

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
AMMUNITION ACCESSORIES, INC.	06/21/2002

RECEIVING PARTY DATA

Name:	ALLIANT TECHSYSTEMS, INC.
Street Address:	5050 Lincoln Drive
City:	Edina
State/Country:	MINNESOTA
Postal Code:	55436

PROPERTY NUMBERS Total: 48

Property Type	Number
Application Number:	60118290
Application Number:	09841784
Patent Number:	RE34612
Patent Number:	D269989
Patent Number:	D269988
Patent Number:	6260463
Patent Number:	6209459
Patent Number:	5767433
Patent Number:	5747718
Patent Number:	5719348
Patent Number:	5605139
Patent Number:	5561563
Patent Number:	5526600
Patent Number:	5495676
Patent Number:	5471776

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Patent Number:	5435223
Patent Number:	5357703
Patent Number:	5235765
Patent Number:	5221806
Patent Number:	5216199
Patent Number:	5202529
Patent Number:	5149898
Patent Number:	5099595
Patent Number:	5090805
Patent Number:	5079814
Patent Number:	5066174
Patent Number:	5024135
Patent Number:	4963201
Patent Number:	4939862
Patent Number:	4901411
Patent Number:	4890534
Patent Number:	4888899
Patent Number:	4862620
Patent Number:	4841831
Patent Number:	4790094
Patent Number:	4769938
Patent Number:	4672760
Patent Number:	4653157
Patent Number:	4637291
Patent Number:	4608102
Patent Number:	4574508
Patent Number:	4389791
Patent Number:	4387492
Patent Number:	4336739
Patent Number:	5375359
Patent Number:	4901463
Patent Number:	4509283
Patent Number:	D290866

CORRESPONDENCE DATA

Fax Number: (612)340-8856

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 6124926694

Email: avery.barb@Dorsey.com

Correspondent Name: Dorsey & Whitney LLP

Address Line 1: 50 South Sixth Street

Address Line 2: Suite 1500

Address Line 4: Minneapolis, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:

410492-1 #2

NAME OF SUBMITTER:

Barb Avery

Total Attachments: 3

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ASSIGNMENT OF U.S. PATENTS

WHEREAS, AMMUNITION ACCESSORIES, INC., a Delaware corporation having a principal place of business at 4520 Executive Park Drive, Montgomery, Alabama 36116-1602, hereinafter referred to as "Assignor," owns the patents identified in the attached Schedule A ("the Patents"), and

WHEREAS, ALLIANT TECHSYSTEMS INC., a Delaware corporation having its principal place of business at 5050 Lincoln Drive, Edina, Minnesota 55436, hereinafter referred to as "Assignee," is desirous of acquiring the entire right, title and interest thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby transfers and assigns, effective *nunc pro tunc* as of December 4, 2001, to Assignee, and Assignee hereby accepts the transfer and assignment of, all of Assignor's entire right, title and interest in, to and under the Patents listed in Schedule A; and including any and all inventions described therein, and in any and all continuations-in-part, continuations, divisions, substitutes, reissues, reexaminations, or extensions thereof; and all other applications for letters patent relating thereto which have been filed, or hereafter shall be filed by Assignee, in the United States or in any other jurisdiction, and further including all rights to sue for infringement of the preceding rights (whether arising before or after the effective date hereof), the same to be held and enjoyed by the said Assignee, its successors and assigns from and after the effective date hereof as fully and entirely as the same would have been held and enjoyed by the said Assignor had this Assignment of Patents not been made.

AMMUNITION ACCESSORIES, INC.

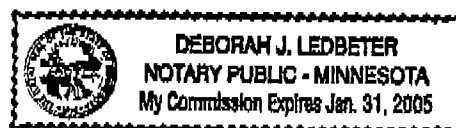
By: *Ann D. Davidson*
Ann D. Davidson
Its: Assistant Secretary

STATE OF Minnesota)
COUNTY OF Hennepin) SS.

Subscribed and sworn to before me this 21 day of June, 2002.

Deborah J. Ledbetter
Notary Public

My Commission Expires: 1-31-05



Schedule A To Assignment of U.S. Patents

Patent Number	Title	Issue Date
RE34,612	Indexing Reloader of Cartridges	5/24/94
D309,213	Enclosed Container	7/17/90
D269,989	Detachable Top Mount Base for Mounting a Telescopic Pistol Sight	8/2/83
D269,988	Optical Gun Sight Mount	8/2/83
6,260,463	Hand Held Primer Loading Tool	7/17/01
6,209,459	Method for Etching Characters on Bullets and Bullets Made by the Method	4/3/01
5,831,197	Primer Strip Loading Tool	11/3/98
5,767,433	Component Holder for Cartridge Reloading	6/16/98
5,747,718	Method and Apparatus for Loading Items Into Component Holder	5/5/98
5,719,348	Component Holder for Cartridge Reloading	2/17/98
5,713,423	Case Trimmer; for Holding a Cartridge Case	2/17/98
5,693,905	Primer Loading Tool	12/2/97
5,605,139	Target Trap	2/25/97
5,569,674	Formed Wire Bullet	10/29/96
5,561,563	Cross Polarization Using Two Polarized Lenses	10/1/96
5,526,600	Cartridge Magazine Capacity Extender	6/18/96
5,501,110	Cartridge Magazine Having Restricted Cartridge Capacity	4/16/96
5,497,539	Case Trimmer	3/12/96
5,495,676	Lens Cap Assembly and Removal Method	3/5/96
5,471,776	Method and Apparatus for Attachment of a Recoil Pad Assembly	12/5/95
5,435,223	Cartridge Priming Device with Safety Guard	7/25/95
5,357,703	Cartridge Magazine Having a Metal Body Used With a Plastic Firearm	10/25/94
5,277,957	Firearm With Plastic Material	12/28/93
5,235,765	Recoil Pad Assembly; Firearm	8/17/93
5,221,806	Multiple Purpose Die for Reloading Press	6/22/93
5,216,199	Lead-Free Primed Rim-fire Cartridge	6/1/93
5,202,529	Convertible Ammunition Reloading Press	4/13/93
5,149,898	Fire Control Assembly	9/22/92
5,099,595	Magazine for a Firearm	3/31/92
5,090,805	Bow Sight with Projected Reticle Aiming Spot	2/25/92
5,079,814	Method of Manufacturing a Hollow Point Bullet	1/14/92

Patent Number	Title	Issue Date
5,066,174	Cartridge Case Flash Hole Finishing Tool	11/19/91
5,024,135	Multi-Station Cartridge Reloading Press with Controlled Powder Dispensing	6/18/91
4,963,201	Primer Composition	10/16/90
4,939,862	Method and Apparatus for Orienting and Loading Cartridges	7/10/90
4,901,411	Apparatus for Partial Disassembly of a Firearm	2/20/90
4,890,534	Lubricating Die for Cartridge Reloader	1/2/90
4,888,899	Magazine for Housing Cartridges Using a Spirally Wound Conforce Spring	12/26/89
4,862,620	Side-By-Side Cartridge Magazine for Cartridges	9/5/89
4,841,831	Indexing Reloader for Cartridges	6/27/89
4,790,094	Side-By-Side Cartridge Magazine for Rim-Fire Cartridges	12/13/88
4,769,938	Composite Barrel Construction Made Using Injection Molding	9/13/88
4,739,572	Method and Apparatus for Orienting and Loading Rim-Fire Cartridges	4/26/88
4,672,760	Side-By-Side Cartridge Magazine for Rim-Fire Cartridges	6/16/87
4,653,157	Cartridge Case Trimmer Method of Using Same	3/31/87
4,637,291	Combination Ammunition Reloading Die	1/20/87
4,608,102	Primer Composition	8/26/86
4,574,508	Telescope Sight Mount	3/11/86
4,389,791	Range-Finding Telescopic Sight	6/28/83
4,387,492	Plated Jacket Soft Point Bullet	6/14/83
4,336,739	Bullet Seating Die	6/29/82
5,375,359	Magazine for Housing 0.22 Rim-fire Cartridges Including Truncated Cartridges	12/27/94
4,901,463	Cartridge Magazine Having A Single Piece Magazine Head	2/20/90
4,509,283	Cartridge Clip	4/9/85
D290,866	Cartridge Case	7/14/87
D238,279	Firearm Magazine Release Mechanisms	2/17/87
60/118,290	Process for Heat Treating Bullets Comprising Two or More Metal or Alloys, and Bullets Made by the Method	2/2/99
09/16,668	Process for Heat Treating Bullets Comprising Two or More Metal or Alloys, and Bullets Made by the Method	8/5/99
09/841,784	Hand-Held Primer Loading Tool	4/24/01
Not yet available	Improved Soft Point Bullet and Method of Making Same (Dkt 9728/388 – Bret Olin)	Not Yet Filed