PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLES M. BIES	08/23/2021
BRIAN J. ISLE	08/23/2021
SCOTT A. MILLER	08/17/2021
LEE C. SEMMERLING	08/23/2021
MICHAEL J. HERMANSON	08/25/2021

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Postal Code:	22201

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16691146

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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.

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Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	1657.223US01
NAME OF SUBMITTER:	JENNIFER HOSKA
SIGNATURE:	/Jennifer Hoska/
DATE SIGNED:	09/14/2021

Total Attachments: 6

PATENT REEL: 057472 FRAME: 0793

506867729



PATENT REEL: 057472 FRAME: 0794

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, as the undersigned named inventor(s), have sold, assigned and transferred, and/or by these presents do hereby sell, assign and transfer my/our entire right, title and interest for all countries in and to all inventions disclosed in the application entitled

TEST GUN BARREL EXTENSION JOINT		
of		
Application No.: 16/691,146	Filing Date: November 21, 2019	
by		
Charles M. Bies, Brian J. Isle, Scott A. Miller	r, Lee C. Semmerling, Michael J. Hermanson	
unto the following Assignee:		
BAE Systems Land & Armaments L.P.		
with a principal place of business at		
2000 15 th Street North, 11 th floor, Arlington, VA 22201		

For purposes of this assignment, Assignee shall include successors and assigns.

Such assignment in and to the application shall include any utility applications, design applications, divisional applications, continuation applications, continuation-in-part applications or any other applications entitled to claim priority thereto, all Letters Patent which may be granted therefrom, and all reissues, reexaminations, reviews, oppositions, certificates and/or extensions of such Letters Patent, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions including an assignment of all rights under the provisions of the Paris Convention for the Protection of Industrial Property and further including the right to sue, counterclaim and recover for past, present and future infringement of the rights assigned or to be assigned, as fully and entirely as the same would have been held by the undersigned if this assignment had not been made, and I/we do hereby authorize and request the Commissioner of Patents to issue the Letters Patent to Assignee.

I/We further authorize Assignee, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in the U.S. and any and all foreign countries, and additionally to claim priority to the filing date of the applications and otherwise take advantage of the provisions of the Paris Convention, and request the issuance of any and all Letters Patent for the inventions to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee.

I/We do hereby covenant and agree with Assignee, that I/we will not execute in writing or do any act whatsoever conflicting with these presents, and that I/we or my/our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of Assignee, make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to Assignee and its representatives all facts known to us relating to the inventions and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in Assignee, the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

I/We covenant and agree with Assignee that no assignment, grant, mortgage, license, option or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by me/us.

I/We hereby authorize Assignee, or anyone it may properly designate, to insert the filing date, application number, title and any other indicia identifying the application herein when ascertained.

Delivery of this Assignment by copy, however transmitted, constitutes valid and effective delivery. This Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

PATENT REEL: 057472 FRAME: 0795

ASSIGNMENT (EXECUTION PAGE)

Patent Application Title: TEST GUN BARREL EXTENSION JOINT		
U.S. 16/691,146 November 21, 2019		
Charles M. Bies		
<u>8-23- 2821</u>		
Andover, MN		
U.S.		
Natary: Subscribed to and sworn to before me this day of, 20		

Attorney Docket No. 1657.223US01 Client Reference No. 08-13278

ASSIGNMENT (EXECUTION PAGE)

Patent Application Title: TEST GUN BARREL EXTENSION JOINT		
Country (or "PCT"): Application No.: Filing Date:	U.S. 16/691,146 November 21, 2019	
Inventor/Assignor: Legal Name of Inventor:	Brian J. Isle	
Inventor Signature:	Brian J. Isla	
Date:	8/23/2021	
Inventor Address (city, country):	Brooklyn Park, MN	
Inventor Citizenship:	U.S.	
Notary: Subscribed to and sworn to before me this day of, 20		
Notary Public		
Notary Seal		

PATENT REEL: 057472 FRAME: 0797

ASSIGNMENT (EXECUTION PAGE)

Patent Application Title: TEST GUN BARREL EXTENSION JOINT		
Country (or "PCT"): Application No.: Filing Date:	U.S. 16/691,146 November 21, 2019	
Inventor/Assignor: Legal Name of Inventor:	Scott A. Miller	
Inventor Signature:	49.71.1C	
Date:	8/17/2001	
Inventor Address (city, country):	Anoka, MN	
Inventor Citizenship:	U.S.	
Notary: Subscribed to and sworn to before thisday of		
Notary Public		
Notary Seal		

Attorney Docket No. 1657.223US01 Client Reference No. 08-13278

ASSIGNMENT (EXECUTION PAGE)

Patent Application Title: TEST GUN BARREL EXTENSION JOINT		
Country (or "PCT"): Application No.: Filing Date:	U.S. 16/691,146 November 21, 2019	
Inventor/Assignor: Legal Name of Inventor:	Lee C. Semmerling	
Inventor Signature:	Lee Semmerling	
Date:	8-23-2021	
Inventor Address (city, country):	Shoreview, MN	
Inventor Citizenship:	U.S.	
Notary: Subscribed to and sworn to before me this day of Notary Public Notary Seal		

PATENT Page 5 of 6 **REEL: 057472 FRAME: 0799**

Attorney Docket No. 1657.223US01 Client Reference No. 08-13278

ASSIGNMENT (EXECUTION PAGE)

Patent Application Title: TEST GUN BARREL EXTENSION JOINT		
Country or "PCT": Application No.: Filing Date:	U.S. 16/691,146 November 21, 2019	
Inventor/Assignor: Legal Name of Inventor:	Michael J. Hermanson	
Inventor Signature:	ml 12-	
Date:	August 25, 2021	
Inventor Address (city, country):	Andover, MN	
Inventor Citizenship:	Ú.S.	
Notary: Subscribed to and sworn to before me this day of, 20 Notary Public Notary Seal		

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PATENT REEL: 057472 FRAME: 0800

RECORDED: 09/14/2021