

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM708161

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
TRUE VELOCITY IP HOLDINGS, LLC		08/12/2021	Limited Liability Company: TEXAS
RECEIVING PARTY DATA			
Name:	SILVERPEAK CREDIT PARTNERS, LP		
Street Address:	100 South Ashley Drive		
Internal Address:	Suite 600		
City:	Tampa		
State/Country:	FLORIDA		
Postal Code:	33602		
Entity Type:	Limited Partnership: DELAWARE		
PROPERTY NUMBERS Total: 5			
Property Type	Number	Word Mark	
Registration Number:	4875582	TV	
Registration Number:	5395544	TV	
Serial Number:	87892301	EJECT THE PAST CHAMBER THE FUTURE	
Serial Number:	88433011	BLUE LINE	
Serial Number:	90479831	AMMUNITION MADE PERFECT	
CORRESPONDENCE DATA			
Fax Number:	7044441111		
<i>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.</i>			
Phone:	1-704-444-1115		
Email:	elissa.hart@alston.com		
Correspondent Name:	Lauren R. Timmons		
Address Line 1:	Alston & Bird LLP		
Address Line 2:	101 South Tryon Street, Suite 4000		
Address Line 4:	Charlotte, NORTH CAROLINA 28280		
NAME OF SUBMITTER:	Elissa Hart		
SIGNATURE:	/Elissa Hart/		
DATE SIGNED:	02/14/2022		

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Total Attachments: 20

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GRANT OF A SECURITY INTEREST

This Intellectual Property Security Agreement (this “Intellectual Property Security Agreement”) is made as of August 12, 2021, by TRUE VELOCITY IP HOLDINGS, LLC, a Texas limited liability company (“Grantor”), in favor of SILVERPEAK CREDIT PARTNERS, LP, in its capacity as Administrative Agent for itself and the other Lender Parties (together with its successors and assigns in such capacity, “Grantee”).

WHEREAS, the Grantor has adopted, used and is using, and holds all right, title and interest in and to, the trademarks and service marks listed on the attached Schedule A, which trademarks and service marks are registered or applied for in the United States Patent and Trademark Office (the “Trademarks”);

WHEREAS, the Grantor has adopted, used and is using, and holds all right, title and interest in and to the patents listed on the attached Schedule A, which patents are registered or applied for in the United States Patent and Trademark Office (“Patents”);

WHEREAS, the Grantor has entered into a Pledge and Security Agreement, dated as of the date hereof (as amended, restated, supplemented, modified or otherwise changed from time to time, the “Security Agreement”), in favor of Grantee; and

WHEREAS, pursuant to the Security Agreement, the Grantor has granted to the Grantee for the benefit of the Lender Parties (as defined in the Security Agreement), a continuing security interest in all right, title and interest of the Grantor in, to and under the Trademarks and Patents together with, among other things, the goodwill of the business symbolized by the Trademarks and Patents, and the applications and registrations thereof, and all proceeds thereof, including, without limitation, any and all causes of action which may exist by reason of infringement thereof and any and all damages arising from past, present and future violations thereof (the “Collateral”), to secure the payment, performance and observance of the Secured Obligations (as defined in the Security Agreement).

NOW, THEREFORE, as collateral security for the payment, performance and observance of all of the Secured Obligations, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor does hereby grant to the Grantee and grant to the Grantee for the benefit of the Lender Parties, a continuing security interest in the Collateral to secure the prompt payment, performance and observance of the Secured Obligations.

All capitalized terms used but not otherwise defined herein have the meanings given to them in the Security Agreement.

The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Grantee with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

Without limiting the generality of the foregoing, this Intellectual Property Security Agreement secures the payment of all amounts that constitute part of the Secured Obligations and that would be owed by the undersigned to Administrative Agent or any Lender Party under the Loan Documents but for the fact that such Secured Obligations are unenforceable or not allowable

due to the existence of a bankruptcy, reorganization or similar proceeding involving a Grantor. To the extent there is any inconsistency between this Intellectual Property Security Agreement and the Security Agreement, the Security Agreement shall control.

In addition to and without limitation of any of the foregoing, this Intellectual Property Security Agreement shall be deemed to be a Loan Document and shall otherwise be subject to all of terms and conditions contained in Sections 10.13 and 10.14 of the Credit Agreement, mutatis mutandis.

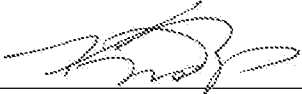
This Intellectual Property Security Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Delivery of an executed counterpart by facsimile or electronic mail shall be equally effective as delivery of an original executed counterpart.

[Signature Page Follows.]

IN WITNESS WHEREOF, the Grantor has caused this Intellectual Property Security Agreement to be duly executed by its officer thereunto duly authorized as of the date first set forth above.

TRUE VELOCITY IP HOLDINGS, LLC, a
Texas limited liability company

By: TV Ammo, Inc., its manager


By:  _____

Name: Kevin Boscamp

Title: Chief Executive Officer

SCHEDULE A TO GRANT OF A SECURITY INTEREST

Trademark Registrations/Applications

Trademark	Registration No./ Serial No.	Filing Date	Registration Date
TV	RN: 4,875,582 SN: 86/425,372	Oct. 16, 2014	Dec. 22, 2015
TV and Design 	RN: 5,395,544 SN: 87/524,855	Jul. 12, 2017	Feb. 6, 2018
EJECT THE PAST CHAMBER THE FUTURE	RN: n/a SN: 87/892,301	Apr. 25, 2018	n/a
BLUE LINE	RN: n/a SN: 88/433,011	May 16, 2019	n/a
AMMUNITION MADE PERFECT	RN: n/a SN: 90/479,831	Jan. 21, 2021	n/a

Patent Registrations/Applications

Utility Patents:

Title	Patent No./ Serial No.	Filing Date	Issue Date
Composite polymer based cartridge case having an overmolded metal cup, polymer plug base assembly	PN: 7,213,519 SN: 11/256,687	Oct. 24, 2005	May 8, 2007
Lead free, composite polymer based bullet and method of manufacturing	PN: 7,204,191 SN: 11/270,532	Nov. 10, 2005	Apr. 17, 2007
Lightweight polymer ammunition cartridge casings	PN: 8,561,543 SN: 13/292,843	Nov. 9, 2011	Oct. 22, 2013
Lightweight Polymer Ammunition Cartridge Casings	PN: 9,546,849 SN: 14/011,202	Aug. 27, 2013	Jan. 17, 2017
Lightweight polymer ammunition cartridge casings	PN: 10,352,670 SN: 14/320,961	Jul. 1, 2014	Jul. 16, 2019
Primer insert for a polymer ammunition cartridge casing	PN: 9,927,219 SN: 14/724,240	May 28, 2015	Mar. 27, 2018
Method of making a polymer ammunition cartridge casing	PN: 9,513,096 SN: 14/724,326	May 28, 2015	Dec. 6, 2016

Title	Patent No./ Serial No.	Filing Date	Issue Date
Lightweight polymer ammunition	PN: 9,429,407 SN: 14/724,407	May 28, 2015	Aug. 30, 2016
Subsonic polymeric ammunition	PN: 9,885,551 SN: 14/725,587	May 29, 2015	Feb. 6, 2018
Subsonic polymeric ammunition cartridge	PN: 10,429,156 SN: 14/725,699	May 29, 2015	Oct. 1, 2019
Method of making a polymeric subsonic ammunition cartridge	PN: 10,480,915 SN: 14/725,946	May 29, 2015	Nov. 19, 2019
Lightweight polymer ammunition cartridge having a primer diffuser	PN: 10,048,049 SN: 14/732,045	Jun. 5, 2015	Aug. 14, 2018
Method of making a metal primer insert by injection molding	PN: 11,047,661 SN: 14/748,444	Jun. 24, 2015	Jun. 29, 2021
Metal injection molded primer insert for polymer ammunition	PN: allowed SN: 14/748,508	Jun. 24, 2015	n/a
Method of making a polymer ammunition cartridge having a metal injection molded primer insert	PN: 10,234,253 SN: 14/748,554	Jun. 24, 2015	Mar. 19, 2019
Polymer ammunition cartridge having a metal injection molded primer insert	PN: n/a SN: 14/748,880	Jun. 24, 2015	n/a
Method of making polymer ammunition having a metal injection molded primer insert	PN: 10,145,662 SN: 14/748,984	Jun. 24, 2015	Dec. 4, 2018
Polymer ammunition having a MIM primer insert	PN: 10,254,096 SN: 14/749,104	Jun. 24, 2015	Apr. 9, 2019
Polymer ammunition cartridge having a wicking texturing	PN: 9,631,907 SN: 14/751,535	Jun. 26, 2015	Apr. 25, 2017
Polymer ammunition having a wicking texturing	PN: 9,835,423 SN: 14/751,629	Jun. 26, 2015	Dec. 5, 2017

Title	Patent No./ Serial No.	Filing Date	Issue Date
Method of making a polymer ammunition cartridge having a wicking texturing	PN: 11,047,662 SN: 14/751,710	Jun. 26, 2015	Jun. 29, 2021
Method of making polymer ammunition having a wicking texturing	PN: 11,079,209 SN: 14/751,879	Jun. 26, 2015	Aug. 3, 2021
Method of making polymeric subsonic ammunition	PN: 10,190,857 SN: 14/751,973	Jun. 26, 2015	Jan. 29, 2019
Method of making lightweight polymer ammunition	PN: 9,441,930 SN: 14/817,273	Aug. 4, 2015	Sep. 13, 2016
Subsonic polymeric ammunition	PN: n/a SN: 14/858,703	Sep. 18, 2015	n/a
Metal injection molded projectile	PN: n/a SN: 14/862,885	Sep. 23, 2015	n/a
Method of making a projectile by metal injection molding	PN: 10,081,057 SN: 14/862,988	Sep. 23, 2015	Sep. 25, 2018
Method of making a polymeric subsonic ammunition cartridge	PN: 10,048,052 SN: 14/863,567	Sep. 24, 2015	Aug. 14, 2018
Subsonic polymeric ammunition cartridge	PN: n/a SN: 14/863,644	Sep. 24, 2015	n/a
Ammunition having a projectile made by metal injection molding	PN: 9,587,918 SN: 14/863,701	Sep. 24, 2015	Mar. 7, 2017
Polymer ammunition having a projectile made by metal injection molding	PN: 10,591,260 SN: 14/863,757	Sep. 24, 2015	Mar. 17, 2020
Metal injection molded ammunition cartridge	PN: 10,041,770 SN: 14/863,800	Sep. 24, 2015	Aug. 7, 2018
Method of making polymer ammunition having a primer diffuser	PN: 9,644,930 SN: 14/921,441	Oct. 23, 2015	May 9, 2017
Two-piece primer insert for polymer ammunition	PN: 9,835,427 SN: 15/064,807	Mar. 9, 2016	Dec. 5, 2017
Method of making a two-piece primer insert	PN: 9,869,536 SN: 15/065,077	Mar. 9, 2016	Jan. 16, 2018
Polymer ammunition cartridge having a two-piece primer insert	PN: 9,518,810 SN: 15/065,173	Mar. 9, 2016	Dec. 13, 2016
Method of making polymer ammunition cartridges having a two-piece primer insert	PN: 9,506,735 SN: 15/065,299	Mar. 9, 2016	Nov. 29, 2016
Polymer ammunition having a two-piece primer insert	PN: 9,551,557 SN: 15/065,428	Mar. 9, 2016	Jan. 24, 2017

Title	Patent No./ Serial No.	Filing Date	Issue Date
Method of making ammunition having a two-piece primer insert	PN: 9,523,563 SN: 15/065,486	Mar. 9, 2016	Dec. 20, 2016
Method of making a primer insert for use in polymer ammunition	PN: 9,933,241 SN: 15/406,844	Jan. 16, 2017	Apr. 3, 2018
Metal injection molded ammunition cartridge	PN: 10,760,882 SN: 15/671,396	Aug. 8, 2017	Sep. 1, 2020
Method of coding polymer ammunition cartridges	PN: 11,047,663 SN: 15/721,861	Sep. 30, 2017	Jun. 29, 2021
Subsonic polymeric ammunition with diffuser	PN: 11,047,654 SN: 15/798,752	Oct. 31, 2017	Jun. 29, 2021
Two-Piece Primer Insert for Polymer Ammunition	PN: 9,976,840 SN: 15/801,837	Nov. 2, 2017	May 22, 2018
Polymer ammunition cartridge having a two-piece primer insert	PN: 9,964,388 SN: 15/801,856	Nov. 2, 2017	May 8, 2018
Multi-piece polymer ammunition cartridge	PN: 10,876,822 SN: 15/808,859	Nov. 9, 2017	Dec. 29, 2020
Multi-piece polymer ammunition cartridge nose	PN: 10,704,869 SN: 15/856,450	Dec. 28, 2017	Jul. 7, 2020
Multi-piece polymer ammunition cartridge nose	PN: 10,731,956 SN: 15/856,464	Dec. 28, 2017	Aug. 4, 2020
Multi-piece polymer ammunition cartridge nose	PN: 10,612,897 SN: 15/856,479	Dec. 28, 2017	Apr. 7, 2020
Multi-piece polymer ammunition cartridge nose	PN: 10,533,830 SN: 15/856,508	Dec. 28, 2017	Jan. 14, 2020
Multi-Piece Polymer Ammunition Cartridge Nose	PN: 11,079,205 SN: 15/856,523	Dec. 28, 2017	Aug. 3, 2021
Multi-piece polymer ammunition cartridge	PN: 10,921,100 SN: 15/886,207	Feb. 1, 2018	Feb. 16, 2021
Multi-Piece Polymer Ammunition Cartridge	PN: allowed SN: 15/886,223	Feb. 1, 2018	n/a
Multi-piece polymer ammunition cartridge	PN: 11,047,655 SN: 15/886,239	Feb. 1, 2018	Jun. 29, 2021
Multi-Piece Polymer Ammunition Cartridge	PN: allowed SN: 15/886,250	Feb. 1, 2018	n/a
Multi-piece polymer ammunition cartridge	PN: 10,677,573 SN: 15/886,270	Feb. 1, 2018	Jun. 9, 2020

Title	Patent No./ Serial No.	Filing Date	Issue Date
Multi-Piece Polymer Ammunition Cartridge	PN: allowed SN: 15/886,278	Feb. 1, 2018	n/a
Multi-Piece Polymer Ammunition Cartridge	PN: n/a SN: 15/886,289	Feb. 1, 2018	n/a
Multi-Piece Polymer Ammunition Cartridge	PN: n/a SN: 15/886,298	Feb. 1, 2018	n/a
Multi-piece polymer ammunition cartridge	PN: 10,704,870 SN: 15/886,308	Feb. 1, 2018	Jul. 7, 2020
Multi-piece polymer ammunition cartridge	PN: 10,365,074 SN: 15/886,325	Feb. 1, 2018	Jul. 30, 2019
Multi-piece polymer ammunition cartridge	PN: 10,921,101 SN: 15/886,337	Feb. 1, 2018	Feb. 16, 2021
Multi-piece polymer ammunition cartridge	PN: 10,704,871 SN: 15/886,355	Feb. 1, 2018	Jul. 7, 2020
Method of making polymer ammunition having a wicking texturing	PN: n/a SN: 15/891,602	Feb. 8, 2018	n/a
Method of making a primer insert for use in polymer ammunition	PN: 10,352,664 SN: 15/911,544	Mar. 5, 2018	Jul. 16, 2019
Three-piece primer insert having an internal diffuser for polymer ammunition	PN: 10,041,776 SN: 15/922,032	Mar. 15, 2018	Aug. 7, 2018
Three-piece primer insert having an internal diffuser for polymer ammunition	PN: 10,330,451 SN: 15/922,046	Mar. 15, 2018	Jun. 25, 2019
Polymer ammunition cartridge having a three-piece primer insert	PN: 10,101,136 SN: 15/922,061	Mar. 15, 2018	Oct. 16, 2018
Polymer ammunition cartridge having a three-piece primer insert	PN: 10,048,050 SN: 15/922,066	Mar. 15, 2018	Aug. 14, 2018
Polymer ammunition having a three-piece primer insert	PN: 10,101,140 SN: 15/922,080	Mar. 15, 2018	Oct. 16, 2018
Polymer Ammunition Having a Three-Piece Primer Insert	PN: 10,041,771 SN: 15/922,089	Mar. 15, 2018	Aug. 7, 2018
Three-Piece Primer Insert Having An Internal Diffuser For Polymer Ammunition	PN: 10,041,777 SN: 15/922,101	Mar. 15, 2018	Aug. 7, 2018
Polymer ammunition having a three-piece primer insert	PN: 10,054,413 SN: 15/922,111	Mar. 15, 2018	Aug. 21, 2018
Primer insert having a primer pocket groove	PN: 10,480,911 SN: 15/936,796	Mar. 27, 2018	Nov. 19, 2019

Title	Patent No./ Serial No.	Filing Date	Issue Date
Primer insert having a primer pocket groove	PN: 10,488,165 SN: 15/936,850	Mar. 27, 2018	Nov. 26, 2019
Primer insert having a primer pocket groove	PN: 10,480,912 SN: 15/936,859	Mar. 27, 2018	Nov. 19, 2019
Primer insert having a primer pocket groove	PN: 10,466,020 SN: 15/936,872	Mar. 27, 2018	Nov. 5, 2019
Polymer cartridge having a primer insert with a primer pocket groove	PN: 10,408,582 SN: 15/936,900	Mar. 27, 2018	Sep. 10, 2019
Polymer cartridge having a primer insert with a primer pocket groove	PN: 10,274,293 SN: 15/936,920	Mar. 27, 2018	Apr. 30, 2019
Polymer cartridge having a primer insert with a primer pocket groove	PN: 10,962,338 SN: 15/936,962	Mar. 27, 2018	Mar. 30, 2021
Polymer cartridge having a primer insert with a primer pocket groove	PN: 10,466,021 SN: 15/937,001	Mar. 27, 2018	Nov. 5, 2019
Polymer ammunition having a primer insert with a primer pocket groove	PN: 10,458,762 SN: 15/937,038	Mar. 27, 2018	Oct. 29, 2019
Polymer ammunition having a primer insert with a primer pocket groove	PN: 10,359,262 SN: 15/937,075	Mar. 27, 2018	Jul. 23, 2019
Polymer ammunition having a primer insert with a primer pocket groove	PN: 10,234,249 SN: 15/937,117	Mar. 27, 2018	Mar. 19, 2019
Polymer ammunition having a primer insert with a primer pocket groove	PN: 10,240,905 SN: 15/937,140	Mar. 27, 2018	Mar. 26, 2019
Method of making polymer ammunition cartridge having a two-piece primer insert	PN: 10,302,403 SN: 15/959,657	Apr. 23, 2018	May 28, 2019
Method of making a polymer ammunition cartridge	PN: 10,900,760 SN: 15/972,436	May 7, 2018	Jan. 26, 2021
Method of making a primer insert for use in polymer ammunition	PN: 10,345,088 SN: 15/978,616	May 14, 2018	Jul. 9, 2019
Metal injection molded ammunition cartridge	PN: n/a SN: 16/017,131	Jun. 25, 2018	n/a
Method of making a metal injection molded ammunition cartridge	PN: 10,612,896 SN: 16/017,142	Jun. 25, 2018	Apr. 7, 2020
One piece polymer ammunition cartridge having a primer insert and methods of making the same	PN: 10,408,592 SN: 16/110,213	Aug. 23, 2018	Sep. 10, 2019
One piece polymer ammunition cartridge having a primer insert and methods of making the same	PN: 10,704,876 SN: 16/110,232	Aug. 23, 2018	Jul. 7, 2020

Title	Patent No./ Serial No.	Filing Date	Issue Date
One piece polymer ammunition cartridge having a primer insert and methods of making the same	PN: 10,704,877 SN: 16/110,242	Aug. 23, 2018	Jul. 7, 2020
One piece polymer ammunition cartridge having a primer insert and methods of making the same	PN: n/a SN: 16/110,256	Aug. 23, 2018	n/a
Polymer ammunition and cartridge primer insert	PN: 10,578,409 SN: 16/111,673	Aug. 24, 2018	Mar. 3, 2020
Polymer ammunition and cartridge primer insert	PN: 10,571,228 SN: 16/111,692	Aug. 24, 2018	Feb. 25, 2020
Polymer ammunition and cartridge primer insert	PN: 10,571,229 SN: 16/111,701	Aug. 24, 2018	Feb. 25, 2020
Polymer ammunition and cartridge primer insert	PN: 10,571,230 SN: 16/111,715	Aug. 24, 2018	Feb. 25, 2020
Polymer ammunition and cartridge primer insert	PN: 10,571,231 SN: 16/111,728	Aug. 24, 2018	Feb. 25, 2020
Method of Making a Primer Insert for Use in Polymer Ammunition	PN: n/a SN: 16/111,777	Aug. 24, 2018	n/a
Method of making a polymer ammunition cartridge	PN: 10,907,944 SN: 16/123,223	Sep. 6, 2018	Feb. 2, 2021
Method of making polymer ammunition cartridge having a two-piece primer insert	PN: 10,302,404 SN: 16/123,242	Sep. 6, 2018	May 28, 2019
Polymer ammunition cartridge having a three-piece primer insert	PN: 10,415,943 SN: 16/123,259	Sep. 6, 2018	Sep. 17, 2019
Polymer ammunition cartridge having a metal injection molded primer insert	PN: n/a SN: 16/130,387	Sep. 13, 2018	n/a
Subsonic polymeric ammunition with diffuser	PN: 10,914,558 SN: 16/134,040	Sep. 18, 2018	Feb. 9, 2021
Subsonic polymeric ammunition with diffuser	PN: n/a SN: 16/134,052	Sep. 18, 2018	n/a
Subsonic polymeric ammunition with diffuser	PN: n/a SN: 16/134,058	Sep. 18, 2018	n/a
Subsonic polymeric ammunition with diffuser	PN: n/a SN: 16/134,067	Sep. 18, 2018	n/a
Subsonic polymeric ammunition with diffuser	PN: 11,085,741 SN: 16/134,079	Sep. 18, 2018	8/10/2021
Subsonic polymeric ammunition with diffuser	PN: 11,085,742 SN: 16/134,084	Sep. 18, 2018	Aug. 10, 2021

Title	Patent No./ Serial No.	Filing Date	Issue Date
Method of stamping a primer insert for use in polymer ammunition	PN: 10,753,713 SN: 16/151,716	Oct. 4, 2018	Aug. 25, 2020
Stamped Primer Insert for Use in Polymer Ammunition	PN: 11,085,739 SN: 16/151,734	Oct. 4, 2018	Aug. 10, 2021
Subsonic polymeric ammunition cartridge	PN: n/a SN: 16/153,959	Oct. 8, 2018	n/a
Polymer ammunition having a mim primer insert	PN: n/a SN: 16/173,115	Oct. 29, 2018	n/a
Multi-piece polymer ammunition, cartridge and components	PN: 10,948,273 SN: 16/184,519	Nov. 8, 2018	Mar. 16, 2021
Method of making polymeric subsonic ammunition	PN: n/a SN: 16/219,215	Dec. 13, 2018	n/a
Subsonic polymeric ammunition with diffuser	PN: n/a SN: 16/266,311	Feb. 4, 2019	n/a
Device and Method of Determining the Force Required to Remove a Projectile from an Ammunition Cartridge	PN: n/a SN: 16/270,196	Feb. 7, 2019	n/a
Polymer ammunition and cartridge having a convex primer insert	PN: 10,731,957 SN: 16/275,976	Feb. 14, 2019	Aug. 4, 2020
Polymer ammunition and cartridge having a convex primer insert	PN: 10,921,106 SN: 16/276,007	Feb. 14, 2019	Feb. 16, 2021
Polymer ammunition and cartridge having a convex primer insert	PN: 10,704,879 SN: 16/276,028	Feb. 14, 2019	Jul. 7, 2020
Polymer ammunition and cartridge having a convex primer insert	PN: 10,704,872 SN: 16/276,044	Feb. 14, 2019	Jul. 7, 2020
Polymer ammunition and cartridge having a convex primer insert	PN: 10,704,880 SN: 16/276,056	Feb. 14, 2019	Jul. 7, 2020
Method Of Making Polymer Ammunition Cartridge Having A Two-Piece Primer Insert	PN: allowed SN: 16/278,499	Feb. 18, 2019	n/a
Method Of Making Polymer Ammunition Cartridge Having A Two-Piece Primer Insert	PN: allowed SN: 16/278,504	Feb. 18, 2019	n/a
Subsonic polymeric ammunition cartridge	PN: n/a SN: 16/278,514	Feb. 18, 2019	n/a
Method of Making Polymer Ammunition Cartridge Having a Two-Piece Primer Insert	PN: allowed SN: 16/377,777	Apr. 8, 2019	n/a
Method of Making Polymer Ammunition Cartridge Having a Two-Piece Primer Insert	PN: allowed SN: 16/377,799	Apr. 8, 2019	n/a

Title	Patent No./ Serial No.	Filing Date	Issue Date
Method of Making a Primer Insert for Use in Polymer Ammunition	PN: n/a SN: 16/387,830	Apr. 18, 2019	n/a
Lightweight polymer ammunition cartridge casings	PN: 11,047,664 SN: 16/420,661	May 23, 2019	Jun. 29, 2021
Multi-piece polymer ammunition cartridge	PN: 10,852,108 SN: 16/420,710	May 23, 2019	Dec. 1, 2020
Method of Making a Primer Insert for Use in Polymer Ammunition	PN: n/a SN: 16/420,727	May 23, 2019	n/a
Method of Making a Primer Insert for Use in Polymer Ammunition	PN: n/a SN: 16/420,737	May 23, 2019	n/a
Multi-piece primer insert for polymer ammunition	PN: n/a SN: 16/460,131	Jul. 2, 2019	n/a
Three-piece primer insert for polymer ammunition	PN: n/a SN: 16/460,155	Jul. 2, 2019	n/a
Subsonic polymeric ammunition cartridge	PN: n/a SN: 16/519,608	Jul. 23, 2019	n/a
Method of making a polymeric subsonic ammunition cartridge	PN: allowed SN: 16/519,619	Jul. 23, 2019	n/a
Polymer Cartridge Having a Primer Insert With a Primer Pocket Groove	PN: n/a SN: 16/519,629	Jul. 23, 2019	n/a
Polymer ammunition cartridge having a three-piece primer insert	PN: 10,948,275 SN: 16/519,645	Jul. 23, 2019	Mar. 16, 2021
One piece polymer ammunition cartridge having a primer insert and method of making the same	PN: 10,704,878 SN: 16/519,669	Jul. 23, 2019	Jul. 7, 2020
Metal injection molded ammunition cartridge	PN: n/a SN: 16/561,703	Sep. 5, 2019	n/a
Polymer ammunition having a primer insert with a primer pocket groove	PN: 10,859,352 SN: 16/571,816	Sep. 16, 2019	Dec. 8, 2020
Primer Insert Having a Primer Pocket Groove	PN: n/a SN: 16/587,303	Sep. 30, 2019	n/a
Polymer cartridge having a primer insert with a primer pocket groove	PN: 10,845,169 SN: 16/587,316	Sep. 30, 2019	Nov. 24, 2020
Primer Insert Having a Primer Pocket Groove	PN: n/a SN: 16/587,333	Sep. 30, 2019	n/a
Primer Insert Having a Primer Pocket Groove	PN: n/a SN: 16/587,338	Sep. 30, 2019	n/a

Title	Patent No./ Serial No.	Filing Date	Issue Date
Primer Insert Having a Primer Pocket Groove	PN: n/a SN: 16/587,351	Sep. 30, 2019	n/a
Primer diffuser for polymer ammunition cartridges	PN: n/a SN: 16/596,181	Oct. 8, 2019	n/a
Primer diffuser for polymer ammunition cartridges	PN: n/a SN: 16/596,214	Oct. 8, 2019	n/a
Two-piece primer insert for polymer ammunition	PN: n/a SN: 16/715,534	Dec. 16, 2019	n/a
Two-piece primer insert for polymer ammunition	PN: n/a SN: 16/715,557	Dec. 16, 2019	n/a
Two-piece primer insert for polymer ammunition	PN: n/a SN: 16/715,578	Dec. 16, 2019	n/a
Polymer Ammunition and Cartridge Primer Insert	PN: n/a SN: 16/744,536	Jan. 16, 2020	n/a
Polymer Ammunition and Cartridge Primer Insert	PN: n/a SN: 16/744,539	Jan. 16, 2020	n/a
Polymer Ammunition and Cartridge Primer Insert	PN: n/a SN: 16/744,545	Jan. 16, 2020	n/a
Polymer ammunition and cartridge primer insert	PN: 10,996,029 SN: 16/744,552	Jan. 16, 2020	May 4, 2021
Polymer ammunition and cartridge primer insert	PN: 10,996,030 SN: 16/744,568	Jan. 16, 2020	May 4, 2021
Polymer ammunition having a projectile made by metal injection molding	PN: n/a SN: 16/779,957	Feb. 3, 2020	n/a
Multi-Piece Polymer Ammunition Cartridge Nose	PN: n/a SN: 16/800,189	Feb. 25, 2020	n/a
Method of making a metal injection molded ammunition cartridge	PN: n/a SN: 16/800,196	Feb. 25, 2020	n/a
Methods and devices metering and compacting explosive powders	PN: n/a SN: 16/822,297	Mar. 18, 2020	n/a
Methods and devices metering and compacting explosive powders	PN: n/a SN: 16/822,313	Mar. 18, 2020	n/a
Method of Stamping a Primer Insert for Use in Polymer Ammunition	PN: n/a SN: 16/847,885	Apr. 14, 2020	n/a
Multi-Piece Polymer Ammunition Cartridge	PN: n/a SN: 16/863,328	Apr. 30, 2020	n/a

Title	Patent No./ Serial No.	Filing Date	Issue Date
Multi-Piece Polymer Ammunition Cartridge Nose	PN: n/a SN: 16/885,688	May 28, 2020	n/a
Polymer ammunition and cartridge having a convex primer insert	PN: n/a SN: 16/885,707	May 28, 2020	n/a
A one piece polymer ammunition cartridge having a primer insert and method of making the same	PN: n/a SN: 16/885,724	May 28, 2020	n/a
Polymer ammunition and cartridge having a convex primer insert	PN: n/a SN: 16/909,020	Jun. 23, 2020	n/a
Polymer Ammunition Having an Alignment Aid, Cartridge and Method of Making the Same	PN: n/a SN: 16/930,583	Jul. 16, 2020	n/a
Metal injection molded ammunition cartridge	PN: n/a SN: 16/933,094	Jul. 20, 2020	n/a
Polymer Ammunition Having a Primer Insert With a Primer Pocket Groove	PN: n/a SN: 16/952,416	Nov. 19, 2020	n/a
Subsonic polymeric ammunition cartridge	PN: n/a SN: 16/988,987	Aug. 10, 2020	n/a
Multi-Piece Polymer Ammunition Cartridge Nose	PN: allowed SN: 16/992,389	Aug. 13, 2020	n/a
Polymer Ammunition and Cartridge Primer Insert	PN: n/a SN: 17/000,700	Aug. 24, 2020	n/a
Polymer Ammunition and Cartridge Primer Insert	PN: n/a SN: 17/000,712	Aug. 24, 2020	n/a
Polymer Ammunition and Cartridge Primer Insert	PN: n/a SN: 17/000,721	Aug. 24, 2020	n/a
Polymer Ammunition and Cartridge Primer Insert	PN: n/a SN: 17/000,731	Aug. 24, 2020	n/a
Polymer Ammunition and Cartridge Primer Insert	PN: n/a SN: 17/000,743	Aug. 24, 2020	n/a
Method of making a metal primer insert by injection molding	PN: n/a SN: 17/000,757	Aug. 24, 2020	n/a
Polymer Cartridge Having a Primer Insert With a Primer Pocket Groove	PN: n/a SN: 17/065,716	Oct. 8, 2020	n/a
Chamber for multi-piece polymer ammunition	PN: n/a SN: 17/068,832	Oct. 13, 2020	n/a
Subsonic polymeric ammunition	PN: n/a SN: 17/090,111	Nov. 5, 2020	n/a

Title	Patent No./ Serial No.	Filing Date	Issue Date
Multi-Piece Polymer Ammunition Cartridge	PN: n/a SN: 17/101,414	Nov. 23, 2020	n/a
Multi-Piece Polymer Ammunition Cartridge	PN: n/a SN: 17/122,193	Dec. 15, 2020	n/a
unpublished	PN: n/a SN: 17/122,199	Dec. 15, 2020	n/a
unpublished	PN: n/a SN: 17/141,435	Jan. 5, 2021	n/a
Multi-piece polymer ammunition cartridge	PN: n/a SN: 17/146,839	Jan. 12, 2021	n/a
Multi-piece polymer ammunition cartridge	PN: n/a SN: 17/146,843	Jan. 12, 2021	n/a
unpublished	PN: n/a SN: 17/148,852	Jan. 14, 2021	n/a
unpublished	PN: n/a SN: 17/198,945	Mar. 11, 2021	n/a
unpublished	PN: n/a SN: 17/198,960	Mar. 11, 2021	n/a
unpublished	PN: n/a SN: 17/198,971	Mar. 11, 2021	n/a
unpublished	PN: n/a SN: 17/222,068	Apr. 5, 2021	n/a
unpublished	PN: n/a SN: 17/222,073	Apr. 5, 2021	n/a
unpublished	PN: n/a SN: 17/319,604		
unpublished	PN: n/a SN: 17/325,479		
unpublished	PN: n/a SN: 17/363,240		
unpublished	PN: n/a SN: 17/367,938		
unpublished	PN: n/a SN: 17/367,946		
unpublished	PN: n/a SN: 17/367,953		

Title	Patent No./ Serial No.	Filing Date	Issue Date
unpublished	PN: n/a SN: 17/367,960		
unpublished	PN: n/a SN: 17/376,500		
unpublished	PN: n/a SN: 17/379,013		
unpublished	PN: n/a SN: 17/379,018		
unpublished	PN: n/a SN: 17/379,022		
unpublished	PN: n/a SN: 17/379,030		
Methods and devices metering and compacting explosive powders	PN: n/a SN: PCT/US2020/023 273	Mar. 18, 2020	n/a
Polymer ammunition having an alignment aid, cartridge and method of making the same	PN: n/a SN: PCT/US2020/042 258	Jul. 16, 2020	n/a
Multi-piece polymer ammunition, cartridge and components	PN: n/a SN: AU2018364538	Nov. 8, 2018	n/a
Multi-piece polymer ammunition, cartridge and components	PN: EP3707460 SN: EP18877060	Nov. 8, 2018	Sep. 16, 2020
Multi-piece polymer ammunition, cartridge and components	PN: IL274334 SN: IL274334	Nov. 8, 2018	Jun. 30, 2020
Dispositivo y método para determinar la fuerza necesaria para separar un proyectil de un cartucho de munición	PN: AR114113 SN: ARP190100367	Feb. 14, 2019	Jul. 22, 2020
Multi-piece primer insert for polymer ammunition	PN: AU2019299428 SN: AU2019299428	Jul. 2, 2019	Jan. 28, 2021
Multi-piece primer insert for polymer ammunition	PN: EP3818326 SN: EP19830059	Jul. 2, 2019	May 12, 2021
Three-piece primer insert for polymer ammunition	PN: AU2019299431 SN: AU2019299431	Jul. 2, 2019	Jan. 28, 2021
Three-piece primer insert for polymer ammunition	PN: EP3818323 SN: EP19830612	Jul. 2, 2019	May 12, 2021

Design Patents:

Title	Patent No./ Serial No.	Filing Date	Issue Date
Notched cartridge base insert	PN: D778,391 SN: 29/525,181	Apr. 28, 2015	Feb. 7, 2017
Notched cartridge base insert	PN: D781,393 SN: 29/525,190	Apr. 28, 2015	Mar. 14, 2017
Cylindrically square cartridge base insert	PN: D779,021 SN: 29/525,197	Apr. 28, 2015	Feb. 14, 2017
Primer diverter cup used in polymer ammunition	PN: D780,283 SN: 29/529,361	Jun. 5, 2015	Feb. 28, 2017
Projectile aperture wicking pattern	PN: D779,022 SN: 29/535,552	Aug. 7, 2015	Feb. 14, 2017
Projectile aperture wicking pattern	PN: D778,393 SN: 29/535,567	Aug. 7, 2015	Feb. 7, 2017
Projectile aperture wicking pattern	PN: D779,023 SN: 29/535,573	Aug. 7, 2015	Feb. 14, 2017
Projectile aperture wicking pattern	PN: D779,624 SN: 29/535,578	Aug. 7, 2015	Feb. 21, 2017
Projectile aperture wicking pattern	PN: D779,024 SN: 29/535,585	Aug. 7, 2015	Feb. 14, 2017
Projectile aperture wicking pattern	PN: D778,394 SN: 29/535,595	Aug. 7, 2015	Feb. 7, 2017
Projectile aperture wicking pattern	PN: D778,395 SN: 29/535,813	Aug. 11, 2015	Feb. 7, 2017
Cartridge base insert	PN: D828,483 SN: 29/591,015	Jan. 16, 2017	Sep. 11, 2018
Ammunition cartridge with primer insert	PN: D836,180 SN: 29/594,032	Feb. 15, 2017	Dec. 18, 2018
Ammunition cartridge	PN: D861,119 SN: 29/594,100	Feb. 15, 2017	Sep. 24, 2019
Cartridge primer insert	PN: D849,181 SN: 29/612,265	Jul. 31, 2017	May 21, 2019
Primer insert	PN: D861,118 SN: 29/612,269	Jul. 31, 2017	Sep. 24, 2019
Ammunition cartridge	PN: D886,937 SN: 29/630,033	Dec. 19, 2017	Jun. 9, 2020
Ammunition cartridge	PN: D886,231 SN: 29/630,036	Dec. 19, 2017	Jun. 2, 2020

Title	Patent No./ Serial No.	Filing Date	Issue Date
Ammunition cartridge	PN: D882,019 SN: 29/644,794	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D881,323 SN: 29/644,797	Apr. 20, 2018	Apr. 14, 2020
Ammunition cartridge	PN: D882,020 SN: 29/644,798	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D881,324 SN: 29/644,805	Apr. 20, 2018	Apr. 14, 2020
Ammunition cartridge	PN: D882,021 SN: 29/644,808	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D881,325 SN: 29/644,810	Apr. 20, 2018	Apr. 14, 2020
Ammunition cartridge	PN: D881,326 SN: 29/644,811	Apr. 20, 2018	Apr. 14, 2020
Ammunition cartridge	PN: D882,022 SN: 29/644,816	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D881,327 SN: 29/644,820	Apr. 20, 2018	Apr. 14, 2020
Ammunition cartridge	PN: D881,328 SN: 29/644,824	Apr. 20, 2018	Apr. 14, 2020
Ammunition cartridge	PN: D882,023 SN: 29/644,825	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D882,024 SN: 29/644,828	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D882,025 SN: 29/644,831	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D882,026 SN: 29/644,835	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D882,027 SN: 29/644,838	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D882,720 SN: 29/644,840	Apr. 20, 2018	Apr. 28, 2020
Ammunition cartridge	PN: D884,115 SN: 29/644,842	Apr. 20, 2018	May 12, 2020
Ammunition cartridge	PN: D882,028 SN: 29/644,843	Apr. 20, 2018	Apr. 21, 2020

Title	Patent No./ Serial No.	Filing Date	Issue Date
Ammunition cartridge	PN: D913,403 SN: 29/644,844	Apr. 20, 2018	Mar. 16, 2021
Ammunition cartridge	PN: D882,721 SN: 29/644,847	Apr. 20, 2018	Apr. 28, 2020
Ammunition cartridge	PN: D882,029 SN: 29/644,849	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D882,030 SN: 29/644,853	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D882,031 SN: 29/644,855	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D903,038 SN: 29/644,859	Apr. 20, 2018	Nov. 24, 2020
Ammunition cartridge	PN: D882,722 SN: 29/644,862	Apr. 20, 2018	Apr. 28, 2020
Ammunition cartridge	PN: D882,723 SN: 29/644,863	Apr. 20, 2018	Apr. 28, 2020
Ammunition cartridge	PN: D882,724 SN: 29/644,864	Apr. 20, 2018	Apr. 28, 2020
Ammunition cartridge	PN: D903,039 SN: 29/644,865	Apr. 20, 2018	Nov. 24, 2020
Ammunition cartridge	PN: D882,032 SN: 29/644,867	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge	PN: D882,033 SN: 29/644,869	Apr. 20, 2018	Apr. 21, 2020
Ammunition cartridge nose having an angled shoulder	PN: D893,665 SN: 29/683,114	Mar. 11, 2019	Aug. 18, 2020
Ammunition cartridge nose having an angled shoulder	PN: D893,666 SN: 29/683,116	Mar. 11, 2019	Aug. 18, 2020
Ammunition cartridge nose having an angled shoulder	PN: D893,667 SN: 29/683,120	Mar. 11, 2019	Aug. 18, 2020
Ammunition cartridge nose having an angled shoulder	PN: D893,668 SN: 29/683,121	Mar. 11, 2019	Aug. 18, 2020
Ammunition cartridge nose having an angled shoulder	PN: D891,567 SN: 29/683,244	Mar. 12, 2019	Jul. 28, 2020
Ammunition cartridge nose having an angled shoulder	PN: D891,568 SN: 29/683,245	Mar. 12, 2019	Jul. 28, 2020

Title	Patent No./ Serial No.	Filing Date	Issue Date
Ammunition cartridge nose having an angled shoulder	PN: D891,569 SN: 29/683,248	Mar. 12, 2019	Jul. 28, 2020
Ammunition cartridge nose	PN: D891,570 SN: 29/683,249	Mar. 12, 2019	Jul. 28, 2020
Ammunition cartridge nose having an angled shoulder	PN: D892,258 SN: 29/683,251	Mar. 12, 2019	Aug. 4, 2020
Ammunition Cartridge	PN: D894,320 SN: 29/684,454	Mar. 21, 2019	Aug. 25, 2020