

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3660469

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALLIANT TECHSYSTEMS INC.	02/06/2015
<b>RECEIVING PARTY DATA</b>	
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<b>Postal Code:</b>	84015
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14827959
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<b>ATTORNEY DOCKET NUMBER:</b>	4203.0046US3
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<b>SIGNATURE:</b>	/Lisa Johnson/
<b>DATE SIGNED:</b>	12/16/2015
<b>Total Attachments: 16</b>	
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PATENT AND INVENTION ASSIGNMENT – U.S.

Pursuant and subject to the April 28, 2014 Transaction Agreement among Alliant Techsystems Inc. ("ATK"), Vista Spinco Inc., now Vista Outdoor Inc., Vista Merger Sub Inc., and Orbital Sciences Corporation, ATK hereby assigns its right, title, and interest in and to the patents and patent applications identified in Schedule A attached hereto ("Patent Properties") to Vista Outdoor Operations LLC ("Vista"). This assignment includes ATK's rights of priority; its rights in the inventions specified in the Patent Properties and improvements thereto; its rights to file patent applications on such inventions and to obtain and own patents therefor; and its rights to sue for and collect on claims for injunctive or monetary relief by reason of past, present, or future infringement of any Patent Properties; all of the foregoing rights exercisable anywhere in the world as permitted by law. ATK hereby authorizes the Commissioner for Patents in the United States Patent and Trademark Office to record and register this Patent and Invention Assignment, and ATK further agrees to execute all documents that are both necessary and reasonably requested by Vista to perfect Vista's title in and to the Patent Properties.

IN WITNESS WHEREOF, ATK has caused this Patent and Invention Assignment to be duly executed effective as of \_\_\_\_\_.

ALLIANT TECHSYSTEMS INC.

By: \_\_\_\_\_  


Name:

Title:

Accepted by VISTA OUTDOOR OPERATIONS LLC

By: \_\_\_\_\_  


Name:

Title:

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
06/224267	16-Jan-1981			Shotshell Casing With Partially Telescoped Basewad
06/480675	31-Mar-1983	4509283	09-Apr-1985	Cartridge Clip
06/541808	13-Oct-1983	4509428	09-Apr-1985	Shotshell Casing With Partially Telescoped Basewad
06/615825	31-May-1984	D288279	17-Feb-1987	Firearm Magazine Release Mechanism
06/627816	05-Jul-1984	D290866	14-Jul-1987	Cartridge Case
06/676588	30-Nov-1984	4679505	14-Jul-1987	00 Buckshot Shotshell
06/801735	26-Nov-1985	4653157	31-Mar-1987	Cartridge Case Trimmer Method of Using Same
06/805303	04-Dec-1985	4672760	16-Jun-1987	Side-by-Side Cartridge Magazine For Rim-Fire Cartridges
06/902888	02-Sep-1986	4739572	26-Apr-1988	Method And Apparatus For Orienting and Loading Cartridges
06/937360	03-Dec-1986	4790094	13-Dec-1988	Side-by-Side Cartridge Magazine For Rim-Fire Cartridges
07/034328	03-Apr-1987			Magazine For Housing Cartridges Using A Spirally Wound Conforce Spring
07/069993	06-Jul-1987	4769938	13-Sep-1988	Composite Barrel Construction Made Using Injecton Molding
07/116035	29-Oct-1987	4901463	20-Feb-1990	Cartridge Magazine Having A Single Piece Magazine Head
07/117247	05-Nov-1987	4939862	10-Jul-1990	Method And Apparatus For Orienting and Loading Cartridges
07/205169	10-Jun-1988	4862620	05-Sep-1989	Side-by-Side Cartridge Magazine For Rim-Fire Cartridges
07/218109	12-Jul-1988	4888899	26-Dec-1989	Magazine For Housing Cartridges Using A Spirally Wound Conforce Spring
07/261273	24-Oct-1988	4841831	27-Jun-1989	Indexing Reloader of Cartridges
07/318008	02-Mar-1989	4890534	02-Jan-1990	Lubricating Die For Cartridge Reloader
07/451128	15-Dec-1989	5024135	18-Jun-1991	Multi-Station Cartridge Reloading Press With Controlled Powder Dispensing
07/463234	10-Jan-1990	4963201	16-Oct-1990	Primer Composition
07/518755	03-May-1990	5066174	19-Nov-1991	Cartridge Case Flash Hold Finishing Tool
07/533527	05-Jun-1990	RE 34612	24-May-1994	Indexing Reloader of Cartridges
07/613281	13-Nov-1990	5079814	14-Jan-1992	Method of Manufacturing a Hollow Point Bullet
07/661991	26-Feb-1991	5149898	22-Sep-1992	Fire Control Assembly
07/726588	08-Jul-1991	5216199	01-Jun-1993	Lead-Free Primed Rimfire Cartridge
07/806909	16-Dec-1991	5202529	13-Apr-1993	Convertible Ammunition Reloading Press
07/817013	03-Jan-1992	5235765	17-Aug-1993	Method and Apparatus For Attachment of A Recoil Pad Assembly
07/818297	09-Jan-1992	5265365	30-Nov-1993	Pouch and Cheek Piece For Long Guns
07/879957	06-May-1992	5272957	28-Dec-1993	Firearm With Plastic Material
08/002853	13-Jan-1993	5471776	05-Dec-1995	Method and Apparatus For Attachment of A Recoil Pad Assembly
08/068991	27-May-1993	5375359	27-Dec-1994	Magazine For Housing 0.22 Rimfire Cartridges Including Truncated Cartridges
08/123166	20-Sep-1993	5490463	13-Feb-1996	Match Performance .22 Caliber Cartridge
08/198529	17-Feb-1994	5435223	25-Jul-1995	Cartridge Priming Device With Safety Guard
08/233116	25-Apr-1994	5495676	05-Mar-1996	Cross-Polarization Using Two Polarized Lenses
08/249900	26-May-1994	5497539	12-Mar-1996	Case Trimmer
08/301347	06-Sep-1994	5466315	14-Nov-1995	Non-Toxic Primer for Center-Fire Cartridges
08/324412	17-Oct-1994	5605139	25-Feb-1997	Target Trap
08/363359	23-Dec-1994	5718423	17-Feb-1998	Case Trimmer
08/378797	26-Jan-1995			Non-Toxic Bullet
08/395492	27-Feb-1995	5569874	29-Oct-1996	Formed Wire Bullet

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
08/451559	26-May-1995	5547528	20-Aug-1996	Non-Toxic Primer
08/462072	05-Jun-1995	5561563	01-Oct-1996	Cross-Polarization Using Two Polarized Lenses
08/539857	06-Oct-1995	5610367	11-Mar-1997	Non-Toxic Rim-Fire Primer
08/599962	14-Feb-1996	5747718	05-May-1998	Apparatus and Method For Loading Items into Component Holder
08/654510	16-Jan-1996	5719348	17-Feb-1998	Component Holder For Cartridge Reloading
08/710317	16-Sep-1996	5693905	02-Dec-1997	Primer Loading Tool
08/794760	03-Feb-1997	5752339	19-May-1998	Recoil System For the Butt Stock of a Firearm
08/814063	10-Mar-1997	5722195	03-Mar-1998	Pistol Grip Recoil System For the Receiver of a Firearm
08/825736	02-Apr-1997	5767433	16-Jun-1998	Component Holder For Cartridge Reloading
08/841862	05-May-1997	5831197	03-Nov-1998	Primer Strip Loading Tool
08/978306	25-Nov-1997	5918784	06-Jul-1999	Quick-Release Handgun Holster
09/008230	16-Jan-1998	6209459	03-Apr-2001	Method For Etching Characters on Bullets and Bullets Made by the Method
09/080163	15-May-1998	5974718	02-Nov-1999	Recoil System For the Butt Stock of a Firearm
09/369666	05-Aug-1999	6352600	05-Mar-2002	Process For Heat Treating Bullets Comprising Two or More Metals or Alloys, and Bullets Made by the Method
09/372450	11-Aug-1999	6260463	17-Jul-2001	Hand-Held Primer Loading Tool
09/798265	02-Mar-2001	6671913	06-Jan-2004	Specialized Military and Police Combination Tool
09/841784	24-Apr-2001			Hand-Held Primer Loading Tool
09/887298	22-Jun-2001	6718861	13-Apr-2004	Momentum Trap Ballistic Armor System
10/085626	26-Feb-2002	6722533	20-Apr-2004	Hydration Pouch With Detachable Hose
10/091707	05-Mar-2002	6613165	02-Sep-2003	Process For Heat Treating Bullets Comprising Two or More Metals or Alloys, and Bullets Made by the Method
10/098647	13-Mar-2002	6581503	24-Jun-2003	Method of Manufacturing a Soft Point Bullet
10/214977	07-Aug-2002	6772668	10-Aug-2004	Ammunition Reloading Apparatus With Feed Mechanism
10/214985	07-Aug-2002			Ammunition Reloading Apparatus With Case Holder and Resizing Die
10/223818	19-Aug-2002	6732466	11-May-2004	Recoil System For the Receiver of a Firearm
10/421049	23-Apr-2003	6732657	11-May-2004	Soft Point Bullet
10/448798	30-May-2003			Heat Treated Bullets Comprising Two or More Metals or Alloys
10/696092	29-Oct-2003			Recoil System For the Receiver of a Firearm
10/768397	29-Jan-2004			Hydration Pouch With Detachable Hose
10/777859	12-Feb-2004	7320420	22-Jan-2008	Holster Holder Device
10/805955	22-Mar-2004	7077048	18-Jul-2006	Multi-Layered Momentum Trap Ballistic Armor
10/821574	09-Apr-2004	7311231	25-Dec-2007	Disposable Pouch Hydration System
10/888047	09-Jul-2004	7434712	14-Oct-2008	Hooded Holster
10/915210	10-Aug-2004	7607393	27-Oct-2009	Slug Ball Ammunition
10/969194	17-Sep-2004			Gun Cleaning System, Method, and Compositions Therefor
11/030270	06-Jan-2005	7841497	30-Nov-2010	Holster Retention System
11/032325	10-Jan-2005			Tactical Platform For a Holster
11/032447	10-Jan-2005			Configurable Platform
11/132872	19-May-2005	7340857	11-Mar-2008	Recoil System For the Forend of a Firearm
11/254159	19-Oct-2005	7281815	16-Oct-2007	Lighting Device Having a Multi-Position Switch Assembly
11/329215	10-Jan-2006	7383152	03-Jun-2008	Non-Contact Deviation Measurement System
11/350130	08-Feb-2006	8235263	07-Aug-2012	Retention Holster Having a Guard and Guard Release

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
11/350178	08-Feb-2006			Guarded Holster Having a Guard Release
11/432021	11-May-2006	8444056	21-May-2013	Multi-Colored Visishot Paper Targets
11/504977	16-Aug-2006			Retractable Walking Stick
11/511805	29-Aug-2006	7770318	10-Aug-2010	Recoil System For the Forend of a Firearm
11/594578	08-Nov-2006	7805873	05-Oct-2010	Modular Cheek Rest and Storage Assembly
11/599980	15-Nov-2006			Internal Tourniquet System
11/652418	11-Jan-2007			Retention Holster Having a Guard and Guard Release
11/677638	22-Feb-2007			Reduced Energy Cartridge and Method of Making Same
11/703882	08-Feb-2007	8079503	20-Dec-2011	Modular Equipment Coupler
11/704023	08-Feb-2007	7698848	20-Apr-2010	Folding Gunstock
11/704530	09-Feb-2007	8202377	19-Jun-2012	Non-Toxic Percussion Primers and Methods of Preparing The Same
11/704537	09-Feb-2007	7665240	23-Feb-2010	Modular System Rifle Stock
11/774753	09-Jul-2007			Federal Ammunition Authority Kiosk
11/796592	28-Apr-2007	7673413	09-Mar-2010	Firearm Stock Conversion Method
11/828990	26-Jul-2007			Firearm Rest
11/838528	14-Aug-2007			Quick Connect System
11/895718	27-Aug-2007	8418265	16-Apr-2013	Releasable Vest
11/900157	10-Sep-2007	7802898	28-Sep-2010	Lightning Device
11/906628	03-Oct-2007	7866515	11-Jan-2011	Paddle Platform
11/906629	03-Oct-2007	8297562	30-Oct-2012	Universal Mounting Platform
11/934431	02-Nov-2007	8123180	28-Feb-2012	Rapid Acquisition Shooting System
11/936012	06-Nov-2007	7765933	03-Aug-2010	Shotshell With Shot Pellets Having Multiple Shapes
11/982683	02-Nov-2007	7806300	05-Oct-2010	Hydration System
11/985658	16-Nov-2007	8714423	06-May-2014	Retention Holster For a Firearm Having an Offset Mounted Accessory
11/985659	16-Nov-2007	7735255	15-Jun-2010	Offset Accessory Mount
11/985668	16-Nov-2007	7954971	07-Jun-2011	Offset Mountable Light Accessory
12/006987	08-Jan-2008			Magazine Holder
12/008558	11-Jan-2008	7685755	30-Mar-2010	Recoil System
12/029084	11-Feb-2008	8192568	05-Jun-2012	Non-Toxic Percussion Primers and Methods of Preparing The Same
12/079156	25-Mar-2008	7770239	10-Aug-2010	Suspension System and Chin Strap Assembly For a Helmet
12/109472	25-Apr-2008	7726245	01-Jun-2010	Muzzleloader Ammunition
12/131613	02-Jun-2008	7983873	19-Jul-2011	Non-Contact Deviation Measurement System
12/215755	30-Jun-2008			Retention Holster Having an Extended Pivot Guard
12/231476	03-Sep-2008	8177108	15-May-2012	Hooded Holster
12/263645	03-Nov-2008	7926216	19-Apr-2011	Recoil Suppression System For the Stock of a Firearm
12/263656	03-Nov-2008	7954268	07-Jun-2011	Torsion Spring Recoil System For the Forend of a Firearm
12/263663	03-Nov-2008			User Customizable Grip Sleeve For a Firearm
12/263674	03-Nov-2008			Rail Mounted Recoil System For the Forend of a Firearm
12/312568	15-Nov-2007			Tourniquet System
12/435138	04-May-2009	8122808	28-Feb-2012	Case Activation Bullet Feeding
12/551274	31-Aug-2009	8474170	02-Jul-2013	Firearm Support Devices and Related Methods
12/657652	25-Jan-2010	8205371	26-Jun-2012	Recoil Reducing Systems For a Stock
12/660632	02-Mar-2010	8109026	07-Feb-2012	Folding Gunstock
12/733011	03-Nov-2008	8826462	09-Sep-2014	Releasable Vest
12/733012	01-Aug-2008	8595862	03-Dec-2013	Releasable Vest

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
12/733337	25-Aug-2008			Tourniquet System
12/734012	09-Oct-2008	8251266	28-Aug-2012	Rotatable Accessory Attachment Platform
12/735479	15-Jan-2009	8898814	02-Dec-2014	Releasable Vest
12/735602	02-Feb-2009			Modular Illumination Device
12/736458	08-Apr-2009			Load Bearing Suspension System
12/736522	15-Apr-2009	8517234	27-Aug-2013	Adjustable, Detachable Accessory Attachment System
12/751607	31-Mar-2010	8206522	26-Jun-2012	Non-Toxic, Heavy-Metal Free Sensitized Explosive Percussion Primers and Methods of Preparing the Same
12/789724	28-May-2010			Advanced Muzzle Loader Ammunition
12/798810	12-Apr-2010	8201354	19-Jun-2012	Recoil System For the Forend of a Firearm
12/799959	05-May-2010	8132355	13-Mar-2012	Offset Accessory Mount and Mounting System
12/806788	20-Aug-2010	8469540	25-Jun-2013	Contact Switch For a Lighting Device
12/848848	02-Aug-2010			Shotshell With Shot Pellets Having Multiple Shapes
12/925648	26-Oct-2010	8474670	02-Jul-2013	Holster Retention System
12/931133	25-Jan-2011			Jumpable Pack
13/087187	14-Apr-2011	8485102	16-Jul-2013	Marking Ammunition
13/154126	06-Jun-2011	8453369	04-Jun-2013	Offset Mountable Accessory
13/160160	14-Jun-2011			Advanced Muzzle Loader Ammunition
13/160171	14-Jun-2011			Muzzle Loader Powder Increment Using Celluloid Combustible Container
13/175430	01-Jul-2011	8465514	18-Jun-2013	Tourniquet System
13/185395	18-Jul-2011			Non-Contact Deviation Measurement System
13/300269	18-Nov-2011	8572883	05-Nov-2013	Pull-Thru Firearm Cleaning System and Method
13/406200	27-Feb-2012	8707845	29-Apr-2014	Case Activation Bullet Feeder
13/439579	04-Apr-2012	8707844	29-Apr-2014	Case Annealer
13/446273	13-Apr-2012	8517235	27-Aug-2013	Holster With Hood Assembly
13/456920	26-Apr-2012	8454769	04-Jun-2013	Non-Toxic Percussion Primers and Methods of Preparing the Same
13/473324	16-May-2012	8454770	04-Jun-2013	Non-Toxic Percussion Primers and Methods of Preparing The Same
13/477723	22-May-2012	8470107	25-Jun-2013	Non-Toxic, Heavy-Metal Free Explosive Percussion Primers and Methods of Preparing the Same
13/477750	22-May-2012	8460486	11-Jun-2013	Percussion Primer Composition and Systems Incorporating Same
13/478263	23-May-2012			Recoil System For a Firearm
13/482041	29-May-2012	8296986	30-Oct-2012	Stock For a Firearm
13/508759	09-May-2012	8720755	13-May-2014	Lockable Holster Retention System
13/519381	13-Jan-2011	8783532	22-Jul-2014	Multi-Disk Accessory Attachment Platform
13/566065	03-Aug-2012	8469245	25-Jun-2013	Rotatable Platform
13/683795	21-Nov-2012			Shotgun Shell With Weighted Wad
13/691617	30-Nov-2012	8887972	18-Nov-2014	Releasable Magazine Pouch
13/738646	10-Jan-2013			Projectile Assembly with Stabilization/Obturation Enhancement
13/911710	06-Jun-2013			Holster
13/959125	05-Aug-2013			Advanced Muzzle Loader Ammunition
13/959138	05-Aug-2013	8881634	11-Nov-2014	Muzzle Loader Powder Increment Using Celluloid Combustible Container
14/041452	30-Sep-2013			Muzzleloader Systems
14/041648	30-Sep-2013			Muzzleloader Bullet System
14/041951	30-Sep-2013			Muzzleloader and Propellant System

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
14/168693	30-Jan-2014			Portable Vacuuming Device for Collecting and Neutralizing Flammable Residue
14/208271	13-Mar-2014			Reloading Kit With Lead Free Bullet Composition
14/211980	14-Mar-2014			Offset Firearm Selector Switch
14/213061	14-Mar-2014			Limited Range Rifle Projectile
14/214780	15-Mar-2014			Manufacturing Process to Produce Programmed Terminal Performance Projectiles
14/216047	17-Mar-2014			Multiple-Zero-Point Riflescope Turret System
14/216130	17-Mar-2014			High Velocity Ignition System for Ammunition
14/216386	17-Mar-2014			Combination Gas Operated Rifle and Subsonic Cartridge Manufacturing Process to Produce Programmed Terminal Performance Projectiles
14/216421	17-Mar-2014			Manufacturing Process to Produce Programmed Terminal Performance Projectiles
14/229900	29-Mar-2014			Holster For a Firearm and a Mounted Accessory
14/229944	30-Mar-2014			Lockable Holster
14/265015	29-Apr-2014			Annealing System for Cartridge Casings
14/362089	30-Nov-2012			Polymer Projectile Having an Integrated Driving Band
14/372723	16-Jan-2013			Spin-Stabilized Non-Lethal Projectile with a Shear-Thinning Fluid
14/451410	04-Aug-2014			Vest Having Releasable Components
14/531983	03-Nov-2014			Releasable Vest
14/546941	18-Nov-2014			Releasable Magazine Pouch
29/152834	03-Jan-2002	D488866	20-Apr-2004	Hydration Connector
29/160225	08-May-2002	D466672	10-Dec-2002	Glove With Index Finger Stitching
29/175748	11-Feb-2003	D485061	13-Jan-2004	Gas Mask Pouch
29/175749	11-Feb-2003	D486303	10-Feb-2004	Butt Pack
29/178728	01-Apr-2003	D490494	25-May-2004	Cheek Pad
29/178729	01-Apr-2003	D501592	01-Feb-2005	Set of Components For a Load Bearing Harness
29/178739	01-Apr-2003	D505773	07-Jun-2005	Hydration Backpack
29/178740	01-Apr-2003	D505774	07-Jun-2005	Hydration Backpack
29/178741	01-Apr-2003	D488614	20-Apr-2004	Chest Harness
29/178742	01-Apr-2003	D488290	13-Apr-2004	Plate Carrier Harness
29/191053	02-Oct-2003	D496143	21-Sep-2004	Belt
29/194777	02-Dec-2003	D500807	11-Jan-2005	Blackhawk Logo Panel
29/199038	09-Feb-2004	D539027	27-Mar-2007	Combined Hydration Pack Cap and Mount
29/199040	09-Feb-2004	D501989	22-Feb-2005	Flashlight Holder Cup
29/199057	09-Feb-2004	D503039	22-Mar-2005	Flashlight Holster
29/199058	09-Feb-2004	D501991	22-Feb-2005	Rigid Holster
29/199059	09-Feb-2004	D512561	13-Dec-2005	Rigid Holster
29/199063	09-Feb-2004	D517775	28-Mar-2006	Belt
29/199228	11-Feb-2004	D510514	11-Oct-2005	Knife Handle
29/199245	11-Feb-2004	D510249	04-Oct-2005	Knife Handle
29/203992	22-Apr-2004	D513958	31-Jan-2006	Knife Handle
29/203993	22-Apr-2004	D522214	06-Jun-2006	Recoil Protection Pad
29/208933	07-Jul-2004	D508318	16-Aug-2005	Holster Holder Device
29/208936	07-Jul-2004	D507104	12-Jul-2005	Holster Holder Device
29/240815	19-Oct-2005	D549860	28-Aug-2007	Flashlight
29/253584	08-Feb-2006	D567707	29-Apr-2008	Belt Loop
29/260568	26-May-2006	D541963	01-May-2007	Flashlight
29/261694	19-Jun-2006	D577177	23-Sep-2008	Gloves
29/271160	11-Jan-2007	D572434	08-Jul-2008	Trousers
29/289531	24-Jul-2007	D604794	24-Nov-2009	Adjustable Grip For a Firearm
29/289533	24-Jul-2007	D614723	27-Apr-2010	Fore End Stock For a Firearm



Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
29/294911	02-Feb-2008	D597302	04-Aug-2009	Information Tablet
29/294912	02-Feb-2008	D580629	18-Nov-2008	Pants
29/294913	02-Feb-2008	D624279	28-Sep-2010	Sleeping Bag
29/294916	02-Feb-2008	D580631	18-Nov-2008	Jacket
29/294917	02-Feb-2008			Illumination Device
29/294918	02-Feb-2008	D580632	18-Nov-2008	Shirt
29/294919	02-Feb-2008	D580630	18-Nov-2008	Vest
29/307088	31-Mar-2008	D604461	17-Nov-2009	Suspension System and Chin Strap Assembly For a Helmet
29/312040	26-Sep-2008	D589769	07-Apr-2009	Entry Ram
29/312496	24-Oct-2008	D597627	04-Aug-2009	Dagger
29/314934	11-May-2009	D641959	26-Jul-2011	Pants
29/315034	20-May-2009	D632059	08-Feb-2011	Shirt
29/316128	26-Aug-2009	D626309	02-Nov-2010	Sleeping Bag
29/316129	26-Aug-2009	D650152	13-Dec-2011	Mobility Sleeping Bag
29/316151	28-Aug-2009	D629176	21-Dec-2010	Bivouac Bag
29/316765	29-Oct-2009	D629996	04-Jan-2011	Glove Backhand
29/327249	03-Nov-2008	D615142	04-May-2010	Firearm Forend
29/327250	03-Nov-2008	D616522	25-May-2010	Gun Stock
29/327251	03-Nov-2008	D616056	18-May-2010	Rifle Stock
29/348638	25-Jan-2010	D648412	08-Nov-2011	Thumbhole Stock
29/348639	25-Jan-2010			Shirt
29/349144	11-Mar-2010	D645110	13-Sep-2011	Firearm Forend and Thumbhole Stock
29/370017	27-May-2010	D654248	21-Feb-2012	Sleeping Bag
29/370725	27-Aug-2010	D641136	12-Jul-2011	Hooded Sleeping Bag
29/370729	27-Aug-2010	D641541	19-Jul-2011	Mummy-Style Sleeping Bag
29/370876	16-Sep-2010			Configurable Platform
29/372520	02-Dec-2010	D653848	14-Feb-2012	Paddle Platform
29/411064	16-Jan-2012	D689975	17-Sep-2013	Practice Projectile
29/467245	17-Sep-2013			Practice Projectile
29/468434	30-Sep-2013			Muzzleloader Propellant Cartridge
436369	14-Nov-1989			Fire Control Assembly
60/118290	02-Feb-1999			Process For Heat Treating Bullets Comprising Two or More Metals or Alloys, and Bullets Made by the Method
60/620020	19-Oct-2004			Lighting Device Having a Multi-Position Switch Assembly
60/712723	29-Aug-2005			Recoil System For the Forend of a Firearm
60/734695	08-Nov-2005			Modular Cheek Rest and Storage Assembly
60/771595	08-Feb-2006			Modular Equipment Coupler
60/771754	08-Feb-2006			Folding Gunstock
60/771934	09-Feb-2006			Modular System Rifle Stock
60/840257	25-Aug-2006			Releasable Vest
60/847596	27-Sep-2006			Modular Equipment Coupler
60/849318	03-Oct-2006			Universal Mounting Platform
60/859381	16-Nov-2006			Firearm Mounted Light Accessory, Mount, and Retention Holster For a Light Bearing Weapon
60/879151	08-Jan-2007			Magazine Holder
60/905431	07-Mar-2007			Tourniquet System
60/962978	02-Aug-2007			Releasable Vest
60/964932	16-Aug-2007			Tourniquet System
60/965897	24-Aug-2007			Tourniquet With Anti-Pinch Plate
60/998110	09-Oct-2007			Rotatable Accessory Attachment Platform

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
61/001435	01-Nov-2007			Releasable Vest
61/011800	22-Jan-2008			Releasable Vest
61/063239	02-Feb-2008			Modular Illumination Device
61/123336	08-Apr-2008			Load Bearing Suspension System
61/124177	15-Apr-2008			Adjustable, Detachable Accessory Attachment System
61/197179	24-Oct-2008			Knife Sheath
61/280829	09-Nov-2009			Lockable Holster Retention System
61/335855	13-Jan-2010			Multi-Disk Rotatable Accessory Attachment Platform
61/335856	13-Jan-2010			Lockable Holster Retention System
61/336689	25-Jan-2010			Jump Pack
61/342508	14-Apr-2010			Non-Lethal Marking Projectile For Conventional Firearms
61/516394	04-Apr-2011			Method & Apparatus For Portional Annealing of Metallic Firearm Cartridge Cases
61/562361	21-Nov-2011			Shotgun Wad
61/565046	30-Nov-2011			Releasable Magazine Pouch
61/565340	30-Nov-2011			Polymer Projectile Having an Integrated Driving Band
61/587100	16-Jan-2012			Marking Fluid For Practice Projectile
61/587101	16-Jan-2012			Polymer Projectile Having an Integrated Driving Band
61/654560	01-Jun-2012			Polymer Projectile Having an Integrated Driving Band
61/684615	17-Aug-2012			Holster
61/707520	28-Sep-2012			Muzzleloader Bullet System
61/752377	14-Jan-2013			Elastomer Filled Plastic Projectile
61/791807	15-Mar-2013			Combination Gas Operated Rifle and Subsonic Cartridge
61/792030	15-Mar-2013			Manufacturing Process to Produce Metalurgically Programmed Terminal Performance Projectiles
61/792419	15-Mar-2013			Manufacturing Process to Produce Programmed Terminal Performance Projectiles
61/794135	15-Mar-2013			Offset Firearm Selector Switch
61/800406	15-Mar-2013			Limited Range Rifle Projectile
61/800495	15-Mar-2013			Multiple-Zero-Point Riflescope Turret System
61/801812	15-Mar-2013			High Velocity Ignition System for Ammunition
61/801887	15-Mar-2013			Device and Methods for Delivery of Pneumatic Rounds
61/802264	15-Mar-2013			Saboted Projectile with Barrel Fouling Limiter
61/802362	15-Mar-2013			Lead Free Green Bullet Swaging
61/802395	16-Mar-2013			Muzzleloader Bullet System
61/814877	23-Apr-2013			Tactical Vests and Accessories
61/818877	02-May-2013			Muzzleloader Bullet System
61/852480	15-Mar-2013			Muzzleloader Bullet System
61/937121	07-Feb-2014			Firearm Rest Componentry
61/993541	15-May-2014			Semiautomatic Firearm
61/993563	15-May-2014			Extractor Mechanism for Firearm
61/993569	15-May-2014			Firearm with Reciprocating Bolt Assembly
62/002600	23-May-2014			Handgun Cartridge With High Integrity Bullet
62/096660	24-Dec-2014			Muzzleloader Projectiles
671442	14-Nov-1984	4608102	26-Aug-1986	Primer Composition
909772	19-Sep-1986			Composite Barrel Construction Made Using Injecton Molding

PATENT AND INVENTION ASSIGNMENT – U.S.

Pursuant and subject to the April 28, 2014 Transaction Agreement among Alliant Techsystems Inc. ("ATK"), Vista Spinco Inc., now Vista Outdoor Inc., Vista Merger Sub Inc., and Orbital Sciences Corporation, ATK hereby assigns its right, title, and interest in and to the patents and patent applications identified in Schedule A attached hereto ("Patent Properties") to Vista Outdoor Operations LLC ("Vista"). This assignment includes ATK's rights of priority; its rights in the inventions specified in the Patent Properties and improvements thereto; its rights to file patent applications on such inventions and to obtain and own patents therefor; and its rights to sue for and collect on claims for injunctive or monetary relief by reason of past, present, or future infringement of any Patent Properties; all of the foregoing rights exercisable anywhere in the world as permitted by law. ATK hereby authorizes the Commissioner for Patents in the United States Patent and Trademark Office to record and register this Patent and Invention Assignment, and ATK further agrees to execute all documents that are both necessary and reasonably requested by Vista to perfect Vista's title in and to the Patent Properties.

IN WITNESS WHEREOF, ATK has caused this Patent and Invention Assignment to be duly executed effective as of \_\_\_\_\_.

ALLIANT TECHSYSTEMS INC.

By: \_\_\_\_\_

Name:

Title:

Accepted by VISTA OUTDOOR OPERATIONS LLC

By: \_\_\_\_\_

Name:

Title:

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
06/224267	16-Jan-1981			Shotshell Casing With Partially Telescoped Basewad
06/480675	31-Mar-1983	4509283	09-Apr-1985	Cartridge Clip
06/541808	13-Oct-1983	4509428	09-Apr-1985	Shotshell Casing With Partially Telescoped Basewad
06/615825	31-May-1984	D288279	17-Feb-1987	Firearm Magazine Release Mechanism
06/627816	05-Jul-1984	D290866	14-Jul-1987	Cartridge Case
06/676588	30-Nov-1984	4679505	14-Jul-1987	00 Buckshot Shotshell
06/801735	26-Nov-1985	4653157	31-Mar-1987	Cartridge Case Trimmer Method of Using Same
06/805303	04-Dec-1985	4672760	16-Jun-1987	Side-by-Side Cartridge Magazine For Rim-Fire Cartridges
06/902888	02-Sep-1986	4739572	26-Apr-1988	Method And Apparatus For Orienting and Loading Cartridges
06/937360	03-Dec-1986	4790094	13-Dec-1988	Side-by-Side Cartridge Magazine For Rim-Fire Cartridges
07/034328	03-Apr-1987			Magazine For Housing Cartridges Using A Spirally Wound Conforce Spring
07/069993	06-Jul-1987	4769938	13-Sep-1988	Composite Barrel Construction Made Using Injecton Molding
07/116035	29-Oct-1987	4901463	20-Feb-1990	Cartridge Magazine Having A Single Piece Magazine Head
07/117247	05-Nov-1987	4939862	10-Jul-1990	Method And Apparatus For Orienting and Loading Cartridges
07/205169	10-Jun-1988	4862620	05-Sep-1989	Side-by-Side Cartridge Magazine For Rim-Fire Cartridges
07/218109	12-Jul-1988	4888899	26-Dec-1989	Magazine For Housing Cartridges Using A Spirally Wound Conforce Spring
07/261273	24-Oct-1988	4841831	27-Jun-1989	Indexing Reloader of Cartridges
07/318008	02-Mar-1989	4890534	02-Jan-1990	Lubricating Die For Cartridge Reloader
07/451128	15-Dec-1989	5024135	18-Jun-1991	Multi-Station Cartridge Reloading Press With Controlled Powder Dispensing
07/463234	10-Jan-1990	4963201	16-Oct-1990	Primer Composition
07/518755	03-May-1990	5066174	19-Nov-1991	Cartridge Case Flash Hold Finishing Tool
07/533527	05-Jun-1990	RE 34612	24-May-1994	Indexing Reloader of Cartridges
07/613281	13-Nov-1990	5079814	14-Jan-1992	Method of Manufacturing a Hollow Point Bullet
07/661991	26-Feb-1991	5149898	22-Sep-1992	Fire Control Assembly
07/726588	08-Jul-1991	5216199	01-Jun-1993	Lead-Free Primed Rimfire Cartridge
07/806909	16-Dec-1991	5202529	13-Apr-1993	Convertible Ammunition Reloading Press
07/817013	03-Jan-1992	5235765	17-Aug-1993	Method and Apparatus For Attachment of A Recoil Pad Assembly
07/818297	09-Jan-1992	5265365	30-Nov-1993	Pouch and Cheek Piece For Long Guns
07/879957	06-May-1992	5272957	28-Dec-1993	Firearm With Plastic Material
08/002853	13-Jan-1993	5471776	05-Dec-1995	Method and Apparatus For Attachment of A Recoil Pad Assembly
08/068991	27-May-1993	5375359	27-Dec-1994	Magazine For Housing 0.22 Rimfire Cartridges Including Truncated Cartridges
08/123166	20-Sep-1993	5490463	13-Feb-1996	Match Performance .22 Caliber Cartridge
08/198529	17-Feb-1994	5435223	25-Jul-1995	Cartridge Priming Device With Safety Guard
08/233116	25-Apr-1994	5495676	05-Mar-1996	Cross-Polarization Using Two Polarized Lenses
08/249900	26-May-1994	5497539	12-Mar-1996	Case Trimmer
08/301347	06-Sep-1994	5466315	14-Nov-1995	Non-Toxic Primer for Center-Fire Cartridges
08/324412	17-Oct-1994	5605139	25-Feb-1997	Target Trap
08/363359	23-Dec-1994	5718423	17-Feb-1998	Case Trimmer
08/378797	26-Jan-1995			Non-Toxic Bullet
08/395492	27-Feb-1995	5569874	29-Oct-1996	Formed Wire Bullet

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
08/451559	26-May-1995	5547528	20-Aug-1996	Non-Toxic Primer
08/462072	05-Jun-1995	5561563	01-Oct-1996	Cross-Polarization Using Two Polarized Lenses
08/539857	06-Oct-1995	5610367	11-Mar-1997	Non-Toxic Rim-Fire Primer
08/599962	14-Feb-1996	5747718	05-May-1998	Apparatus and Method For Loading Items into Component Holder
08/654510	16-Jan-1996	5719348	17-Feb-1998	Component Holder For Cartridge Reloading
08/710317	16-Sep-1996	5693905	02-Dec-1997	Primer Loading Tool
08/794760	03-Feb-1997	5752339	19-May-1998	Recoil System For the Butt Stock of a Firearm
08/814063	10-Mar-1997	5722195	03-Mar-1998	Pistol Grip Recoil System For the Receiver of a Firearm
08/825736	02-Apr-1997	5767433	16-Jun-1998	Component Holder For Cartridge Reloading
08/841862	05-May-1997	5831197	03-Nov-1998	Primer Strip Loading Tool
08/978306	25-Nov-1997	5918784	06-Jul-1999	Quick-Release Handgun Holster
09/008230	16-Jan-1998	6209459	03-Apr-2001	Method For Etching Characters on Bullets and Bullets Made by the Method
09/080163	15-May-1998	5974718	02-Nov-1999	Recoil System For the Butt Stock of a Firearm
09/369666	05-Aug-1999	6352600	05-Mar-2002	Process For Heat Treating Bullets Comprising Two or More Metals or Alloys, and Bullets Made by the Method
09/372450	11-Aug-1999	6260463	17-Jul-2001	Hand-Held Primer Loading Tool
09/798265	02-Mar-2001	6671913	06-Jan-2004	Specialized Military and Police Combination Tool
09/841784	24-Apr-2001			Hand-Held Primer Loading Tool
09/887298	22-Jun-2001	6718861	13-Apr-2004	Momentum Trap Ballistic Armor System
10/085626	26-Feb-2002	6722533	20-Apr-2004	Hydration Pouch With Detachable Hose
10/091707	05-Mar-2002	6613165	02-Sep-2003	Process For Heat Treating Bullets Comprising Two or More Metals or Alloys, and Bullets Made by the Method
10/098647	13-Mar-2002	6581503	24-Jun-2003	Method of Manufacturing a Soft Point Bullet
10/214977	07-Aug-2002	6772668	10-Aug-2004	Ammunition Reloading Apparatus With Feed Mechanism
10/214985	07-Aug-2002			Ammunition Reloading Apparatus With Case Holder and Resizing Die
10/223818	19-Aug-2002	6732466	11-May-2004	Recoil System For the Receiver of a Firearm
10/421049	23-Apr-2003	6732657	11-May-2004	Soft Point Bullet
10/448798	30-May-2003			Heat Treated Bullets Comprising Two or More Metals or Alloys
10/696092	29-Oct-2003			Recoil System For the Receiver of a Firearm
10/768397	29-Jan-2004			Hydration Pouch With Detachable Hose
10/777859	12-Feb-2004	7320420	22-Jan-2008	Holster Holder Device
10/805955	22-Mar-2004	7077048	18-Jul-2006	Multi-Layered Momentum Trap Ballistic Armor
10/821574	09-Apr-2004	7311231	25-Dec-2007	Disposable Pouch Hydration System
10/888047	09-Jul-2004	7434712	14-Oct-2008	Hooded Holster
10/915210	10-Aug-2004	7607393	27-Oct-2009	Slug Ball Ammunition
10/969194	17-Sep-2004			Gun Cleaning System, Method, and Compositions Therefor
11/030270	06-Jan-2005	7841497	30-Nov-2010	Holster Retention System
11/032325	10-Jan-2005			Tactical Platform For a Holster
11/032447	10-Jan-2005			Configurable Platform
11/132872	19-May-2005	7340857	11-Mar-2008	Recoil System For the Forend of a Firearm
11/254159	19-Oct-2005	7281815	16-Oct-2007	Lighting Device Having a Multi-Position Switch Assembly
11/329215	10-Jan-2006	7383152	03-Jun-2008	Non-Contact Deviation Measurement System
11/350130	08-Feb-2006	8235263	07-Aug-2012	Retention Holster Having a Guard and Guard Release

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
11/350178	08-Feb-2006			Guarded Holster Having a Guard Release
11/432021	11-May-2006	8444056	21-May-2013	Multi-Colored Visishot Paper Targets
11/504977	16-Aug-2006			Retractable Walking Stick
11/511805	29-Aug-2006	7770318	10-Aug-2010	Recoil System For the Forend of a Firearm
11/594578	08-Nov-2006	7805873	05-Oct-2010	Modular Cheek Rest and Storage Assembly
11/599980	15-Nov-2006			Internal Tourniquet System
11/652418	11-Jan-2007			Retention Holster Having a Guard and Guard Release
11/677638	22-Feb-2007			Reduced Energy Cartridge and Method of Making Same
11/703882	08-Feb-2007	8079503	20-Dec-2011	Modular Equipment Coupler
11/704023	08-Feb-2007	7698848	20-Apr-2010	Folding Gunstock
11/704530	09-Feb-2007	8202377	19-Jun-2012	Non-Toxic Percussion Primers and Methods of Preparing The Same
11/704537	09-Feb-2007	7665240	23-Feb-2010	Modular System Rifle Stock
11/774753	09-Jul-2007			Federal Ammunition Authority Kiosk
11/796592	28-Apr-2007	7673413	09-Mar-2010	Firearm Stock Conversion Method
11/828990	26-Jul-2007			Firearm Rest
11/838528	14-Aug-2007			Quick Connect System
11/895718	27-Aug-2007	8418265	16-Apr-2013	Releasable Vest
11/900157	10-Sep-2007	7802898	28-Sep-2010	Lightning Device
11/906628	03-Oct-2007	7866515	11-Jan-2011	Paddle Platform
11/906629	03-Oct-2007	8297562	30-Oct-2012	Universal Mounting Platform
11/934431	02-Nov-2007	8123180	28-Feb-2012	Rapid Acquisition Shooting System
11/936012	06-Nov-2007	7765933	03-Aug-2010	Shotshell With Shot Pellets Having Multiple Shapes
11/982683	02-Nov-2007	7806300	05-Oct-2010	Hydration System
11/985658	16-Nov-2007	8714423	06-May-2014	Retention Holster For a Firearm Having an Offset Mounted Accessory
11/985659	16-Nov-2007	7735255	15-Jun-2010	Offset Accessory Mount
11/985668	16-Nov-2007	7954971	07-Jun-2011	Offset Mountable Light Accessory
12/006987	08-Jan-2008			Magazine Holder
12/008558	11-Jan-2008	7685755	30-Mar-2010	Recoil System
12/029084	11-Feb-2008	8192568	05-Jun-2012	Non-Toxic Percussion Primers and Methods of Preparing The Same
12/079156	25-Mar-2008	7770239	10-Aug-2010	Suspension System and Chin Strap Assembly For a Helmet
12/109472	25-Apr-2008	7726245	01-Jun-2010	Muzzleloader Ammunition
12/131613	02-Jun-2008	7983873	19-Jul-2011	Non-Contact Deviation Measurement System
12/215755	30-Jun-2008			Retention Holster Having an Extended Pivot Guard
12/231476	03-Sep-2008	8177108	15-May-2012	Hooded Holster
12/263645	03-Nov-2008	7926216	19-Apr-2011	Recoil Suppression System For the Stock of a Firearm
12/263656	03-Nov-2008	7954268	07-Jun-2011	Torsion Spring Recoil System For the Forend of a Firearm
12/263663	03-Nov-2008			User Customizable Grip Sleeve For a Firearm
12/263674	03-Nov-2008			Rail Mounted Recoil System For the Forend of a Firearm
12/312568	15-Nov-2007			Tourniquet System
12/435138	04-May-2009	8122808	28-Feb-2012	Case Activation Bullet Feeding
12/551274	31-Aug-2009	8474170	02-Jul-2013	Firearm Support Devices and Related Methods
12/657652	25-Jan-2010	8205371	26-Jun-2012	Recoil Reducing Systems For a Stock
12/660632	02-Mar-2010	8109026	07-Feb-2012	Folding Gunstock
12/733011	03-Nov-2008	8826462	09-Sep-2014	Releasable Vest
12/733012	01-Aug-2008	8595862	03-Dec-2013	Releasable Vest

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
12/733337	25-Aug-2008			Tourniquet System
12/734012	09-Oct-2008	8251266	28-Aug-2012	Rotatable Accessory Attachment Platform
12/735479	15-Jan-2009	8898814	02-Dec-2014	Releasable Vest
12/735602	02-Feb-2009			Modular Illumination Device
12/736458	08-Apr-2009			Load Bearing Suspension System
12/736522	15-Apr-2009	8517234	27-Aug-2013	Adjustable, Detachable Accessory Attachment System
12/751607	31-Mar-2010	8206522	26-Jun-2012	Non-Toxic, Heavy-Metal Free Sensitized Explosive Percussion Primers and Methods of Preparing the Same
12/789724	28-May-2010			Advanced Muzzle Loader Ammunition
12/798810	12-Apr-2010	8201354	19-Jun-2012	Recoil System For the Forend of a Firearm
12/799959	05-May-2010	8132355	13-Mar-2012	Offset Accessory Mount and Mounting System
12/806788	20-Aug-2010	8469540	25-Jun-2013	Contact Switch For a Lighting Device
12/848848	02-Aug-2010			Shotshell With Shot Pellets Having Multiple Shapes
12/925648	26-Oct-2010	8474670	02-Jul-2013	Holster Retention System
12/931133	25-Jan-2011			Jumpable Pack
13/087187	14-Apr-2011	8485102	16-Jul-2013	Marking Ammunition
13/154126	06-Jun-2011	8453369	04-Jun-2013	Offset Mountable Accessory
13/160160	14-Jun-2011			Advanced Muzzle Loader Ammunition
13/160171	14-Jun-2011			Muzzle Loader Powder Increment Using Celluloid Combustible Container
13/175430	01-Jul-2011	8465514	18-Jun-2013	Tourniquet System
13/185395	18-Jul-2011			Non-Contact Deviation Measurement System
13/300269	18-Nov-2011	8572883	05-Nov-2013	Pull-Thru Firearm Cleaning System and Method
13/406200	27-Feb-2012	8707845	29-Apr-2014	Case Activation Bullet Feeder
13/439579	04-Apr-2012	8707844	29-Apr-2014	Case Annealer
13/446273	13-Apr-2012	8517235	27-Aug-2013	Holster With Hood Assembly
13/456920	26-Apr-2012	8454769	04-Jun-2013	Non-Toxic Percussion Primers and Methods of Preparing the Same
13/473324	16-May-2012	8454770	04-Jun-2013	Non-Toxic Percussion Primers and Methods of Preparing The Same
13/477723	22-May-2012	8470107	25-Jun-2013	Non-Toxic, Heavy-Metal Free Explosive Percussion Primers and Methods of Preparing the Same
13/477750	22-May-2012	8460486	11-Jun-2013	Percussion Primer Composition and Systems Incorporating Same
13/478263	23-May-2012			Recoil System For a Firearm
13/482041	29-May-2012	8296986	30-Oct-2012	Stock For a Firearm
13/508759	09-May-2012	8720755	13-May-2014	Lockable Holster Retention System
13/519381	13-Jan-2011	8783532	22-Jul-2014	Multi-Disk Accessory Attachment Platform
13/566065	03-Aug-2012	8469245	25-Jun-2013	Rotatable Platform
13/683795	21-Nov-2012			Shotgun Shell With Weighted Wad
13/691617	30-Nov-2012	8887972	18-Nov-2014	Releasable Magazine Pouch
13/738646	10-Jan-2013			Projectile Assembly with Stabilization/Obturation Enhancement
13/911710	06-Jun-2013			Holster
13/959125	05-Aug-2013			Advanced Muzzle Loader Ammunition
13/959138	05-Aug-2013	8881634	11-Nov-2014	Muzzle Loader Powder Increment Using Celluloid Combustible Container
14/041452	30-Sep-2013			Muzzleloader Systems
14/041648	30-Sep-2013			Muzzleloader Bullet System
14/041951	30-Sep-2013			Muzzleloader and Propellant System

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
14/168693	30-Jan-2014			Portable Vacuuming Device for Collecting and Neutralizing Flammable Residue
14/208271	13-Mar-2014			Reloading Kit With Lead Free Bullet Composition
14/211980	14-Mar-2014			Offset Firearm Selector Switch
14/213061	14-Mar-2014			Limited Range Rifle Projectile
14/214780	15-Mar-2014			Manufacturing Process to Produce Programmed Terminal Performance Projectiles
14/216047	17-Mar-2014			Multiple-Zero-Point Riflescope Turret System
14/216130	17-Mar-2014			High Velocity Ignition System for Ammunition
14/216386	17-Mar-2014			Combination Gas Operated Rifle and Subsonic Cartridge
14/216421	17-Mar-2014			Manufacturing Process to Produce Programmed Terminal Performance Projectiles
14/229900	29-Mar-2014			Holster For a Firearm and a Mounted Accessory
14/229944	30-Mar-2014			Lockable Holster
14/265015	29-Apr-2014			Annealing System for Cartridge Casings
14/362089	30-Nov-2012			Polymer Projectile Having an Integrated Driving Band
14/372723	16-Jan-2013			Spin-Stabilized Non-Lethal Projectile with a Shear-Thinning Fluid
14/451410	04-Aug-2014			Vest Having Releasable Components
14/531983	03-Nov-2014			Releasable Vest
14/546941	18-Nov-2014			Releasable Magazine Pouch
29/152834	03-Jan-2002	D488866	20-Apr-2004	Hydration Connector
29/160225	08-May-2002	D466672	10-Dec-2002	Glove With Index Finger Stitching
29/175748	11-Feb-2003	D485061	13-Jan-2004	Gas Mask Pouch
29/175749	11-Feb-2003	D486303	10-Feb-2004	Butt Pack
29/178728	01-Apr-2003	D490494	25-May-2004	Cheek Pad
29/178729	01-Apr-2003	D501592	01-Feb-2005	Set of Components For a Load Bearing Harness
29/178739	01-Apr-2003	D505773	07-Jun-2005	Hydration Backpack
29/178740	01-Apr-2003	D505774	07-Jun-2005	Hydration Backpack
29/178741	01-Apr-2003	D488614	20-Apr-2004	Chest Harness
29/178742	01-Apr-2003	D488290	13-Apr-2004	Plate Carrier Harness
29/191053	02-Oct-2003	D496143	21-Sep-2004	Belt
29/194777	02-Dec-2003	D500807	11-Jan-2005	Blackhawk Logo Panel
29/199038	09-Feb-2004	D539027	27-Mar-2007	Combined Hydration Pack Cap and Mount
29/199040	09-Feb-2004	D501989	22-Feb-2005	Flashlight Holder Cup
29/199057	09-Feb-2004	D503039	22-Mar-2005	Flashlight Holster
29/199058	09-Feb-2004	D501991	22-Feb-2005	Rigid Holster
29/199059	09-Feb-2004	D512561	13-Dec-2005	Rigid Holster
29/199063	09-Feb-2004	D517775	28-Mar-2006	Belt
29/199228	11-Feb-2004	D510514	11-Oct-2005	Knife Handle
29/199245	11-Feb-2004	D510249	04-Oct-2005	Knife Handle
29/203992	22-Apr-2004	D513958	31-Jan-2006	Knife Handle
29/203993	22-Apr-2004	D522214	06-Jun-2006	Recoil Protection Pad
29/208933	07-Jul-2004	D508318	16-Aug-2005	Holster Holder Device
29/208936	07-Jul-2004	D507104	12-Jul-2005	Holster Holder Device
29/240815	19-Oct-2005	D549860	28-Aug-2007	Flashlight
29/253584	08-Feb-2006	D567707	29-Apr-2008	Belt Loop
29/260568	26-May-2006	D541963	01-May-2007	Flashlight
29/261694	19-Jun-2006	D577177	23-Sep-2008	Gloves
29/271160	11-Jan-2007	D572434	08-Jul-2008	Trousers
29/289531	24-Jul-2007	D604794	24-Nov-2009	Adjustable Grip For a Firearm
29/289533	24-Jul-2007	D614723	27-Apr-2010	Fore End Stock For a Firearm



Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
29/294911	02-Feb-2008	D597302	04-Aug-2009	Information Tablet
29/294912	02-Feb-2008	D580629	18-Nov-2008	Pants
29/294913	02-Feb-2008	D624279	28-Sep-2010	Sleeping Bag
29/294916	02-Feb-2008	D580631	18-Nov-2008	Jacket
29/294917	02-Feb-2008			Illumination Device
29/294918	02-Feb-2008	D580632	18-Nov-2008	Shirt
29/294919	02-Feb-2008	D580630	18-Nov-2008	Vest
29/307088	31-Mar-2008	D604461	17-Nov-2009	Suspension System and Chin Strap Assembly For a Helmet
29/312040	26-Sep-2008	D589769	07-Apr-2009	Entry Ram
29/312496	24-Oct-2008	D597627	04-Aug-2009	Dagger
29/314934	11-May-2009	D641959	26-Jul-2011	Pants
29/315034	20-May-2009	D632059	08-Feb-2011	Shirt
29/316128	26-Aug-2009	D626309	02-Nov-2010	Sleeping Bag
29/316129	26-Aug-2009	D650152	13-Dec-2011	Mobility Sleeping Bag
29/316151	28-Aug-2009	D629176	21-Dec-2010	Bivouac Bag
29/316765	29-Oct-2009	D629996	04-Jan-2011	Glove Backhand
29/327249	03-Nov-2008	D615142	04-May-2010	Firearm Forend
29/327250	03-Nov-2008	D616522	25-May-2010	Gun Stock
29/327251	03-Nov-2008	D616056	18-May-2010	Rifle Stock
29/348638	25-Jan-2010	D648412	08-Nov-2011	Thumbhole Stock
29/348639	25-Jan-2010			Shirt
29/349144	11-Mar-2010	D645110	13-Sep-2011	Firearm Forend and Thumbhole Stock
29/370017	27-May-2010	D654248	21-Feb-2012	Sleeping Bag
29/370725	27-Aug-2010	D641136	12-Jul-2011	Hooded Sleeping Bag
29/370729	27-Aug-2010	D641541	19-Jul-2011	Mummy-Style Sleeping Bag
29/370876	16-Sep-2010			Configurable Platform
29/372520	02-Dec-2010	D653848	14-Feb-2012	Paddle Platform
29/411064	16-Jan-2012	D689975	17-Sep-2013	Practice Projectile
29/467245	17-Sep-2013			Practice Projectile
29/468434	30-Sep-2013			Muzzleloader Propellant Cartridge
436369	14-Nov-1989			Fire Control Assembly
60/118290	02-Feb-1999			Process For Heat Treating Bullets Comprising Two or More Metals or Alloys, and Bullets Made by the Method
60/620020	19-Oct-2004			Lighting Device Having a Multi-Position Switch Assembly
60/712723	29-Aug-2005			Recoil System For the Forend of a Firearm
60/734695	08-Nov-2005			Modular Cheek Rest and Storage Assembly
60/771595	08-Feb-2006			Modular Equipment Coupler
60/771754	08-Feb-2006			Folding Gunstock
60/771934	09-Feb-2006			Modular System Rifle Stock
60/840257	25-Aug-2006			Releasable Vest
60/847596	27-Sep-2006			Modular Equipment Coupler
60/849318	03-Oct-2006			Universal Mounting Platform
60/859381	16-Nov-2006			Firearm Mounted Light Accessory, Mount, and Retention Holster For a Light Bearing Weapon
60/879151	08-Jan-2007			Magazine Holder
60/905431	07-Mar-2007			Tourniquet System
60/962978	02-Aug-2007			Releasable Vest
60/964932	16-Aug-2007			Tourniquet System
60/965897	24-Aug-2007			Tourniquet With Anti-Pinch Plate
60/998110	09-Oct-2007			Rotatable Accessory Attachment Platform

Schedule A  
Patents - US

Application Number	Filing Date	Patent Number	Issue Date	Title
61/001435	01-Nov-2007			Releasable Vest
61/011800	22-Jan-2008			Releasable Vest
61/063239	02-Feb-2008			Modular Illumination Device
61/123336	08-Apr-2008			Load Bearing Suspension System
61/124177	15-Apr-2008			Adjustable, Detachable Accessory Attachment System
61/197179	24-Oct-2008			Knife Sheath
61/280829	09-Nov-2009			Lockable Holster Retention System
61/335855	13-Jan-2010			Multi-Disk Rotatable Accessory Attachment Platform
61/335856	13-Jan-2010			Lockable Holster Retention System
61/336689	25-Jan-2010			Jump Pack
61/342508	14-Apr-2010			Non-Lethal Marking Projectile For Conventional Firearms
61/516394	04-Apr-2011			Method & Apparatus For Portional Annealing of Metallic Firearm Cartridge Cases
61/562361	21-Nov-2011			Shotgun Wad
61/565046	30-Nov-2011			Releasable Magazine Pouch
61/565340	30-Nov-2011			Polymer Projectile Having an Integrated Driving Band
61/587100	16-Jan-2012			Marking Fluid For Practice Projectile
61/587101	16-Jan-2012			Polymer Projectile Having an Integrated Driving Band
61/654560	01-Jun-2012			Polymer Projectile Having an Integrated Driving Band
61/684615	17-Aug-2012			Holster
61/707520	28-Sep-2012			Muzzleloader Bullet System
61/752377	14-Jan-2013			Elastomer Filled Plastic Projectile
61/791807	15-Mar-2013			Combination Gas Operated Rifle and Subsonic Cartridge
61/792030	15-Mar-2013			Manufacturing Process to Produce Metalurgically Programmed Terminal Performance Projectiles
61/792419	15-Mar-2013			Manufacturing Process to Produce Programmed Terminal Performance Projectiles
61/794135	15-Mar-2013			Offset Firearm Selector Switch
61/800406	15-Mar-2013			Limited Range Rifle Projectile
61/800495	15-Mar-2013			Multiple-Zero-Point Riflescope Turret System
61/801812	15-Mar-2013			High Velocity Ignition System for Ammunition
61/801887	15-Mar-2013			Device and Methods for Delivery of Pneumatic Rounds
61/802264	15-Mar-2013			Saboted Projectile with Barrel Fouling Limiter
61/802362	15-Mar-2013			Lead Free Green Bullet Swaging
61/802395	16-Mar-2013			Muzzleloader Bullet System
61/814877	23-Apr-2013			Tactical Vests and Accessories
61/818877	02-May-2013			Muzzleloader Bullet System
61/852480	15-Mar-2013			Muzzleloader Bullet System
61/937121	07-Feb-2014			Firearm Rest Componentry
61/993541	15-May-2014			Semiautomatic Firearm
61/993563	15-May-2014			Extractor Mechanism for Firearm
61/993569	15-May-2014			Firearm with Reciprocating Bolt Assembly
62/002600	23-May-2014			Handgun Cartridge With High Integrity Bullet
62/096660	24-Dec-2014			Muzzleloader Projectiles
671442	14-Nov-1984	4608102	26-Aug-1986	Primer Composition
909772	19-Sep-1986			Composite Barrel Construction Made Using Injecton Molding