928	TECHNICALLY SUPERIOR BY DESIGN
Registration Number:	2493032	READY LAUNCH
Registration Number:	2669449	
Registration Number:	2360820	PROMO
Serial Number:	75582008	THIOKOL PROPULSION
Registration Number:	2525604	ROLL YOUR OWN
Registration Number:	2782133	ATK
Registration Number:	2598400	ALLIANT MEDIA
Registration Number:	2779766	ATK ALLIANT TECHSYSTEMS
Registration Number:	2420247	KNOCKDOWN POWER
Registration Number:	2472138	DEEP-SHOK

Property Type	Number	Word Mark
Registration Number:	2416493	THE LEAD EQUIVALENT
Registration Number:	2332839	GOLD MEDAL
Registration Number:	2411530	PERSONAL DEFENSE
Registration Number:	2359927	FEDERAL PREMIUM
Registration Number:	2401619	CLASSIC
Registration Number:	2368302	FEDERAL CLASSIC
Registration Number:	2416529	RHT
Serial Number:	75716500	VIRTUAL CELL
Registration Number:	2401652	PREMIUM
Registration Number:	2545317	CASTCORE
Registration Number:	2619087	NDEVIEWER
Registration Number:	2548145	PRO 2000
Registration Number:	2514162	THE POWER PATTERN SYSTEM
Registration Number:	2501004	SPEER
Registration Number:	2575149	SUPER SPORT
Registration Number:	2584369	HIGH VELOCITY 8 BALL BUCKSHOT
Registration Number:	2419305	ESTATE CARTRIDGE ECI
Registration Number:	2419306	ESTATE CARTRIDGE INC.
Registration Number:	2475437	TNT
Registration Number:	2672653	IDAHO TERRITORY BULLETS
Registration Number:	2563180	X DIE
Registration Number:	2512419	GOLD DOT
Registration Number:	2574516	TRAILBLAZER
Registration Number:	2567187	COMPOSITE OPTICS, INCORPORATED
Registration Number:	2644346	LL
Serial Number:	76283066	PREMIUM
Registration Number:	2648892	COI
Registration Number:	2778346	RELODER
Serial Number:	76312651	RELODER 10X
Registration Number:	2720888	RIMFIRE VELOCITOR AMMUNITION
Registration Number:	2803714	410
Registration Number:	2805988	OUTFITTER JOURNAL
Serial Number:	78218021	CAPE SHOK
Serial Number:	78218028	VITAL SHOK
Serial Number:	78218036	V SHOK
Serial Number:	78218042	MAG SHOK
Serial Number:	78218046	ULTRA SHOK
Serial Number:	78218052	WING SHOK

Property Type	Number	Word Mark
Serial Number:	78218058	POWER SHOK
Serial Number:	78218070	SPEED SHOK
Serial Number:	78218074	GAME SHOK
Serial Number:	78224157	HOT-COR
Serial Number:	78224195	HOT-COR
Serial Number:	78252977	EVADOR
Serial Number:	78272013	RCBS
Serial Number:	78272016	RCBS
Serial Number:	78272019	RCBS
Serial Number:	78272027	RCBS
Serial Number:	78286411	KICM
Serial Number:	78293294	R2LP
Serial Number:	78313114	
Serial Number:	78313162	
Serial Number:	78313169	
Serial Number:	78322165	ROCK STEADY
Serial Number:	78322438	STEADY RAX
Serial Number:	78324312	KNOCKDOWN POWER
Serial Number:	78329822	ROCK MOUNT
Serial Number:	78329826	QUAD LOCK
Serial Number:	78330306	LOW RECOIL
Serial Number:	78330833	VISISHOT
Serial Number:	78331428	HIGH FLY
Serial Number:	78331431	SKYBIRD
Serial Number:	78331435	MATCHBIRD
Serial Number:	78331996	STEADY POD
Serial Number:	78331998	STALK STICK
Serial Number:	78331999	GUN SPIKE
Serial Number:	78332009	FEDERAL
Serial Number:	78332013	STEADY POINT
Serial Number:	78332019	PREMIUM
Serial Number:	78332022	INDEPENDENCE
Serial Number:	78332026	FEDERAL
Serial Number:	78332029	PREMIUM
Serial Number:	78332050	SLING LOK
Serial Number:	78332198	SHOOTERS RIDGE
Serial Number:	78336888	XRAY
Serial Number:	78336890	STEADY BAG

Property Type	Number	Word Mark
Serial Number:	78339079	ONE AND ONLY
Serial Number:	78342229	OUTFITTER
Serial Number:	78342279	OUTFITTER
Serial Number:	78343271	ATK THIOKOL
Serial Number:	78343274	ATK THIOKOL
Serial Number:	78343608	ATK THIOKOL
Serial Number:	78346828	
Serial Number:	78347032	OUTFITTER
Serial Number:	78349715	INDEPENDENCE
Serial Number:	78350077	
Serial Number:	78350084	
Serial Number:	78350156	THREE-IN-A-ROW
Serial Number:	78352213	FEDERAL PREMIUM
Serial Number:	78355521	OW
Serial Number:	78355524	OW OUTDOOR WRITERS
Serial Number:	78286178	SHOOTERS RIDGE
Serial Number:	78357353	SHOOTERS RIDGE
Serial Number:	78357425	SHOOTERS RIDGE
Serial Number:	78357665	GOLD MATCH
Serial Number:	78360855	IN-SIGHT
Serial Number:	78360989	IN-SIGHT
Serial Number:	78363911	SYLRAMIC
Serial Number:	78369291	S
Serial Number:	78369294	S
Serial Number:	78370385	NDEVIEWER
Serial Number:	78373938	CHAMPION
Serial Number:	78374572	CHAMPION TRAPS & TARGETS CRITTER SERIES
Serial Number:	78376070	CHAMPION TRAPS & TARGETS CRITTER SERIES
Serial Number:	78376071	CHAMPION TRAPS & TARGETS CRITTER SERIES
Serial Number:	78376467	CHAMPION
Serial Number:	78376470	CHAMPION TRAPS & TARGETS
Serial Number:	78376474	CHAMPION
Serial Number:	78376545	CHAMPION TRAPS & TARGETS
Serial Number:	78376548	CHAMPION TRAPS & TARGETS
Registration Number:	1346022	

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
Address Line 4: New York, NEW YORK 10005

NAME OF SUBMITTER:	Elaine Carrera
SIGNATURE:	/Michael Barys/
DATE SIGNED:	10/06/2015

Total Attachments: 33

source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page1.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page2.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page3.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page4.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page5.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page6.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page7.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page8.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page9.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page10.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page11.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page12.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page13.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page14.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page15.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page16.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page17.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page18.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page19.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page20.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page21.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page22.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page23.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page24.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page25.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page26.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page27.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page28.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page29.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page30.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page31.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page32.tif
source=ATK_IPSA_Release_2878-0914 (TRADEMARKS)#page33.tif

RECORDATION FORM COVER SHEET TRADEMARKS 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.

- Individual(s)
- Partnership
- Corporation- State: _____
- Other _____
- Association
- Limited Partnership

Citizenship (see guidelines) USA

Additional names of conveying parties attached? Yes No

3. Nature of conveyance/Execution Date(s) :

Execution Date(s) September 29, 2015

- Assignment
- Security Agreement
- Other Release of Security Interests
- Merger
- Change of Name

2. Name and address of receiving party(ies)

Additional names, addresses, or citizenship attached? Yes No

Name: Alliant Techsystems Inc.

Street Address: 45101 Warp Drive

City: Dulles

State: VA

Country: USA Zip: 20166

- Individual(s) Citizenship _____
- Association Citizenship _____
- Partnership Citizenship _____
- Limited Partnership Citizenship _____
- Corporation Citizenship USA-DE
- Other _____ Citizenship _____

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
(Designations must be a separate document from assignment)

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s) Text

See Schedule B

B. Trademark Registration No.(s)

See Schedule B

Additional sheet(s) attached? Yes No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

5. Name & address of party 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 registrations involved:

258

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$ _____

- Authorized to be charged to deposit account
- Enclosed

8. Payment information:

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Elaine Carrera

Signature

September 29, 2015

Date

Elaine Carrera

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

33

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

Addendum to Cover Page of Trademarks Form Cover Sheet

2. Name and address of receiving party(ies)

Federal Cartridge Co., a Minnesota Corporation
900 Ehlen Drive
Anoka, MN 55303
Citizenship – USA – MN

ATK Aerospace Company, Inc., a Delaware Corporation
9160 North Highway 83
P.O. Box 707
Brigham, UT 84302
Citizenship – USA – DE

Micro Craft, Inc., a Tennessee Corporation
207 Big Springs Avenue
Tullahoma, TN 37388
Citizenship – USA – TN

Composite Optics, Inc., a California Corporation
9617 Distribution Ave.
San Diego, CA 92121
Citizenship – USA – CA

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.; Alliant Ammunition and Powder Company LLC; Alliant Ammunition Systems Company LLC; Alliant Holdings LLC; Alliant International Holdings Inc.; Alliant Lake City Small Caliber Ammunition Company LLC; Alliant Propulsion and Composites LLC; Alliant Southern Composites Company LLC; Ammunition Accessories Inc.; ATK Aerospace Company Inc.; ATK Ammunition and Related Products LLC; ATK Commercial Ammunition Company Inc.; ATK Elkton LLC; ATK International Sales Inc.; ATK Logistics and Technical Services LLC; ATK Missile Systems LLC; ATK Ordinance and Ground Systems LLC; ATK Precision Systems LLC; ATK Tactical Systems Company LLC; Composite Optics, Incorporated; Federal Cartridge Company; GASL, Inc.; Micro Craft Inc.; Mission Research Corporation; New River Energetics, Inc.; and Thiokol Technologies International, Inc. (collectively, the "**Grantors**").

WHEREAS, Alliant Techsystems Inc., a Delaware corporation, has entered into a Second Amended and Restated Credit Agreement dated as of March 31, 2004 (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 Security Agreement dated March 31, 2004 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 31, 2004 (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 31, 2004, was recorded with the United States Patent and Trademark Office on May 28, 2004 at Reel 14692 and Frame 653 with respect to U.S. patents and patent applications and at Reel 2878 and Frame 914 with respect to U.S. trademarks and trademark applications;

WHEREAS, that certain IP Security Agreement Supplement, dated as of March 31, 2004, was recorded with the United States Patent and Trademark Office on October 20, 2004 at Reel 15271 and Frame 23 with respect to U.S. patents and patent 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.

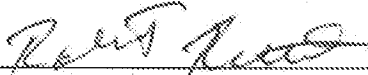
SECTION 2. Recordation. The Agent authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this Release.

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]

TRADEMARK
REEL: 005639 FRAME: 0786

Title	Patent No. Issued Date	App. No. Filing Date	Owner
Interlinked release mechanism with timed	5052303 19911001	50516953 19900430	Alliant Techsystems Inc.
Infrared illuminant and pressing method	5056435 19911015	50443858 19891129	Alliant Techsystems Inc.
Gas generator ventable at a high tempera	5060470 19911029	50526884 19900522	Alliant Techsystems Inc.
Cased telescoped ammunition round	5067408 19911126	50524619 19900517	Alliant Techsystems Inc.
Cased telescoped ammunition round	5069137 19911203	50524605 19900517	Alliant Techsystems Inc.
Diaminoglyoxime and diaminothiourea in pr	5071495 19911210	50537658 19900614	Alliant Techsystems Inc.
Bisphenol and neopentyl glycol diglycidyl	5075356 19911224	50613421 19901115	Alliant Techsystems Inc.
Ammunition data transmission system	5078051 19920107	51555071 19910214	Alliant Techsystems Inc.
Process for creating high strength fabric	5082508 19920121	50612418 19901113	Alliant Techsystems Inc.
Target tracking system for determining b	5095467 19920310	50382371 19900914	Alliant Techsystems Inc.
Process for creating high strength fabric	5106431 19920421	50612418 19901113	Alliant Techsystems Inc.
Rocket motor insulation and like made wi	5117757 19920602	50468302 19900122	Alliant Techsystems Inc.
Focal plane array seeker for projectiles	5129585 19920714	51725186 19910703	Alliant Techsystems Inc.
Thin wall steel cartridge cases	5130207 19920714	51718972 19910624	Alliant Techsystems Inc.
Optical detection device	5142985 19920901	50532778 19900604	Alliant Techsystems Inc.
High energy electrochemical cell having	5147739 19920915	50561134 19900801	Alliant Techsystems Inc.
Unwinding ribbon safing and arming devic	5147974 19920915	50609677 19901166	Alliant Techsystems Inc.
Bandpass filter demodulation for FM-CW s	5150124 19920922	51674010 19910325	Alliant Techsystems Inc.
Voltage controlled oscillator	5159346 19921027	51712921 19910610	Alliant Techsystems Inc.
Isotactic poly(glycidyl nitrate) and syn	5162494 19921110	50609198 19901105	Alliant Techsystems Inc.
Annular spinning parachute	5174527 19921229	50580244 19900910	Alliant Techsystems Inc.
Solid interspersed expanded collector gr	5185224 19930209	50631170 19901220	Alliant Techsystems Inc.
Fuzing system for tandem demolition warh	5198615 19930330	52856331 19920324	Alliant Techsystems Inc.
Autonomous acoustic detection device	5202532 19930413	51747393 19910816	Alliant Techsystems Inc.
Solid propellant rocket motor case for i	5228285 19930720	52843068 19920302	Alliant Techsystems Inc.
Low cost hermetically sealed squib	5230287 19930727	51686187 19910416	Alliant Techsystems Inc.

Title	Patent No. Issued Date	App. No. Filing Date	Owner
Filament wound threaded tube connection	5235737 19930810	91782954 19911025	Alliant Techsystems Inc.
Lithium-based polymer electrolyte electr	5240790 19930831	9329082 19930310	Alliant Techsystems Inc.
Method and apparatus for time setting ba	5241892 19930907	89388258 19890728	Alliant Techsystems Inc.
Assembly and method for attaching a pres	5257761 19931102	92840953 19920324	Alliant Techsystems Inc.
Isomeric poly(glycidyl nitrate) and syn	5264596 19931123	92928716 19920813	Alliant Techsystems Inc.
Magnetic sensor arming apparatus and met	5265539 19931130	92901392 19920619	Alliant Techsystems Inc.
Surfactant stabilized nitroglycerin emul	5268046 19931207	92930128 19920814	Alliant Techsystems Inc.
Electro-mechanical base element fuse	5271327 19931231	92901381 19920619	Alliant Techsystems Inc.
Chlorine-free solid rocket propellant fo	5271778 19931231	91816397 19911227	Alliant Techsystems Inc.
Differential polarization LADAR	5272351 19931231	92819283 19920113	Alliant Techsystems Inc.
Ribbonizing method for selectively heat	5273602 19931238	92956122 19921002	Alliant Techsystems Inc.
Gun launched non-spinning safety and arm	5273107 19940104	92901113 19920619	Alliant Techsystems Inc.
Optical detection device	5277113 19940111	91900804 19910125	Alliant Techsystems Inc.
Composite/metal hybrid rocket motor case	5280708 19940135	92903852 19920825	Alliant Techsystems Inc.
High energy electrochemical cell employi	5284721 19940208	90561132 19900801	Alliant Techsystems Inc.
Fiber placement delivery system with mod	5290389 19940301	92948526 19920921	Alliant Techsystems Inc.
Insensitive propellant igniter	5291828 19940308	92970993 19921026	Alliant Techsystems Inc.
Phase-stabilized ammonium nitrate and me	5292387 19940308	9310391 19930128	Alliant Techsystems Inc.
Parabolic dual reflector antenna with of	5319379 19940607	84843910 19840824	Alliant Techsystems Inc.
Electronic fuse package and method	5325784 19940705	9311580 19930201	Alliant Techsystems Inc.
Controlled burn rate, reduced smoke, set	5334270 19940803	92981774 19921125	Alliant Techsystems Inc.
Compact deployable acoustic sensor	5339281 19940816	93102466 19930805	Alliant Techsystems Inc.
Low cost segmented structure for pressur	5341638 19940830	92847169 19920309	Alliant Techsystems Inc.
Solid propellant with non-crystalline po	5348596 19940920	89398310 19890825	Alliant Techsystems Inc.
Composite/metal hybrid rocket motor case	5348603 19940920	9367849 19930327	Alliant Techsystems Inc.
Propellant stick berling apparatus and m	5349892 19940927	91788408 19911106	Alliant Techsystems Inc.

Title	Patent No. Issued Date	App. No. Filing Date	Owner
High rate electrochemical cell	5352546 19941004	9329089 19930310	Alliant Techsystems Inc.
Method for increasing fiber strength tra	5356499 19941018	9381839 19930623	Alliant Techsystems Inc.
Self venting carbon or graphite phenolic	5359850 19941101	9331632 19930315	Alliant Techsystems Inc.
Propellant gas-generation system for can	5363768 19941115	91679305 19910402	Alliant Techsystems Inc.
Interpenetrating network combination of	5377593 19950103	92858091 19920220	Alliant Techsystems Inc.
Perchlorate removal process	5382265 19950117	93143190 19931026	Alliant Techsystems Inc.
Bore mitigation for solid propellant rock	5386776 19950207	9322180 19930224	Alliant Techsystems Inc.
Propellant grain machining device	5391025 19950221	92871966 19920421	Alliant Techsystems Inc.
Tape wrapped, fabric reinforced, flex be	5398309 19950321	85807626 19851211	Alliant Techsystems Inc.
Thermoplastic elastomeric internal insul	5399599 19950321	9339044 19930406	Alliant Techsystems Inc.
Stage separation and thrust reduction ap	5400713 19950328	94268940 19940309	Alliant Techsystems Inc.
Polyether compounds having both imine an	5414123 19950509	93173423 19931223	Alliant Techsystems Inc.
Low cost hermetically sealed squib	5431101 19950711	92964636 19921023	Alliant Techsystems Inc.
Composite Antenna	5440801 19950815	94205879 19940303	Composite Optics, Inc.
Synthesis of bis(2,2-dinitropropyl) form	5448835 19950912	94339140 19941114	Alliant Techsystems Inc.
Electro-mechanical roll control apparatu	5452864 19950926	94221358 19940331	Alliant Techsystems Inc.
Fault tolerant safe and arming device	5434321 19951003	94324210 19941917	Alliant Techsystems Inc.
Flare pellet and process for making same	5458453 19951010	94189803 19940201	Alliant Techsystems Inc.
Programmable electronic time delay initi	5460093 19951024	93101237 19930802	Alliant Techsystems Inc.
3-nitramino-4-nitrofurazan and salts the	5460689 19951024	9382918 19930628	Alliant Techsystems Inc.
Binder system for crosslinked double bas	5468911 19951121	7922123 19790306	Alliant Techsystems Inc.
Composite Structure for Heat Transfer and Radiation	5471387 19951128	94212948 19940315	Composite Optics, Inc.
Multifunctional magnetic fuse	5497704 19960313	93176355 19931230	Alliant Techsystems Inc.
Propellant formulations based on dinitra	5498303 19960312	9352035 19930421	Alliant Techsystems Inc.
Low density thermoplastic elastomeric in	5498649 19960312	9363511 19930518	Alliant Techsystems Inc.
Synthesis of 4,10-dinitro-2,6,8,12-tetra	5498711 19960312	93101458 19930802	Alliant Techsystems Inc.

Title	Patent No. Issued Date	App. No. Filing Date	Owner
Dry preparation of particulate solid ene	5501132 19960226	94298929 19940831	Alliant Techsystems Inc.
Solid fuel launch vehicle destruction sy	5507231 19960416	94322917 19941013	Alliant Techsystems Inc.
Vectorable nozzle having jet vanes	5511745 19960430	94366848 19941230	Alliant Techsystems Inc.
Propellant grain machining device and me	5511814 19960430	93388249 19930214	Alliant Techsystems Inc.
Stable plasticizers for nitrocellulose n	5520759 19960528	92962950 19921016	Alliant Techsystems Inc.
Method of surface preparation of alumina	5520768 19960528	94327305 19941021	Alliant Techsystems Inc.
Method for producing high density refrac	5523048 19960604	94282343 19940729	Alliant Techsystems Inc.
Destruction of nitramines employing aque	5523517 19960604	93386152 19930209	Alliant Techsystems Inc.
Insensitive high performance explosive c	5529649 19960823	9313034 19930203	Alliant Techsystems Inc.
Method of molding a polar boss to a comp	5538689 19960723	94265406 19940824	Alliant Techsystems Inc.
Pulse doppler proximity sensor	5539410 19960723	92844334 19920302	Alliant Techsystems Inc.
Method for increasing fiber strength tra	5545278 19960813	94198615 19940218	Alliant Techsystems Inc.
Electrostatic discharge reduction in ene	5547523 19960820	93128793 19930329	Alliant Techsystems Inc.
Energetic materials processing technique	5565150 19961015	94336309 19941108	Alliant Techsystems Inc.
Propellants useful in electrothermal-che	5574240 19961112	96593337 19960129	Alliant Techsystems Inc.
Composite conformable pressure vessel	5577690 19961126	93382502 19930302	Alliant Techsystems Inc.
Use of controlled burn rate, reduced amo	5579634 19961203	94222433 19940401	Alliant Techsystems Inc.
Distributed erosion region rocket motor	5579635 19961203	94342146 19941118	Alliant Techsystems Inc.
Shock tolerant fuse	5585992 19961217	94251147 19940331	Alliant Techsystems Inc.
Clean space motor/gas generator solid pr	5591936 19970107	90561951 19900802	Alliant Techsystems Inc.
Metal complexes for use as gas generants	5592812 19970114	96599634 19960309	Alliant Techsystems Inc.
Chemotherapeutically tailored matrix resin	5583770 19970114	94195501 19940214	Alliant Techsystems Inc.
Solid propellant dual pulse rocket motor	5600946 19970211	95469759 19950606	Alliant Techsystems Inc.
Reduced cost membrane seal assembly for	5613358 19970325	90588370 19900926	Alliant Techsystems Inc.
Propellant grain machining device and me	5615985 19970401	96635745 19960422	Alliant Techsystems Inc.
3-D carbon-carbon composites for crystal	5616175 19970401	94278744 19940722	Alliant Techsystems Inc.

Title	Patent No. Issued Date	App. No. Filing Date	Owner
Propellant gas-generation system for can	5610884 19970401	92811941 19920710	Alliant Techsystems Inc.
FMCW VCO closed loop linearizer	5612081 19970624	95548428 19951026	Alliant Techsystems Inc.
Synthesis of bis(2,2-dinitropropyl)aceta	5648358 19970715	94359138 19941114	Alliant Techsystems Inc.
Plume enhancement nozzle for achieving f	5654522 19970803	95495716 19950627	Alliant Techsystems Inc.
Method of surface preparation of titania	5660884 19970826	95350957 19951031	Alliant Techsystems Inc.
Synthesis of charged $L_{[sub]x}CoO_{[sub]z}$	5667660 19970916	95527208 19950912	Alliant Techsystems Inc.
Black powder processing on twin-screw ex	5670098 19970923	96707199 19960820	Alliant Techsystems Inc.
Metal complexes for use as gas generants	5673935 19971007	95484142 19950607	Alliant Techsystems Inc.
Solid propellant dual pulse rocket motor	5675986 19971014	95525336 19950907	Alliant Techsystems Inc.
Feed additive composition for ruminants	5676966 19971014	95424639 19950419	Alliant Techsystems Inc.
Electro-mechanical safety and arming dev	5693906 19971203	95555744 19950928	Alliant Techsystems Inc.
Voltage feedback linearizer	5694132 19971202	95796832 19951112	Alliant Techsystems Inc.
Band fiber forming and placement deliver	5698068 19971216	92924355 19920803	Alliant Techsystems Inc.
Retaining clip system	5704100 19980106	96609735 19960301	Federal Cartridge Co
Electronic turns-counting fuse and metho	5705766 19980106	95550054 19951030	Alliant Techsystems Inc.
Synthesis of 2,4,6,8,10,12-hexabenzyl-2,	5723684 19980203	95493837 19950622	Alliant Techsystems Inc.
Metal complexes for use as gas generants	5725699 19980319	95507952 19950726	Alliant Techsystems Inc.
Counterbalance assembly	5735020 19980407	97810894 19970305	Alliant Techsystems Inc.
Thermostatic bimetallic retaining ring f	5735114 19980407	91745931 19910815	Alliant Techsystems Inc.
Using metal complex compositions as gas	5735118 19980407	96698657 19960816	Alliant Techsystems Inc.
Inorganic oxide resins for internal oxid	5735477 19980407	89355216 1990522	Alliant Techsystems Inc.
Hydrogenolysis of 2,4,6,8,10,12-Hexabenz	5739323 19980414	95568451 19951207	Alliant Techsystems Inc.
Propellant formulations based on dinitra	5741998 19980421	96814303 19960312	Alliant Techsystems Inc.
Missile diverter integration method and	5755401 19980526	95551006 19951031	Alliant Techsystems Inc.
Lithium metal anodes	5756232 19980526	94719992 19960925	Alliant Techsystems Inc.
Process for the manufacture of high perf	5759458 19980602	96687887 19960726	Alliant Techsystems Inc.

Title	Patent No. Issued Date	App. No. Filing Date	Owner
Method of internally insulating a propel	5762746 19980609	89394706 19890816	Alliant Techsystems Inc.
Apparatus for fiber impregnation	5766357 19980616	96716027 19960919	Alliant Techsystems Inc.
Robust propellant liner and interfacial	5767221 19980616	95448825 19950524	Alliant Techsystems Inc.
Composite Antenna	5771027 19980623	97847864 19970428	Composite Optics, Inc.
Aluminized platan-burring solid propel	5771679 19980630	96760727 19961205	Alliant Techsystems Inc.
Solid propellant with non-crystalline po	5783769 19980721	89326852 19860317	Alliant Techsystems Inc.
Gun-launched rocket	5792981 19980811	96739469 19961028	Alliant Techsystems Inc.
Multiplexed network connecting apparatus	5793769 19980811	96658211 19960729	Alliant Techsystems Inc.
Photo-degradable shotshell of polyethyls	5795923 19980816	95543946 19951017	Federal Cartridge Co
High performance space motor solid prope	5798480 19980823	90561973 19900802	Alliant Techsystems Inc.
High performance large launch vehicle so	5801535 19980801	90501774 19900802	Alliant Techsystems Inc.
System and method for the construction of Space Craft Structures	5803402 19980908	96645136 19960513	Composite Optics, Inc.
Lead-free centerfire primer with DDNF an	5831208 19981103	96758773 19961213	Federal Cartridge Co
Injection-moldable, polycaprolactone-ba	5839090 19990112	96591176 19960116	Alliant Techsystems Inc.
Acoustic optical scanning of linear dete	5870191 19990209	97958936 19971028	Alliant Techsystems Inc.
Process of crystallizing 2,4,6,8,10,12-h	5874574 19990223	97991422 19971216	Alliant Techsystems Inc.
Shot pouch	5874689 19990223	97867186 19970602	Federal Cartridge Co
Propellant system	5892172 19990406	97841431 19970422	Alliant Techsystems Inc.
Pressable infrared illuminant compositio	5912430 19990615	95386327 19950210	Alliant Techsystems Inc.
Acceleration/deceleration sensing switch	5914459 19990622	97905173 19970801	Alliant Techsystems Inc.
Shoot-through cover for an explosively f	5925845 19990720	97905174 19970801	Alliant Techsystems Inc.
Apparatus and method for determining ang	5936375 19990810	9823381 19980213	Alliant Techsystems Inc.
Processing and curing aid for composite	5942720 19990824	9355079 19930429	Alliant Techsystems Inc.
Energetic binders	5955629 19990921	89343977 19890426	Alliant Techsystems Inc.
Through milkhead initiator	5959236 19990928	9832644 19980331	Alliant Techsystems Inc.
Metal hydrazine complexes used as gas ge	5970703 19991026	97934900 19970922	Alliant Techsystems Inc.

Title	Patent No. Issued Date	App. No. Filing Date	Owner
Common aperture dual mode semi-active la	5973649 19991026	97959602 19971028	Alliant Techsystems Inc.
Assembly including tubular bodies and wa	5984569 19991116	9894569 19980615	Alliant Techsystems Inc.
Robust propellant liner and interfacial	5985383 19991116	9861098 19980416	Alliant Techsystems Inc.
Lead-free, heavy-metal-free rim-fire pr	5993577 19991130	98148192 19980904	Alliant Techsystems Inc.
Plume enhancement nozzle for achieving f	5996502 19991207	97863399 19970527	Alliant Techsystems Inc.
Shaped charge liner with integral initi	6026750 20000222	9853165 19980401	Alliant Techsystems Inc.
Self-contained apparatus for fiber eleme	6026883 20000222	9870421 19980430	Alliant Techsystems Inc.
Metal complexes for use as gas generants	6030820 20000321	97899599 19970724	Alliant Techsystems Inc.
Method and apparatus for producing fiber	6050315 20000418	9870445 19980430	Alliant Techsystems Inc.
Low smoke rocket motor liner composition	6051087 20000418	92991467 19921216	Alliant Techsystems Inc.
Erosion resistant-low signature liner fo	6054521 20000425	97986875 19971208	Alliant Techsystems Inc.
Mechanism for mechanically isolating ene	6059045 20000509	98119733 19980721	Alliant Techsystems Inc.
Coaxial unfocused optical sensor for dia	6060705 20000509	98107609 19980629	Alliant Techsystems Inc.
Composite Isogrid Structures For Parabolic Surfaces	6064352 20000516	08/053187 19980401	TRW Inc. and Composite Optics, Inc.
Solid rocket propellant	6066214 20000523	98183750 19981030	Alliant Techsystems Inc.
Process for manufacture of perforated si	6071444 20000606	97979447 19971124	Alliant Techsystems Inc.
Process for controlled deposition profil	6083550 20000704	96753450 19961115	Alliant Techsystems Inc.
Advanced designs for high pressure, high	6086692 20000711	98165304 19981002	Alliant Techsystems Inc.
Capture feature tang seal defect measure	6088925 20000718	9886572 19980529	Alliant Techsystems Inc.
Solar concentrator array	6091017 20000718	99379254 19990823	Composite Optics, Inc.
Radiome nose cone probe apparatus for use	6094054 20000725	96668690 19960624	Alliant Techsystems Inc.
Design for a gas-launched rocket	6094906 20000801	99301157 19990428	Alliant Techsystems Inc.
Composite conformable pressure vessel	6095367 20000801	96718611 19960923	Alliant Techsystems Inc.
Multiple axes fiber placement machine	6096164 20000801	98135068 19980817	Alliant Techsystems Inc.
Methods for controlled polymerization of	6100375 20000808	94233219 19940426	Alliant Techsystems Inc.
Process for the large-scale synthesis of	6107483 20000822	99362083 19990728	Alliant Techsystems Inc.

Title	Patent No. Issued Date	App. No. Filing Date	Owner
Castable infrared illuminant composition	6125789 20000926	95386328 19950210	Alliant Techsystems Inc.
Simplified inlaid composite architecture	6125764 20001003	98160952 19980925	Alliant Techsystems Inc.
Thermally-stabilized prilled ammonium di	6136115 20001024	98108383 19980701	Alliant Techsystems Inc.
Ambiguity removal and angles-of-arrival	6140963 20001031	99287256 19990407	Alliant Techsystems Inc.
Method for making new polycyclic polyami	6147209 20001114	92989369 19921208	Alliant Techsystems Inc.
Missile severance device	6148729 20001121	9857854 19980427	Alliant Techsystems Inc.
Tooling apparatus and method for product	6149851 20001121	9876420 19980430	Alliant Techsystems Inc.
Thermal welding of fiber reinforced fiber	6182314 20001219	98162680 19980929	Alliant Techsystems Inc.
Flares having igniters formed from extru	6170399 20010109	98119518 19980721	Alliant Techsystems Inc.
Process for the manufacture of high perf	6171530 20010109	9828772 19980224	Alliant Techsystems Inc.
Transmitter coil, improved fuse setter c	6176168 20010123	99302136 19990429	Alliant Techsystems Inc.
Captive soft-point bullet	6178890 20010130	99256861 19990224	Federal Cartridge Co
Sabot anti-splitting ring	6186094 20010213	98140512 19980826	Alliant Techsystems Inc.
Closure assembly for lined tanks, and ve	6186356 20010213	2000900972 20000215	Alliant Techsystems Inc.
Castable infrared illuminant composition	6190475 20010220	2000478511 20000106	Alliant Techsystems Inc.
Traveling Wave Slot Antenna and Method of Making Same	6191750 20010220	99262163 19990303	Composite Optics, Inc.
AOA estimation and polarization induced	6195043 20010227	99311139 19990513	Alliant Techsystems Inc.
Electrostatic arming apparatus for an ex	6196130 20010306	98153048 19980922	Alliant Techsystems Inc.
Rocket motor nozzle assemblies with eros	6209312 20010403	99268330 19990408	Alliant Techsystems Inc.
High performance explosive containing CL	6214137 20010410	98166842 19981006	Alliant Techsystems Inc.
Energetic oxetane propellants	6217682 20010417	98178608 19981026	Alliant Techsystems Inc.
Method for making high performance explo	6217799 20010417	98186843 19981006	Alliant Techsystems Inc.
Joint for connecting extrudable segments	6230779 20010424	99263212 19990305	Alliant Techsystems Inc.
Payload fairing with improved acoustic s	6234020 20010501	98220485 19981224	Alliant Techsystems Inc.
Supplemental-restraint-system gas genera	6234099 20010501	98119517 19980721	Alliant Techsystems Inc.
Propellant grain capable of generating b	6236979 20010508	2000503725 20000215	Alliant Techsystems Inc.
Lightweight, fighting position excavatio	6235851	97709258	Alliant Techsystems Inc.

Title	Patent No. Issued Date	App. No. Filing Date	Owner
	20010522	19970213	
Metal complexes for use as gas generants	6241281 20010605	99434274 19991105	Alliant Techsystems Inc.
Compression mold	6241306 20010605	98162931 19980929	Alliant Techsystems Inc.
High energy gas propellants	6241533 20010605	98118744 19980716	Alliant Techsystems Inc.
Increased velocity-performance-range bul	6244187 20010612	99346182 19990701	Alliant Techsystems Inc.
Apparatus for machining explosive materi	6272954 20010814	99440863 19991116	Alliant Techsystems Inc.
Plastic liner for bayonet primers	6272994 20010814	99386810 19990831	Alliant Techsystems Inc.
Moisture seal for composite sabot with d	6279214 20010828	99353695 19990714	Alliant Techsystems Inc.
Range rate aiding in a pulsed radar syst	6281833 20010828	99437828 19991110	Alliant Techsystems Inc.
Method for producing fiber reinforced st	6290799 20010918	99399691 19990921	Alliant Techsystems Inc.
Captive soft-point bullet	6305292 20011023	2000597017 20000606	Alliant Techsystems Inc.
Vacuum debulking table for thermoplastic	6312247 20011106	99240164 19990129	Alliant Techsystems Inc.
Thrusting Apparatus	6315238 20011113	07212468 19980628	Alliant Techsystems Inc.
High range resolution radar through non-	6317074 20011113	2000594894 20000615	Alliant Techsystems Inc.
Solvent application system	6343552 20020205	2000587773 20000606	Alliant Techsystems Inc.
Ammunition detector	6343564 20020205	99360756 19990726	Alliant Techsystems Inc.
Poly(butadiene)poly(lactone) thermoplast	6350330 20020226	90618984 19901121	Alliant Techsystems Inc.
Propulsion system	6357557 20020319	99227070 19990105	Alliant Techsystems Inc.
Alignment fixture	6360665 20020326	2000587962 20000606	Alliant Techsystems Inc.
Polymerization of poly(glycidyl nitrate)	6362311 20020326	2000688819 20001017	Alliant Techsystems Inc.
Process for making 2,4,6,8,10,12-hexanit	6391130 20020521	2000505728 20000215	Alliant Techsystems Inc.
Hybrid rocket propulsion system includin	6393830 20020528	2000532301 20000322	Alliant Techsystems Inc.
Payload fairing with jettisonable mass s	6394394 20020528	2000567816 20000509	Alliant Techsystems Inc.
Antenna array apparatus with conformal m	6407711 20020618	2001841829 20010424	Science and Applied Technology, Inc. and Composite Optics, Inc.
End closure modules for multi-cell press	6412650 20020702	2000558628 20000426	Alliant Techsystems Inc.
Extraction and recovery of nitramines &	6414143 20020702	2000509872 20000217	Alliant Techsystems Inc.

Title	Patent No. Issued Date	App. No. Filing Date	Owner
Method of recovery for nitramines from a	6416501 20020709	2001784475 20010213	Alliant Techsystems Inc.
Extrudable black body decay flare compos	6432231 20020813	2000735643 20001214	Alliant Techsystems Inc.
Antenna data compression using multi-clip	6437737 20020820	2000491367 20000126	Alliant Techsystems Inc.
Method of manufacturing a composite stru	6478922 20021112	2000594920 20000615	Alliant Techsystems Inc.
Multi-stage rocket motor assembly includ	6481198 20021119	2000604679 20000627	Alliant Techsystems Inc.
Reusable training dispenser	6481327 20021119	2000592481 20000609	Alliant Techsystems Inc.
Metal hydrazine complexes for use as gas	6481746 20021119	98748224 19961107	Alliant Techsystems Inc.
Assembly and process for controlled burn	6484617 20021126	2000562971 20000503	Alliant Techsystems Inc.
Position-controlled tensioner system	6491773 20021210	2000490357 20000124	Alliant Techsystems Inc.
Rubber-epoxy bonding via an interfacial	6495259 20021217	99433321 19991103	Alliant Techsystems Inc.
Pyrolytic graphite gauge for measuring h	6499289 20021231	2001820403 20010329	Alliant Techsystems Inc.
Spring disc for securing a combustible c	6505560 20030114	2001923852 20010807	Alliant Techsystems Inc.
Synthesis for 4,10-dinitro-2,6,8,12-tetr	6512313 20030128	2000389113 20000608	Alliant Techsystems Inc.
Captive soft-point bullet	6530328 20030311	2001948198 20010907	Federal Cartridge Co
Degradable practice mine	6539871 20030401	2001821219 20010329	Alliant Techsystems Inc.
Non-toxic, heavy-metal-free showshell pr	6544363 20030408	2000702120 20001020	Federal Cartridge Co
Overwrap tape end-effector for fiber pla	6544367 20030408	99241830 19990201	Alliant Techsystems Inc.
Method of constructing insulated metal d	6554936 20030429	99291979 19990908	Alliant Techsystems Inc.
EPDM rocket motor insulation	6566420 20030520	2000481709 20000112	Alliant Techsystems Inc.
Method of manufacturing a soft point bul	6581503 20030624	200298647 20030313	Alliant Techsystems Inc.
High strength reactive materials	6593410 20030713	2001789479 20010221	Alliant Techsystems Inc.
Chain-extended poly(bis-azidomethyl)oxeta	6600002 20030729	2001841900 20010424	Alliant Techsystems Inc.
Process for the synthesis and recovery o	6603018 20030805	200260051 20020129	Alliant Techsystems Inc.
Rocket motor insulation containing hydro	6606852 20030819	2000613837 20000711	Alliant Techsystems Inc.
Double-base rocket propellants, and rock	6607617 20030819	2001872264 20010601	Alliant Techsystems Inc.
Method for recovery of nitramines from a	6610136 20030826	2001784476 20010213	Alliant Techsystems Inc.

Title	Patent No. Issued Date	App. No. Filing Date	Owner
Filled energetic particles, and process	6610137 20030826	2001759594 20010112	Alliant Techsystems Inc.
Rocket motors with insensitive munitions	6619029 20030916	200118697 20011101	Alliant Techsystems Inc.
Nitrate ester plasticized energetic comp	6632378 20031014	2001797929 20010902	Alliant Techsystems Inc.
Reduced sensitivity melt-cast explosives	6648998 20031118	2000747303 20001221	Alliant Techsystems Inc.
Rocket nozzle assembly having rotatable	6651438 20031125	2001941397 20010829	Alliant Techsystems Inc.
Displacement sensor containing magnetic	6670805 20031230	2001981211 20010921	Alliant Techsystems Inc.
Low density composite rocket nozzle comp	6678965 20040120	9890256 19980604	Alliant Techsystems Inc.
Fiber-reinforced rocket motor insulation	6691505 20040217	200246132 20020109	Alliant Techsystems Inc.
Method of making multi-base propellants	6692655 20040217	2001802236 20010309	Alliant Techsystems Inc.
Digital solid rocket motor and gas generator	6705075 20040316	2000698472 20001030	Alliant Techsystems Inc.
Electrostatically Clean Solar Array	6713670 20040330	10/219849 20030814	Composite Optics, Inc.
Low profile handle	D391143 19980224	9660737 19961004	Federal Cartridge Co
Bezel	D393636 19980421	9535635 19930303	Federal Cartridge Co
Solid propellant rocket motor with flash	H1144 19930302	90593725 19901004	Alliant Techsystems Inc.

Pending Applications

Patent Number	Issue Date	Application Number	Filing Date	Title	Owner
4,599,532	07/15/1986	06/688,795	01/04/1985	Extendible Structures	AEC-Able Engineering Co., Inc
4,781,084	06/02/1988	07/068,564	06/30/1987	Bearing System With Redundant Race	AEC-Able Engineering Co., Inc
4,834,561	05/30/1989	07/195,943	05/19/1988	Bearing System With Redundant Race	AEC-Able Engineering Co., Inc
4,969,301	11/13/1990	07/365,947	06/14/1989	Relatchable Launch Restraint Mechanism For Deployable Booms	AEC-Able Engineering Co., Inc
5,024,111	06/18/1991	07/428,395	10/30/1989	Adjustment of Zero Spring Rate Suspensions	AEC-Able Engineering Co., Inc
5,154,027	10/13/1992	07/758,266	08/28/1991	Deployable/Retractable Mast Independently Rotatable When Deployed	AEC-Able Engineering Co., Inc
5,222,277	06/29/1993	07/860,788	03/31/1992	Intermittently and Reversibly Operable Hot Wax Energized Hinge	AEC-Able Engineering Co., Inc
5,267,424	12/07/1993	07/866,029	04/09/1992	Module For an Articulated Stowable and Deployable Mast	AEC-Able Engineering Co., Inc
5,296,044	03/22/1994	07/847,720	03/06/1992	Lightweight Stowable and Deployable Solar Cell Array	AEC-Able Engineering Co., Inc
5,298,085	03/29/1994	07/857,542	03/24/1992	Support Blanket For Solar Cell Arrays	AEC-Able Engineering Co., Inc
5,487,791	01/30/1996	08/249,125	05/25/1994	Stowable and Self-Deployable Parallelogram-Type Panel Array	AEC-Able Engineering Co., Inc
5,498,414	03/05/1996	08/252,898	06/02/1994	Stowable and Deployable Concentrator For Solar Cells	AEC-Able Engineering Co., Inc
5,578,139	11/26/1996	08/368,774	01/03/1995	Stowable and Deployable Solar Energy Concentrator With Fresnel Lenses	AEC-Able Engineering Co., Inc
5,909,197	06/01/1999	08/832,982	04/04/1997	Deployable Helical Antenna Stowage in a Compact Retracted Configuration	AEC-Able Engineering Co., Inc
5,981,738	10/05/1999	08/903,123	07/30/1997	Solar Array For Satellite Vehicles	AEC-Able Engineering Co., Inc
6,177,627	01/23/2001	09/337,624	06/21/1999	Solar Cell Array With Multiple Rows of Cells and Collapsible Reflectors	AEC-Able Engineering Co., Inc
6,218,605	04/17/2001	08/841,526	04/23/1997	Performance Optimizing System For a Satellite Solar Array	AEC-Able Engineering Co., Inc
6,423,895	07/23/2002	09/805,308	03/12/2001	Solar Array For Satellite Vehicles	AEC-Able Engineering Co., Inc

Release of Patent reel/frame 015271/0023

No.	Title	Patent Number	Issue Date	Application Number	Filing Date	Owner
1.	Deployable Helical Antenna Stowage in a Compact Retracted Configuration	5909197	01-Jun-1999	08/832982	04-Apr-1997	Orbital ATK, Inc.
2.	Performance Optimizing System For a Satellite Solar Array	6218605	17-Apr-2001	08/841526	23-Apr-1997	Orbital ATK, Inc.
3.	Solar Array For Satellite Vehicles	5961738	05-Oct-1999	08/903123	30-Jul-1997	Orbital ATK, Inc.
4.	Solar Cell Array With Multiple Rows of Cells and Collapsible Reflectors	6177627	23-Jan-2001	09/337624	21-Jun-1999	Orbital ATK, Inc.
5.	High Temperature Isostatic Pressure Bonding of Beryllium Pressure Vessels With an Interior Void	6264095	24-Jul-2001	09/350349	14-Jul-1999	Orbital ATK, Inc.
6.	Low Shock Anti-Friction Release Device	6119984	19-Sep-2000	09/356200	16-Jul-1999	Orbital ATK, Inc.
7.	Rocket Assembly Ablative Materials Formed From, as a Precursor, Staple Cellulosic Fibers, and Method of Insulating or Thermally Protecting a Rocket Assembly With the Same	6235359	22-May-2001	09/377186	19-Aug-1999	Orbital ATK, Inc.
8.	Cryogenic Thermal Switch Employing Materials Having Differing Coefficients of Thermal Expansion	6276144	21-Aug-2001	09/383897	26-Aug-1999	Orbital ATK, Inc.

SCHEDULE B

TRADEMARKS

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
BULLS EYE	61,982 19070416	71-021,649 19060818	Alliant Techsystems Inc.	Renewed-09/17/1987
SHARPSHOOTER	61,988 19070416	71-021,651 19060818	Alliant Techsystems Inc.	Renewed-11/02/1987
"UNIQUE"	62,306 19140825	71-077,388 19140407	Alliant Techsystems Inc.	Renewed-08/22/1994
GUNSLICK	323,141 89350402	71-357,453 89341024	Alliant Techsystems Inc.	Renewed-03/21/1995
MIGHTY-LITE	2,428,446 20010213	71-554,221 20000229	Alliant Techsystems Inc.	Registered
MONARK	509,767 19490510	71-554,221 19480409	Federal Cartridge Company	Renewed-09/13/1989
ION-E	529,119 19500815	71-569,548 19481129	Alliant Techsystems Inc.	Renewed-02/01/2001
ION-E	1,056,296 19770224	73-088,744 19760328	Alliant Techsystems Inc.	Registered
AMERICAN EAGLE	577,427 19530714	71-638,197 19521117	Federal Cartridge Company	Renewed-10/17/2003
AMERICAN EAGLE DESIGN	595,057 19540914	71-657,271 19531202	Federal Cartridge Company	Renewed-08/02/1994
THROCOL	654,107 19571112	72-009,306 19560529	ATK Aerospace Company, Inc.	Renewed-03/25/1998
BAR BUOY	679,813 19590609	72-056,753 19580807	Alliant Techsystems Inc.	Renewed-09/13/1999
THROCOL	678,853 19590519	72-061,136 19581022	ATK Aerospace Company, Inc.	Renewed-09/08/1980
GUNSLICK	699,543 19600614	72-075,577 19590611	Alliant Techsystems Inc.	Renewed-09/02/2000
GUNSLICK	714,592 19610902	72-098,821 19600927	Alliant Techsystems Inc.	Renewed-05/29/2001

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
GUNSLICK	714,735 19610502	72-098,822 19600527	Alliant Techsystems Inc.	Renewed-04/14/2001
GUNSLICK	713,868 19610528	72-098,823 19600527	Alliant Techsystems Inc.	Renewed-09/06/2001
PERKINS	713,943 19610815	72-105,041 19600923	Alliant Techsystems Inc.	Renewed-07/29/2001
PLINKER	726,419 19620116	72-116,929 19610331	Alliant Techsystems Inc.	Renewed-07/20/1982
FEDERAL	729,938 19620417	72-121,373 19610605	Federal Cartridge Company	Renewed-07/29/2002
PRECISIONEERED	776,818 19640901	72-151,081 19620813	Alliant Techsystems Inc.	Renewed-10/16/1984
TOP-OFF	754,116 19630806	72-133,042 19620912	Alliant Techsystems Inc.	Renewed-12/12/2003
HI-SHOK	765,673 19640225	72-160,419 19630109	Federal Cartridge Company	Renewed-01/24/1984
FLEXADYNE	792,437 19650713	72-182,108 19631129	Alliant Techsystems Inc.	Renewed-09/12/1985
AMERICAN EAGLE	781,203 19641208	72-182,715 19631210	Federal Cartridge Company	Renewed-12/08/1984
N/A	781,263 19641229	72-182,716 19631210	Federal Cartridge Company	Renewed-12/25/1984
AMERICAN EAGLE	783,685 19650119	72-182,717 19631210	Federal Cartridge Company	Renewed-03/26/1985
AMERICAN EAGLE	808,747 19660524	72-221,809 19650623	Federal Cartridge Company	Renewed-02/13/1986
AMERICAN EAGLE DESIGN	808,748 19660524	72-221,810 19650623	Federal Cartridge Company	Renewed-02/18/1986
AMERICAN EAGLE	808,014 19660510	72-221,874 19650623	Federal Cartridge Company	Renewed-10/06/1986
GREEN DOT	816,827 19661018	72-224,742 19650802	Alliant Techsystems Inc.	Renewed-02/03/1987
RELOADER	816,481 19661011	72-224,743 19650802	Alliant Techsystems Inc.	Renewed-01/28/1987
RCBS	820,178 19661213	72-228,873 19650917	Alliant Techsystems Inc.	Renewed-04/16/1987

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
CCY	831,313 19670704	72-239,496 19651007	Alliant Techsystems Inc.	Renewed-03/07/1988
STRIPES DESIGN	840,725 19671219	72-239,033 19660217	Federal Cartridge Company	Renewed-03/07/1988
SL-SHOCK	891,883 19780602	72-321,207 19690310	Federal Cartridge Company	Renewed-07/20/2001
N/A	907,400 19710209	72-330,364 19690617	Federal Cartridge Company	Renewed-12/11/2001
FEDERAL	908,594 19710302	72-330,366 19690617	Federal Cartridge Company	Renewed-05/24/2001
DUCK DESIGN	907,401 19710209	72-330,271 19690617	Federal Cartridge Company	Renewed-05/24/2001
TRIPLE-PLUS	920,023 19730914	72-370,088 19700908	Federal Cartridge Company	Renewed 12/01/2001
BLUE DOT	971,715 19731030	72-439,174 19721624	Alliant Techsystems Inc.	Renewed 01/07/2004
LUBE-A-MATIC	1,034,650 19760302	73-045,235 19750226	Alliant Techsystems Inc.	Renewed 05/09/1996
CHAMPION	1,054,411 19761214	73-086,083 19760510	Federal Cartridge Company	Renewed 10/14/1996
SPBER	1,102,083 19780912	73-130,500 19770617	Alliant Techsystems Inc.	Renewed-09/03/1998
SPBER	1,101,411 19780905	73-133,772 19770739	Alliant Techsystems Inc.	Renewed 08/06/1998
NYCLAD	1,148,863 19810314	73-191,115 19781027	Federal Cartridge Company	Renewed 02/22/2001
PREMIUM	1,208,731 19841002	73-200,036 19790115	Federal Cartridge Company	Registered
GOLD MEDAL	1,155,309 19810526	73-235,071 19791018	Federal Cartridge Company	Renewed-05/03/2001
ORBEX	1,226,681 19830208	73-276,843 19800908	Alliant Techsystems Inc.	Renewed-03/05/2003
O	1,189,479 19820209	73-276,900 19800908	Alliant Techsystems Inc.	Renewed-12/12/2002
ORBEX	1,189,222 19820209	73-276,903 19800908	Alliant Techsystems Inc.	Renewed-01/25/2003

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
O	1,172,163 19811006	73-276,937 19800908	Alliant Techsystems Inc.	Renewed-01/27/2003
ORBEX	1,195,816 19820518	73-276,942 19800908	Alliant Techsystems Inc.	Renewed-11/26/2002
ORBEX	1,194,977 19820511	73-278,298 19800918	Alliant Techsystems Inc.	Renewed-03/01/2003
CADRE-BUOY	1,236,373 19830503	73-341,460 19811214	Alliant Techsystems Inc.	Renewed-07/14/2003
DRINK-BUOY	1,349,869 19830830	73-341,461 19811214	Alliant Techsystems Inc.	Renewed-09/13/2003
SAIL-BUOY	1,242,136 19830614	73-341,683 19811214	Alliant Techsystems Inc.	Renewed-09/13/2003
BLAZER	1,232,643 19830329	73-346,887 19820122	Alliant Techsystems Inc.	Renewed-10/19/2003
GREEN MACHINE	1,245,227 19830712	73-348,234 19820205	Alliant Techsystems Inc.	Registered
BIKE-BUOY	1,253,801 19831011	73-370,104 19820617	Alliant Techsystems Inc.	Renewed-09/13/2003
SANDIT	1,251,590 19830920	73-388,656 19820924	Alliant Techsystems Inc.	Registered
GOLF-BUOY	1,277,037 19840508	73-416,897 19830311	Alliant Techsystems Inc.	Registered
RED DOT	1,298,733 19841002	73-439,459 19830815	Alliant Techsystems Inc.	Registered
MICRO CRAFT	1,355,807 19850820	73-479,984 19840511	Micro Craft, Inc.	Registered
PRIC/PIONEERED	1,368,571 19851105	73-488,051 19840702	Alliant Techsystems Inc.	Registered
RAM-LINE	1,346,021 19850702	73-488,908 19840709	Alliant Techsystems Inc.	Registered
POST-PRIME	1,436,252 19870414	73-614,659 19860814	Alliant Techsystems Inc.	Registered
BILT PAK	1,439,101 19870512	73-614,909 19860815	Alliant Techsystems Inc.	Registered
ANMO CAN	1,437,237 19870421	73-615,038 19860815	Alliant Techsystems Inc.	Registered

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
WES	1,480,802 19880315	73-675,571 19870730	Alliant Techsystems Inc.	Registered
YAKMINTER	1,570,827 19891212	73-685,946 19870924	Alliant Techsystems Inc.	Renewed 02/03/2000
ROCKRE KEEPER	1,521,117 19890117	73-729,519 19880517	Alliant Techsystems Inc.	Registered
CLASSIC HI-BRASS	1,595,332 19900508	73-799,199 19890511	Federal Cartridge Company	Renewed 07/29/2000
EXTRA-LITE	1,567,701 19891121	73-799,282 19890511	Federal Cartridge Company	Renewed 08/23/1999
OUTERS	1,632,806 19910129	73-804,844 19890605	Alliant Techsystems Inc.	Renewed 04/14/2001
TOP GUN	1,645,933 19910528	73-816,672 19890803	Federal Cartridge Company	Renewed 04/30/2001
HI-BRASS	1,596,295 19900515	73-816,683 19890603	Federal Cartridge Company	Renewed 07/19/2000
HI-POWER	1,607,415 19900724	73-826,826 19890918	Federal Cartridge Company	Renewed 05/16/2001
AMERICAN EAGLE	1,600,686 19900612	73-826,830 19890919	Federal Cartridge Company	Renewed 08/24/2000
NYCLAD	1,394,111 19900301	73-826,951 19890922	Federal Cartridge Company	Renewed 08/04/2000
HYDRA-SHOCK	1,594,112 19900501	73-827,192 19890925	Federal Cartridge Company	Renewed 08/23/2000
T&U	1,600,687 19900612	73-833,272 19891023	Alliant Techsystems Inc.	Renewed 08/26/2000
MAXI MAG	1,600,688 19900612	73-833,273 19891023	Alliant Techsystems Inc.	Renewed 09/26/2000
LAWMAN	1,768,573 19930504	73-833,277 19891023	Alliant Techsystems Inc.	Renewed 11/24/2002
GREEN TAG	1,624,729 19901127	73-833,278 19891023	Alliant Techsystems Inc.	Renewed 04/07/2001
STUMPER	1,608,156 19900731	73-833,252 19891023	Alliant Techsystems Inc.	Renewed 01/27/2001
HUNTERS FOR CONSERVATION	1,697,218 19930623	74-099,719 19900924	Federal Cartridge Company	Renewed-09/04/2002

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
AMMOMASTER	1,690,080 19920602	74-107,890 19901022	Alliant Technologies Inc.	Renewed-02/26/2003
EAGLE DESIGN	1,673,392 19920128	74-124,723 19901217	Federal Cartridge Company	Renewed-01/15/2002
AMERICAN EAGLE	1,671,073 19920107	74-130,308 19910114	Federal Cartridge Company	Renewed-01/15/2002
PALM RIDER	1,738,866 19970817	74-250,298 19930327	Federal Cartridge Company	Registered
GOLD MEDAL	1,909,368 19950801	74-319,397 19921002	Federal Cartridge Company	Registered
GOLD MEDAL	1,830,567 19940208	74-319,717 19921005	Federal Cartridge Company	Renewed-01/28/2004
PREMIUM SAFARI	1,778,868 19930629	74-326,416 19921029	Federal Cartridge Company	Renewed-09/25/2003
AMERICAN SPORTER	1,836,448 19940315	74-335,989 19921202	Alliant Technologies Inc.	Registered
CASTOR 120	1,851,878 19940830	74-339,107 19921211	ATK Aerospace Company, Inc.	Registered
CASTOR	1,851,879 19940830	74-339,378 19921211	ATK Aerospace Company, Inc.	Registered
TACTICAL LOAD	1,980,333 19960618	74-340,096 19921214	Federal Cartridge Company	Registered
INI-COR	1,797,732 19931012	74-363,505 19930226	Alliant Technologies Inc.	Renewed-09/17/2003
GOLD DOT	1,898,839 19930613	74-363,507 19930226	Alliant Technologies Inc.	Registered
OLBAN-FIRE	1,825,074 19940308	74-363,518 19930226	Alliant Technologies Inc.	Registered
IC	1,812,059 19931221	74-363,603 19930226	Alliant Technologies Inc.	Renewed-11/22/2003
FLIGHT MASTER	1,894,689 19950516	74-422,519 19930806	Alliant Technologies Inc.	Registered
TRIM PRO	1,963,369 19960312	74-515,949 19940430	Alliant Technologies Inc.	Registered
CASE MASTER	1,883,923 19950328	74-516,109 19940420	Alliant Technologies Inc.	Registered

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
CASH SLICE	1,892,898 19950509	74-516,120 19940420	Alliant Techsystems Inc.	Registered
POWER PULL	1,888,379 19950411	74-516,123 19940420	Alliant Techsystems Inc.	Registered
FEDERAL WING & CLAY	2,141,197 19980303	74-539,687 19940620	Federal Cartridge Company	Registered
SUPPORT THE SHOOTING SPORTS	1,989,022 19960723	74-539,689 19940620	Federal Cartridge Company	Registered
GOLD MEDAL ULTRA MATCH	1,963,786 19960326	74-555,811 19940729	Federal Cartridge Company	Registered
LITHIUM	1,353,264 19960130	74-644,949 19950708	Alliant Techsystems Inc.	Registered
TACTICAL	2,091,808 19970826	74-680,859 19950530	Federal Cartridge Company	Registered
QUICK POINT	1,991,115 19960805	74-694,938 19950626	Alliant Techsystems Inc.	Registered
NYTEX	2,051,560 19970408	74-727,518 19950911	Alliant Techsystems Inc.	Registered
9400	2,052,642 19970520	74-731,661 19950920	Alliant Techsystems Inc.	Registered
POWER PISTOL	2,079,998 19970715	74-731,662 19950920	Alliant Techsystems Inc.	Registered
ALLIANT POWDER	2,002,913 19960924	74-731,664 19950920	Alliant Techsystems Inc.	Registered
APS	2,080,802 19970715	74-733,366 19950823	Alliant Techsystems Inc.	Registered
MULTIPURPOSE	2,045,204 19970311	75-022,160 19951120	Alliant Techsystems Inc.	Registered
BALLISTIC CLEAN	2,012,000 19961029	75-027,145 19951204	Federal Cartridge Company	Registered
EXTRA-LITE	2,017,887 19961119	75-043,388 19960116	Federal Cartridge Company	Registered
AMERICAN SELECT	2,240,937 19990420	75-051,385 19960131	Alliant Techsystems Inc.	Registered
NON TOXIC LEAD FREE	2,165,014 19980616	75-066,814 19960304	Federal Cartridge Company	Registered

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
PREMIUM	2,047,681 19970323	75-489,284 19960416	Federal Cartridge Company	Registered
OUTRIDER	2,240,979 19980420	75-132,893 19960711	Alliant Technologies Inc.	Registered
PERSONAL DEFENSE	2,112,532 19971111	75-209,915 19961120	Federal Cartridge Company	Registered
FEDERAL PREMIUM SAFARI	2,125,468 19971230	75-212,223 19961212	Federal Cartridge Company	Registered
RYN-TECH	2,196,472 19981013	75-223,112 19970108	Alliant Technologies Inc.	Registered
DVO	2,248,147 19980225	75-275,399 19970415	Alliant Technologies Inc.	Registered
BOCHAMP	2,243,426 19980504	75-275,360 19970415	Alliant Technologies Inc.	Registered
STEEL	2,322,545 20000222	75-381,818 19971030	Alliant Technologies Inc.	Registered
BC-130	2,245,872 19980518	75-436,601 19980218	Alliant Technologies Inc.	Registered
HEAVY FIELD LOAD	2,235,542 19980323	75-443,609 19980303	Federal Cartridge Company	Registered
HUNTERS FOR CONSERVATION	2,305,500 20000104	75-475,045 19980427	Federal Cartridge Company	Registered
DIAL-A-SIZE	2,553,099 20020326	75-496,928 19980605	Alliant Technologies Inc.	Registered
ALLIANT POWDER TECHNICALLY SUP	2,375,888 20000808	75-505,287 19980619	Alliant Technologies Inc.	Registered
TECHNICALLY SUPERIOR BY DESIGN	2,683,978 20030204	75-505,575 19980619	Alliant Technologies Inc.	Registered
READY LAUNCH	2,493,032 20010925	75-546,842 19980903	Alliant Technologies Inc.	Registered
WHEEL DESIGN	2,669,449 20021231	75-563,730 19981005	Alliant Technologies Inc.	Registered
PROMO	2,360,820 20000620	75-574,681 19981021	Alliant Technologies Inc.	Registered
TIHOKOL PROPULSION	N/A	75-582,008 19981103	ATK Aerospace Company, Inc.	Pending-ITU

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
ROLL YOUR OWN	2,525,604 20020101	75-633,085 19990303	Alliant Techsystems Inc.	Registered
ATK	2,782,133 20031111	75-680,985 19990216	Alliant Techsystems Inc.	Registered
ALLIANT MEDIA	2,598,400 20020723	75-662,813 19990311	Alliant Techsystems Inc.	Registered
ATK ALLIANT TECHSYSTEMS	2,779,766 20031104	75-675,703 19990226	Alliant Techsystems Inc.	Registered
KNOCKDOWN POWER	2,420,347 20030109	75-684,647 19990416	Federal Cartridge Company	Registered
DEEP-SHOK	2,472,138 20010724	75-684,648 19990416	Federal Cartridge Company	Registered
THE LEAD EQUIVALENT	2,416,493 20031226	75-686,172 19990416	Federal Cartridge Company	Registered
GOLD MEDAL	2,532,839 20040321	75-707,193 19990517	Federal Cartridge Company	Registered
PERSONAL DEFENSE	2,411,530 20001203	75-707,287 19990317	Federal Cartridge Company	Registered
FEDERAL PREMIUM	2,359,927 2000620	75-707,288 19990317	Federal Cartridge Company	Registered
CLASSIC	2,401,619 20001107	75-707,290 19990517	Federal Cartridge Company	Registered
FEDERAL CLASSIC	2,368,302 20000718	75-707,349 19990517	Federal Cartridge Company	Registered
RHT	2,416,529 20001226	75-711,697 19990521	Alliant Techsystems Inc.	Registered
VIRTUAL CELL	N/A	75-716,500 19990527	Alliant Techsystems Inc.	Pending-TTU
PREMIUM	2,401,652 20001107	75-716,523 19990524	Federal Cartridge Company	Registered
CASTCORE	2,545,517 20020303	75-757,183 19990722	Federal Cartridge Company	Registered
NDEVIEWER	2,819,087 20020910	75-852,091 19991117	Alliant Techsystems Inc.	Registered
PRO 2000	2,548,145 20020312	75-892,162 19991227	Alliant Techsystems Inc.	Registered

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
THE POWER PATTERN SYSTEM	2,544,162 20011204	75-897,397 20000114	Federal Cartridge Company	Registered
SPER	2,561,094 20011021	75-921,690 20000217	Alliant Technologies Inc.	Registered
SUPER SPORT	2,575,149 20020604	75-931,196 20000229	Alliant Technologies Inc.	Registered
HIGH VELOCITY 8 BALL BUCKSHOT	2,584,369 20020625	75-931,255 20000228	Alliant Technologies Inc.	Registered
ESTATE CARTRIDGE ECI & DESIGN	2419305 20010109	75-931,431 20000229	Alliant Technologies Inc.	Registered
ESTATE CARTRIDGE INC.	2419306 20010109	75-931,432 20000228	Alliant Technologies Inc.	Registered
TNT	2,473,437 20010807	75-940,859 20000310	Alliant Technologies Inc.	Registered
UTAH TERRITORY BULLETS	2,672,653 20030107	75-955,165 20000307	Alliant Technologies Inc.	Registered
K DIE	2,563,180 20020423	76-050,336 20000717	Alliant Technologies Inc.	Registered
GOLD DOT	2,512,419 20011127	76-169,378 20001121	Alliant Technologies Inc.	Registered
TRAILBLAZER	2,574,516 20020528	76-177,955 20001208	Alliant Technologies Inc.	Registered
COMPOSITE OPTICS, INCORPORATED	2,567,187 20020507	76-236,999 20010409	Composite Optics, Incorporated	Registered
LL	2,644,346 20021029	76-282,295 20010709	Federal Cartridge Company	Registered
PREMIUM	N/A	76-383,066 20010709	Federal Cartridge Company	Pending-TTU
COI	2648892 20021112	76-294759 20010901	COI	Registered
RELODER	2,778,346 20031028	76-310,844 20010910	Alliant Technologies Inc.	Registered
RELODER 10X	N/A	76-312,651 20010912	Alliant Technologies Inc.	Pending-TTU
RIMFIRE VELOCITY AMMUNITION	2,720,888 20030603	76-389,940 20020403	Alliant Technologies Inc.	Registered

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
SID	2,893,714 20040106	78-149,187 20030731	Alliant Techsystems Inc.	Registered
OUTFITTER JOURNAL	2,895,868 20040113	78-172,011 20021008	Alliant Techsystems Inc.	Registered
CAPE SHOK	N/A	78-218,021 20030224	Alliant Techsystems Inc.	Pending-ITU
VITAL SHOK	N/A	78-218,028 20030224	Alliant Techsystems Inc.	Pending-ITU
V SHOK	N/A	78-218,036 20030224	Alliant Techsystems Inc.	Pending-ITU
MAG SHOK	N/A	78-218,042 20030224	Alliant Techsystems Inc.	Pending-ITU
ULTRA SHOK	N/A	78-218,046 20030224	Alliant Techsystems Inc.	Pending-ITU
WING SHOK	N/A	78-218,052 20030224	Alliant Techsystems Inc.	Pending-ITU
POWER SHOK	N/A	78-218,058 20030224	Alliant Techsystems Inc.	Pending-ITU
SPEED SHOK	N/A	78-218,070 20030224	Alliant Techsystems Inc.	Pending-ITU
GAME SHOK	N/A	78-218,074 20030224	Alliant Techsystems Inc.	Pending-ITU
ROD-COR	N/A	78-224,157 20030311	Alliant Techsystems Inc.	Pending
ROD-COR	N/A	78-224,199 20030311	Alliant Techsystems Inc.	Pending
EVADOR	N/A	78-232,977 20030522	Federal Cartridge Company	Pending-ITU
RCBS	N/A	78-272,013 20030709	Alliant Techsystems Inc.	Pending
RCBS	N/A	78-272,016 20030709	Alliant Techsystems Inc.	Pending
RCBS	N/A	78-272,019 20030709	Alliant Techsystems Inc.	Pending
RCBS	N/A	78-272,027 20030709	Alliant Techsystems Inc.	Pending

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
KICM	N/A	78-286,411 20030812	Alliant Techsystems Inc.	Pending-ITU
R3LP	N/A	78-293,294 20030828	Federal Cartridge Company	Pending-ITU
N/A	N/A	78-313,114 20031014	Federal Cartridge Company	Pending-ITU
N/A	N/A	78-313,162 20031014	Federal Cartridge Company	Pending-ITU
N/A	N/A	78-313,169 20031014	Federal Cartridge Company	Pending-ITU
ROCK STEADY	N/A	78-322,165 20031103	Alliant Techsystems Inc.	Pending-ITU
STEADY BAX	N/A	78-322,428 20031103	Alliant Techsystems Inc.	Pending-ITU
KNOCKDOWN POWER	N/A	78-324,312 20031106	Federal Cartridge Company	Pending-ITU
ROCKMOUNT	N/A	78-329,822 20031118	Alliant Techsystems Inc.	Pending-ITU
QUAD LOCK	N/A	78-329,826 20031119	Alliant Techsystems Inc.	Pending-ITU
LOW RECOIL	N/A	78-330,306 20031119	Federal Cartridge Company	Pending-ITU
VISL-SHOT	N/A	78-330,833 20031120	Alliant Techsystems Inc.	Pending-ITU
HIGH PLY	N/A	78-331,428 20031121	Alliant Techsystems Inc.	Pending-ITU
SKYBIRD	N/A	78-331,431 20031121	Alliant Techsystems Inc.	Pending-ITU
MATCHBIRD	N/A	78-331,433 20031121	Alliant Techsystems Inc.	Pending-ITU
STEADY POD	N/A	78-331,996 20031124	Alliant Techsystems Inc.	Pending-ITU
STALK STICK	N/A	78-331,998 20031124	Alliant Techsystems Inc.	Pending-ITU
GUN SPIKE	N/A	78-331,999 20031124	Alliant Techsystems Inc.	Pending-ITU

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
FEDERAL	N/A	78-332,009 20031124	Federal Cartridge Company	Pending-ITU
STEADY POINT	N/A	78-332,013 20031124	Alliant Technologies Inc.	Pending-ITU
PREMIUM	N/A	78-332,019 20031124	Federal Cartridge Company	Pending-ITU
INDEPENDENCE	N/A	78-332,023 20031124	Federal Cartridge Company	Pending-ITU
FEDERAL	N/A	78-332,026 20031124	Federal Cartridge Company	Pending-ITU
PREMIUM	N/A	78-332,029 20031124	Federal Cartridge Company	Pending-ITU
SLING LOCK	N/A	78-332,050 20031124	Alliant Technologies Inc.	Pending-ITU
ZSHOOTERS RINSE	N/A	78-332,198 20031124	Alliant Technologies Inc.	Pending-ITU
X-RAY	N/A	78-335,888 20031205	Alliant Technologies Inc.	Pending-ITU
STEADY BAG	N/A	78-336,890 20031205	Alliant Technologies Inc.	Pending-ITU
ONE AND ONLY	N/A	78-338,079 20031210	Alliant Technologies Inc.	Pending-ITU
OUTFITTER	N/A	78-342,229 20031217	Alliant Technologies Inc.	Pending-ITU
OUTFITTER	N/A	78-342,279 20031217	Alliant Technologies Inc.	Pending-ITU
ATK THROKOL PROPULSION	N/A	78-343,271 20031219	Alliant Technologies Inc.	Pending-ITU
ATK THROKOL PROPULSION	N/A	78-343,274 20031219	Alliant Technologies Inc.	Pending-ITU
ATK THROKOL PROPULSION	N/A	78-343,608 20031219	Alliant Technologies Inc.	Pending-ITU
N/A	N/A	78-346,828 20031231	Alliant Technologies Inc.	Pending-ITU
OUTFITTER LOGO	N/A	78-347,052 20031231	Alliant Technologies Inc.	Pending-ITU

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
INDEPENDENCE	N/A	78-349,715 20040109	Federal Cartridge Company	Pending-ITU
N/A	N/A	78-350,877 20040109	Alliant Techsystems Inc.	Pending-ITU
N/A	N/A	78-350,884 20040109	Alliant Techsystems Inc.	Pending-ITU
THREE-IN-A-ROW	N/A	78-350,156 20040109	Alliant Techsystems Inc.	Pending-ITU
FEDERAL PREMIUM	N/A	78-352,213 20040115	Alliant Techsystems Inc.	Pending-ITU
OW	N/A	78-355,521 20040122	Alliant Techsystems Inc.	Pending
OW OUTDOOR WEATHERS	N/A	78-355,524 20040122	Alliant Techsystems Inc.	Pending
SHOOTERS RIDGE	N/A	78-286,178 20030812	Federal Cartridge Company	Registered
SHOOTERS RIDGE	N/A	78-357,353 20040126	Alliant Techsystems Inc.	Pending-ITU
SHOOTERS RIDGE	N/A	78-357,425 20040126	Alliant Techsystems Inc.	Pending-ITU
GOLD MATCH	N/A	78-357,665 20040126	Alliant Techsystems Inc.	Pending
IN-SIGHT	N/A	78-360,835 20040202	Alliant Techsystems Inc.	Pending-ITU
IN SIGHT	N/A	78-360,989 20040202	Alliant Techsystems Inc.	Pending-ITU
PYRAMIC		78-363,911 20040306	Composites Optics Inc.	Pending
S	N/A	78-368,294 20040217	Alliant Techsystems Inc.	Pending-ITU
S	N/A	78-369,294 20040217	Alliant Techsystems Inc.	Pending-ITU
WIDE VIEWER	N/A	78-370,385 20040219	Alliant Techsystems Inc.	Pending
CHAMPION	N/A	78-373,938 20040225	Alliant Techsystems Inc.	Pending

Trademark	Reg. No. Reg. Date	Serial No. Filing Date	Owner	Status
CHAMPION TRAPS & TARGETS CRIT	N/A	78-374,572 20040226	Alliant Techsystems Inc.	Pending
CHAMPION TRAPS & TARGETS CRIT	N/A	78-376,670 20040301	Alliant Techsystems Inc.	Pending
CHAMPION TRAPS & TARGETS CRIT	N/A	78-376,671 20040301	Alliant Techsystems Inc.	Pending
CHAMPION	N/A	78-376,867 20040301	Alliant Techsystems Inc.	Pending
CHAMPION TRAPS & TARGETS	N/A	78-376,470 20040301	Alliant Techsystems Inc.	Pending
CHAMPION	N/A	78-376,474 20040301	Alliant Techsystems Inc.	Pending
CHAMPION TRAPS & TARGETS	N/A	78-376,545 20040301	Alliant Techsystems Inc.	Pending
CHAMPION TRAPS & TARGETS	N/A	78-376,548 20040301	Alliant Techsystems Inc.	Pending
MISCELLANEOUS DESIGN	1,346,822 19890702	73-488,909 19840709	Alliant Techsystems Inc.	Registered

SCHEDULE C

COPYRIGHTS

None.