

# PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSEPH P. MORRIS	05/30/2014
PAUL LICHON	05/30/2014
DOUGLAS L. SMITH	05/30/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GENERAL DYNAMICS ORDNANCE AND TACTICAL SYSTEMS, INC.
<b>Street Address:</b>	11399 16TH COURT NORTH
<b>Internal Address:</b>	SUITE 200
<b>City:</b>	ST. PETERSBURG
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33716
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14291450
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(954)527-7932
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<b>Address Line 2:</b>	2100
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<b>ATTORNEY DOCKET NUMBER:</b>	SEA-0098
<b>NAME OF SUBMITTER:</b>	JOSEPH R. ENGLANDER
<b>SIGNATURE:</b>	/joseph r. englander/
<b>DATE SIGNED:</b>	05/30/2014
<b>Total Attachments: 2</b>	
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**PATENT**  
**REEL: 032996 FRAME: 0387**

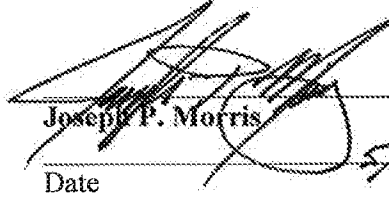
## ASSIGNMENT

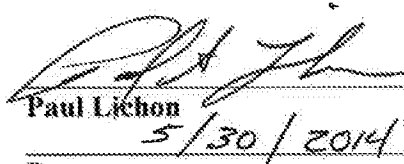
WHEREAS, WE, Joseph P. Morris; Paul Lichon; and Douglas L. Smith having post office addresses of 23821 25<sup>th</sup> Drive SE, Bothell, Washington 98021; 17101 102<sup>nd</sup> Avenue NE, Bothell, Washington 98011; and 6588 151<sup>st</sup> Place SE, Bellevue, WA 98006, respectively, (hereinafter referred to as ASSIGNORS), are the joint inventors of the invention entitled **“Trajectory Modification of a Spinning Projectile by Controlling the Roll Orientation of a Decoupled Portion of the Projectile That Has Actuated Aerodynamic Surfaces.”**

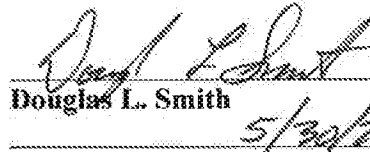
WHEREAS, **General Dynamics Ordnance and Tactical Systems, Inc.**, a corporation of the State of Florida, having a place of business at 11399 16th Court North, Suite 200, St. Petersburg, FL 33716 (hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, any patent applications that may be filed for said invention, and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from any United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, any application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS agree to execute all

instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

  
Joseph P. Morris  
Date 5/30/2014

  
Paul Lichon  
Date 5/30/2014

  
Douglas L. Smith  
Date 5/30/2014